





LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS



1966

^{I D}
DOCUMENTS

LIBRARY

~~REFERENCE~~

1911

1911



33- 125
Ret.

MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

OCTOBER 1966

Entries 14098-15433

THE LIBRARY OF THE

BERNAN

JAN 10 1967

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151

† Distribution made by Issuing Office. Not definitely available if unaccompanied by a price

‡ Printed for Official Use
(not available for distribution)

● Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

MONTHLY CATALOG



OF UNITED STATES
GOVERNMENT PUBLICATIONS

OCTOBER 1966

Number 861

Entries 14098-15433

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1966

- Productivity, a bibliography.** (Labor Statistics Bureau, Bulletin 1514.) 65c. ●
L 2.3:1514
- Psychopharmacology handbook, vol. 4.** (Public Health Service, Publication 1497, Bibliography series 67.) \$2.00. ●
FS 2.21:67
- Safety in your future.** (Education Office, OE-S4032.) 15c. ●
FS 5.284:84032
- Significant achievements in satellite geodesy, 1958-64.** (National Aeronautics and Space Administration, NASA SP-94.) 70c. ●
NAS 1.21:94
- Small stores planning for growth.** (Small Business Administration, Small business management series 33.) 50c. ●
SBA 1.12:33
- Study of strip and surface mining in Appalachia.** (Mines Bureau.) \$1.00 ●
I 28.2:Ap 4
- Taxation, key factor in business decisions.** (Small Business Administration, Administrative management course program, topic 8.) \$1.50. ●
SBA 1.24:8
- Technical manpower, requirements, resources, and training needs.** (Labor Statistics Bureau, Bulletin 1512.) 60c. ●
L 2.3:1512
- Tertiary plans from Cook Inlet region, Alaska.** (Geological Survey, Professional paper 398-B.) 55c. ●
I 19.16:398-B
- United States earthquakes, 1964.** (Coast and Geodetic Survey.) 55c. ●
C 4.25/2:964
- Wildlife research: Problems, programs, progress 1965.** (Fish and Wildlife Service, Resource publication 23.) 70c. ●
I 49.66:23
- World power data, capacity of electric generating plants and production of electric energy, 1964.** (Federal Power Commission.) 20c. ●
FP 1.2:W 89/964
- You and the public.** (Civil Service Commission, Federal employee facts no. 6.) 5c. ●
CS 1.59:6

Contents

	Page
Previews -----	III
Abbreviations, Explanation-----	VI
General Information-----	VII
How To Order Publications-----	VIII
New Classification Numbers-----	IX
Corrections for Previous Monthly Catalogs-----	X
Classified List of Government Authors--	XI
Monthly Catalog-----	1
Index-----	91

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information, are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5c that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

A 77.237/2 : date-----	Agricultural Research Service. National tick surveillance program, calendar year. NOTE.—Formerly entitled National tick survey and classified A 77.202 : T 43/2.
C 30.82 : Reserved	Weather Bureau.
C 30.83 : date-----	Operations of the Weather Bureau (semi-annual).
C 52.13 : Reserved	Environmental Science Services Administration.
C 52.14 : date-----	ESSA world (quarterly).
CS 1.65/3 : date-----	Civil Service Commission. Executive Seminar Centers [programs]. NOTE.—See, for earlier class, CS 1.2 : Ex 3/6/ (date).
D 301.35/3 : nos-----	Air Force Department. Air Force Systems Command pamphlets.
FAA 2.8/2 : nos-----	Systems Research and Development Service. Reports.
FS 14.219 : Reserved	Family Services Bureau.
FS 14.220 : date-----	Progress report on staff development (annual).
GS 1.14/8 : -9 : Reserved	General Services Administration.
GS 1.14/10 : CT-----	Federal Fire Council : Addresses.
HH 1.26 : date-----	Housing and Urban Development Department. Urban planning assistance program project directory. NOTE.—See, for earlier class, HH 7.8/3 : (date).
I 28.30/4 : date-----	Mines Bureau. Coke and coal chemicals, annual.
I 29.72 : -.73 : Reserved	National Park Service.
I 29.74 : CT-----	Historic American Buildings Survey.
I 67.11 : Reserved	Federal Water Pollution Control Administration.
I 67.12 : date-----	Selected summaries of water research.
L 1.7/3 : Reserved	Labor Department.
L 1.7/4 : CT-----	Regulations and interpretative bulletins.
NC 3.8 : CT-----	National Capital Regional Planning Council. Handbooks, manuals, guides.
PrEx 2.16 : Reserved	Budget Bureau.
PrEx 2.17 : nos-----	Working papers.
PrEx 7.2 : CT-----	Foreign Broadcast Information Service. General publications.
T 47.50/2 : date-----	Coast Guard. Bibliography of publications for public education and membership training.
VA 1.43/4 : date-----	Veterans Administration. Medical research program.

	Civil War Centennial Commission.
Y 3.C49/2: 9/v.nos-----	Military operations of the Civil War, guide index to Official records of Union and Confederate armies, 1861-65.
Y 3.C49/2: 9a/letters-----	—: (Separates by section).
	Equal Employment Opportunity Commission.
Y 3.Eq 2: 10/date-----	Digest of legal interpretations issued or adopted by Commission (quarterly).
	Standards and Conduct, Select Committee on, Senate.
Y 4.St 2/2: CT-----	Publications.

Corrections for Previous Monthly Catalogs

- Oct. 1958. Entry 15261, Review of mental health in industry. Correct class to read FS 2.22: M52/20.
- Sept. 1960. Entry 14685, Procedures for testing pasteurization equipment. Correct class to read FS 2.60/7: P26.
- Dec. 1961. Page 119, 2d column, under Armed Forces: officer, guide to philosophy, ideals, and principles of leadership, correct 5331 to read 5321.
- Dec. 1964. Page 486, 1st column, 6th line, above production, . . . insert Pears:.
- Jan. 1965. Entry 1494, Directory of standards laboratories. Change class to read C 13.2: St 2/2.
- May 1965. Entry 7790, Report to Congress of United States: Unnecessary rental costs incurred because of delay in purchasing components of 2 automatic data processing systems, Social Security Administration, Department of Health, Education, and Welfare. Change class to read GA 1.13: Au 8/27.
- Entry 8295, Career opportunities in communications and records with Department of State, domestic and overseas assignments. Correct class to read S 1.2: C 73/5/965.
- July 1965. Entry 10952, Report to Congress of United States: Failure to adequately consider financial advantages of purchasing over leasing automatic data processing systems used by Bureau of Labor Statistics, Department of Labor. Change class to read GA 1.13: Au 8/28.
- Jan. 1966. Entry 785, Exchange scholars, new dimension in International understanding, Board of Foreign Scholarships, 3d annual report. Correct class to read Y3.F 76/4: 1/965.
- Feb. 1966. Entry 2574, Career opportunities in communications and records with Department of State, domestic and overseas assignments. Correct class to read S 1.2: C 73/5/965-2.
- Entry 3047, Housing and planning references, new series. Correct class to read HH 1.23/3: (nos.).
- Mar. 1966. Entry 4347, Equal employment opportunity is good business. Correct class to read Y 3.Eq 2: 2 Em 7.
- Apr. 1966. Entry 5842, [Armed Forces Institute textbook], AO 68, Introductory science. Delete † and substitute *Paper, \$2.25.
- June 1966. Entry 8645, W. World war on hunger, hearings, 89th Congress, 2d session, on H.R. 12152, H.R. 12784, and H.R. 12785, pt. 3, Feb. 28-Mar. 22, 1966. Correct class to read Y 4.Ag 8/1: H 89/pt.3.
- July 1966. Entry 10119, Proceedings, symposia on arctic medicine and biology: 4, Frostbite. Correct class to read D 301.45: Ar 2/no.4.
- Aug. 1966. Entries 11378-384, School of Aerospace Medicine: Technical reports, SAM-TR (series). Correct class to read D 301.26/13-6: (nos.).
- Entry 12286, add 6009 (01) following the entry number.

Classified List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	14098
Agriculture Department.....	14120
Agricultural Research Service.....	14099
Consumer and Marketing Service.....	14507
Economic Research Service.....	14529
Farmer Cooperative Service.....	14589
Farmers Home Administration.....	14596
Federal Extension Service.....	14625
Forest Service.....	14693
National Agricultural Library.....	15204
Rural Electrification Administration.....	15319
Soil Conservation Service.....	15333
Statistical Reporting Service.....	15375
Arms Control and Disarmament Agency.....	14207
Atomic Energy Commission.....	14236
Civil Aeronautics Board.....	14284
Civil Rights Commission.....	14293
Civil Service Commission.....	14295
Civil War Centennial Commission.....	14313
Commerce Department.....	14319
Business and Defense Services Administration.....	14246
Business Economics Office.....	14247
Census Bureau.....	14248
Environmental Science Services Administration.....	14577
Coast and Geodetic Survey.....	14314
Weather Bureau.....	15418
International Commerce Bureau.....	14780
Maritime Administration.....	14988
National Bureau of Standards.....	15206
Patent Office.....	15256
Public Roads Bureau.....	15313
United States Travel Service.....	15401
Congress.....	14330
Congress, Joint Committee on Organization of.....	14368
Economic Joint Committee.....	14369
House of Representatives.....	14378
Agriculture Committee.....	14403
Appropriations Committee.....	14408
Armed Services Committee.....	14409
Banking and Currency Committee.....	14413
Education and Labor Committee.....	14415
Foreign Affairs Committee.....	14418
Government Operations Committee.....	14422
House Administration Committee.....	14426
Interior and Insular Affairs Committee.....	14427

Congress—Continued

	Beginning entry
House of Representatives—Continued	
Interstate and Foreign Commerce Committee.....	14427
Judiciary Committee.....	14429
Merchant Marine and Fisheries Committee.....	14431
Post Office and Civil Service Committee.....	14434
Public Works Committee.....	14437
Small Business, Select Committee on.....	14442
Veterans' Affairs Committee.....	14443
Ways and Means Committee.....	14445
Senate	14447
Aging, Special Committee on.....	14469
Agriculture and Forestry Committee.....	14470
Appropriations Committee.....	14471
Armed Services Committee.....	14473
Banking and Currency Committee.....	14474
Commerce Committee.....	14478
Finance Committee.....	14480
Foreign Relations Committee.....	14481
Government Operations Committee.....	14482
Interior and Insular Affairs Committee.....	14486
Judiciary Committee.....	14492
Labor and Public Welfare Committee.....	14498
Post Office and Civil Service Committee.....	14502
Public Works Committee.....	14503
Rules and Administration Committee.....	14504
Small Business, Select Committee on.....	14505
Defense Department.....	14514
Air Force Department.....	14167
Air Force Academy.....	14165
Armed Forces Information and Education.....	14203
Army Department.....	14208
Army Medical Service.....	14235
Civil Defense Office.....	14289
Engineers Corps.....	14570
Lake Survey.....	14985
Defense Documentation Center.....	14524
Joint Chiefs of Staff.....	14786
Navy Department	
Marine Corps.....	14987
Medicine and Surgery Bureau.....	14989
Naval Operations Office.....	15240
Naval Observatory.....	15229
Naval Oceanographic Office.....	15230
Naval Personnel Bureau.....	15241
Naval Research Office.....	15250
District of Columbia.....	14525
Equal Employment Opportunity Commission.....	14582
Federal Aviation Agency.....	14598
Air Traffic Service.....	14198
Aviation Medicine Office.....	14243
Flight Standards Service.....	14681
Systems Research and Development Service.....	15384
Federal Communications Commission.....	14619

Beginning
entry

Federal Deposit Insurance Corporation.....	14623
Federal Home Loan Bank Board.....	14627
Federal Maritime Commission.....	14633
Federal Mediation and Conciliation Service.....	14635
Federal Reserve System Board of Governors.....	14637
Federal Trade Commission.....	14647
Foreign Broadcast Information Service.....	14686
Foreign Scholarships Board.....	14691
Foreign-Trade Zones Board.....	14692
General Accounting Office.....	14721
General Services Administration.....	14740
Federal Supply Service.....	14643
National Archives and Records Service	
Federal Register Office.....	14636
Government Printing Office	
Public Documents Division.....	15264
Health, Education, and Welfare Department.....	14757
Education Office.....	14549
Food and Drug Administration.....	14685
Public Health Service.....	15267
National Library of Medicine.....	15219
Social Security Administration.....	15326
Federal Credit Unions Bureau.....	14622
Vocational Rehabilitation Administration.....	15415
Welfare Administration.....	15425
Children's Bureau.....	14282
Family Services Bureau.....	14583
Housing and Urban Development Department.....	14760
Federal Housing Administration.....	14629
Urban Renewal Administration.....	15412
Interior Department.....	14768
Federal Water Pollution Control Administration.....	14648
Fish and Wildlife Service.....	14650
Geographic Names Board.....	14743
Geological Survey.....	17745
Indian Affairs Bureau.....	14763
Mines Bureau.....	14998
National Park Service.....	15220
Outdoor Recreation Bureau.....	15253
Reclamation Bureau.....	15317
Interstate Commerce Commission.....	14784
Joint Publications Research Service.....	14788-1
Justice Department.....	14959
Immigration and Naturalization Service.....	14762
Prisons Bureau.....	15263
Labor Department.....	14961
Labor Standards Bureau.....	14965
Labor Statistics Bureau.....	14968
Manpower Administration	
Apprenticeship and Training Bureau.....	14200
Employment Security Bureau.....	14567
Wage and Hour and Public Contracts Divisions.....	15416
Women's Bureau.....	15430

	Beginning entry
Library of Congress.....	14986
National Aeronautics and Space Administration.....	15036
National Capital Planning Commission.....	15212
National Capital Regional Planning Council.....	15213
National Commission on Food Marketing.....	15214
National Railroad Adjustment Board.....	15226
National Science Foundation	
Science Information Service Office.....	15320
Post Office Department.....	15258
President of United States.....	15261
Executive Office of the President	
Budget Bureau.....	14244
Economic Opportunity Office.....	14526
Renegotiation Board.....	15318
Securities and Exchange Commission.....	15321
Selective Service System.....	15322
Small Business Administration.....	15323
State Department.....	15336
Tariff Commission.....	15385
Tennessee Valley Authority.....	15389
Treasury Department.....	15392
Coast Guard.....	14315
Customs Bureau.....	14513
Internal Revenue Service.....	14775
Narcotics Bureau.....	15035
Veterans Administration.....	15413
White House Conference To Fulfill These Rights.....	15429

Monthly Catalog

NO. 861 • OCTOBER 1966

ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, D.C. 20543

- 14098 Persons under supervision of Federal probation system, fiscal year 1965; [prepared by James A. McCafferty]. [1966.] x+107 p. il. 4[°] +
L.C. card 64-62120 Ju 10.2: P 94 965

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

- 14099 Animal morbidity report, calendar year 1965. July 1966. [4] p. 4[°]
(Technical Services, Animal Disease Eradication Division.) +
A 77.229 2: 965-2

ARS (series). + A 77.15: (nos.)

- 14100 33-114. Field evaluation of chemical compounds for control of cabbage caterpillars; by C. S. Creighton and W. J. Reid, Jr. July 1966. 8 p. 4[°]
[Prepared in cooperation with South Carolina Agricultural Experiment Station.]
L.C. card Agr 66-265
- 14101 41-75-15. Abstracts of recent published material on soil and water conservation, no. 39. [July 1966.] cover title. [2]-186 p. 4[°] [Text on p. 2 of cover.] • Item 25-B
L.C. card Agr 49-669
- 14102 41-122. Storage food routing without coefficients [with list of literature cited; by D. L. Brakensiek]. June 1966. 27 p. il. 4[°]
L.C. card Agr 66-229
- 14103 42-96. Application of granular herbicides to ornamental plant materials in nurseries; by J. P. Mahlstede and W. G. Lovely. May 1966. 16 p. il. 4[°]
L.C. card Agr 66-167
- 14104 42-116. References on regional cotton mechanization research projects S-2 and W-24. May 1966. 51 p. 4[°] [Agricultural Engineering Research Division.]
L.C. card Agr 66-197
- 14105 42-119. Cherry firmness and its relationship to pitter loss; [by] R. E. Parker, J. H. Levin, and H. P. Gaston. May 1966. 8 p. il. 4[°]
L.C. card Agr 66-198
- 14106 42-121. Boll weevil control in field experiment with machine designed to destroy shed cotton squares; [by] Eddie C. Burt, M. E. Merkl, and T. B. Davich. Aug. 1966. 6 p. il. 4[°]
L.C. card Agr 66-292
- 14107 44-176. Value of mature corn for silage; by C. H. Gordon, J. C. Derbyshire, and J. L. Humphrey. May 1966. 6 p. 4[°]
L.C. card Agr 66-280
- 14108 51-6. Evaluation in Illinois of 4 inert dusts on stored shelled corn for protection against insects, progress report [with list of literature cited; by James K. Quinlan and Wayne L. Berndt]. June 1966. 20 p. il. 4[°]
- 14109 51-7. Evaluation of 4 inert dusts for protection of shelled corn in Georgia from insect attack [with list of literature cited; by L. M. Redlinger and H. Womack]. June 1966. 25 p. il. 4[°]
L.C. card Agr 66-269
- 14110 51-8. Evaluation of 4 inert dusts for protection of stored wheat in Kansas from insect attack [with list of literature cited; by G. D. White and others]. June 1966. 21 p. 4[°]
L.C. card Agr 66-270
- 14111 51-9. Malathion-treated drying trays to protect raisins from insects, commercial tests in 1965; [by Howard D. Nelson]. Aug. 1966. 7 p. 4[°]
L.C. card Agr 66-289

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 1

GOVERNMENT PUBLICATIONS

ARS (series)—Continued

- 14112 52-14. Prototype hydrohandling system for sorting and sizing apples before storage; [by B. A. Stout and others]. Aug. 1966. 12 p. il. 4°
[Prepared by Transportation and Facilities Research Division and Departments of Agricultural Engineering and Horticulture, Agricultural Experiment Station, Michigan State University.]
L.C. card Agr 66-268
- 14113 81-12. Cleanup and confirmation of identity of pesticide residues by thin-layer chromatography; pt. 1, Soil, water, and sediment [with list of literature cited]; by R. L. Schutzmann, W. F. Barthel, and J. A. Warrington. May 1966. 12 p. il. 4°
- 14114 National tick surveillance program, calendar year 1965. May 10, 1966. 15 p. il. 4° (Animal Health Division.) † A 77.237/2:965
- 14115 Plant inventory 167, plant material introduced Jan. 1-Dec. 31, 1959 (nos. 254695 to 262678) [received by New Crops Research Branch, Crops Research Division; by] Eugene Griffith and Howard L. Hyland. Aug. 1966. 331 p. † ● Item 101 A 77.515:167
- 14116 Plant quarantine import requirements of Great Britain (England, Scotland, and Wales). July 21, 1966. 7 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes summary June 13, 1960, ECP 1, Sept. 7, 1960, ECP 3, Jan. 17, 1961, and TM Dec. 16, 1964, insofar as they pertain to England, Scotland, and Wales, and TM Sept. 15, 1965.] †
A 77.329: G 798/966
- USDA consumer expenditure survey reports. ● Item 26-B
A 77.22: (nos.)

- 14117 32. Consumer expenditures and income, rural farm population, north central region, 1961, detailed tabulations (table 29). [July 1966.] cover title, il+122 p. 4° [Statistical reports from Survey of consumer expenditures with BLS and CES numbers inside back cover.] * Paper, 60c.
- 14118 33. Consumer expenditures and income, rural farm population, southern region, 1961, detailed tabulations (table 29). [July 1966.] cover title, il+122 p. 4° [Statistical reports from Survey of consumer expenditures with BLS and CES numbers inside back cover.] * Paper, 60c.
- 14119 Veterinary Biologics Division notice 3: Biological products produced in licensed establishments, fiscal year 1966. July 25, 1966. 8 p. 4° (Veterinary Biologics Division.) † A 77.226/3:3

AGRICULTURE DEPARTMENT Washington, D.C. 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 14120 [Address by Secretary of Agriculture Orville L. Freeman at Animal Industry Day at Virginia Polytechnic Institute, Blacksburg, Va., July 29, 1966.] [1966.] 14 p. 4° (2269; USDA 2370-66.) †
A 1.40: F 87/250
- 14121 [Address by Secretary of Agriculture Orville L. Freeman at annual meeting of National Forest Products Association, May 4, 1966, Washington, D.C.] [1966.] 18 p. 4° (2646; USDA 1366-66.) † A 1.40: F 87/232
- 14122 [Address by Secretary of Agriculture Orville L. Freeman at annual spring meeting of National Association of Farm Broadcasters, Washington, D.C., June 29, 1966.] † A 1.40: F 87/244
- 14123 [Address by Secretary of Agriculture Orville L. Freeman at Arlington watershed dedication, Woodbury County, Iowa, June 18, 1966.] [1966.] 9 p. 4° (3009; USDA 1857-66.) † A 1.40: F 87/241
- 14124 [Address by Secretary of Agriculture Orville L. Freeman at ceremonies honoring Phillip Alampi, New Jersey Secretary of Agriculture, as New Jersey's outstanding citizen of the year, Newark, N.J., June 9, 1966.] [1966.] 11 p. 4° (2907; USDA 1728-66.) † A 1.40: F 87/238
- 14125 [Address by Secretary of Agriculture Orville L. Freeman at Washington Agricultural Conference on Trade with Japan, Washington, D.C., June 23, 1966.] [1966.] 10 p. 4° (3047; USDA 1904-66.) †
A 1.40: F 87/243

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14126 [Address by Secretary of Agriculture Orville L. Freeman before Business Council, Hot Springs, Va., May 14, 1966.] [1966.] 17 p. 4° (2736; USDA 1486-66.) † A 1.40: F 87/235
- 14127 [Address by Secretary of Agriculture Orville L. Freeman before Chamber of Commerce, Columbus, Ind., July 22, 1966.] [1966.] 16 p. 4° (2194; USDA 2266-66.) † A 1.40: F 87/245
- 14128 [Address by Secretary of Agriculture Orville L. Freeman before National Press Club, Washington, D.C., May 13, 1966.] [1966.] 10 p. 4° (2733; USDA 1483-66.) † A 1.40: F 87/234
- 14129 [Address by Secretary of Agriculture Orville L. Freeman before Planned Parenthood Federation at luncheon meeting, Washington, D.C., May 6, 1966.] [1966.] 14 p. 4° (2676; USDA 1404-66.) † A 1.40: F 87/233
- Agriculture handbooks. ● Item 3 A 1.76:(nos.)
- 14130 306. Insect pests of deciduous fruits in West; by E. J. Newcomer. [Aug. 1966.] [2]+57 p. il. (Agricultural Research Service.) [Contains information formerly published in Circular 270, Orchard insects of Pacific Northwest and their control.] * Paper, 30c. L.C. card Agr 66-286
- 14131 314. White clover [with list of literature cited; by Pryce B. Gibson and E. A. Hollowell]. [Aug. 1966.] [2]+33 p. il. 4° (Agricultural Research Service.) † L.C. card Agr 66-279
- 14132 324. Administrative manual for McIntire-Stennis cooperative forestry research program. Aug. 1966. iv+29 p. 4° (Cooperative State Research Service.) Page 29 appears on p. 3 of cover.] * Paper, 25c.
- Agriculture information bulletin. ● Item 4
- 14133 307. Rain traps for intercepting and storing water for livestock; [by C. W. Lauritzen and Arnold A. Thayer] [Aug. 1966.] [2]+10 p. il. (Agricultural Research Service.) [Prepared in cooperation with Utah Agricultural Experiment Station.] * Paper, 10c. L.C. card Agr 66-267 A 1.75: 307
- 14134 [Commencement address by Secretary of Agriculture Orville L. Freeman at Fairleigh Dickinson University, Madison, N.J., June 11, 1966.] [1966.] 11 p. 4° (2916; USDA 1738-66.) † A 1.40: F 87/239
- Farmers' bulletins. ● Item 9 A 1.9:(nos.)
- 14135 2042. Commercial growing of sweet corn; [by E. V. Wann and S. H. Yarnell]. [Revised July 1966.] [1966.] [2]+18 p. il. * Paper, 15c. L.C. card Agr 66-243
- 14136 2206. Foot rot of sheep; [prepared by Animal Disease and Parasite Research Division and Animal Health Division, Agricultural Research Service]. [Revised Aug. 1966.] [1966.] 16 p. il. [Some illustrations are colored.] * Paper, 20c.
- Home and garden bulletins. A 1.77:(nos.)
- 14137 10. Home freezing of fruits and vegetables; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Revised May 1965, slightly revised July 1966.] [1966.] 48 p. il. * Paper, 20c.
- 14138 114. Growing flowering perennials; [by Henry M. Cathey]. [Aug. 1966.] ii+22 p. il. ([Crops Research Division, Agricultural Research Service.]) * Paper, 15c. ● Item 11 L.C. card Agr 66-266
- Marketing bulletin. ● Item 13-G
- 14139 1. How to buy poultry by USDA grades. Revised Sept. 1966. [1966.] [6] p. il. narrow 8° (Consumer and Marketing Service.) † A 1.95: 1/3
- Marketing research reports. ● Item 13-B A 1.82:(nos.)
- 14140 749. Chilling injury of eggplant fruits; [by Lacy P. McColloch]. [Aug. 1966.] [2]+5 p. il. (Agricultural Research Service.) * Paper, 5c. L.C. card Agr 66-285
- 14141 760. Homemakers' opinions about and preferences for broiler-fryers and turkeys; [by Edward M. Knott]. [July 1966.] cover title, iv+136 p. 4° (Statistical Reporting Service.) * Paper, 65c. L.C. card Agr 66-283
- 14142 764. Pooling by Florida citrus cooperatives following 1962 freeze; [by] Fred E. Hulse, Julian R. Meitin and H. G. Hamilton. [July 1966.] vi+16 p. il. 4° (Farmer Cooperative Service.) [Prepared in cooperation with Florida Agricultural Experiment Stations, University of Florida.] * Paper, 20c. L.C. card Agr 66-272
- 14143 766. Losses in transporting and handling grain by selected grain marketing cooperatives; [by] Joseph E. Rickenbacker and William H. Thompson. [Aug. 1966.] iv+22 p. il. 4° (Farmer Cooperative Service.) † L.C. card Agr 66-287

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 3

Marketing research reports—Continued

- 14144 767. Young people's use and appraisal of natural and competing fibers in wearing apparel; [by Special Survey Branch, Standards and Research Division, Statistical Reporting Service]. [Aug. 1966.] cover title, ii+190 p. 4° (Statistical Reporting Service.) †
L.C. card Agr 66-293

Miscellaneous publications. ● Item 13-A A 1.38:(nos.)

- 14145 1014. Opportunities for doctors of veterinary medicine in USDA. [June 1966.] [4] p. il. [Supersedes MP 858 Opportunities for doctors of veterinary medicine in ARS.] †
- 14146 1021. Storage shed for fertilizer, 40 ton capacity. July 1966. 2 p. il. 4° (Co-operative farm building plan exchange; plan 5966.) * Paper, 5c.
- PA [Program aid] (series). ● Item 14-A A 1.68:(nos.)
- 14147 268. Outline for teaching conservation in elementary schools [with list of references]. [Aug. 1955, slightly revised July 1966.] [1966.] [2]+14 p. il. 4° (Soil Conservation Service.) †
- 14148 399. Packers and stockyards act, what it is, how it operates. [Revised July 1963, slightly revised July 1966.] [1966.] [2]+8+[1] p. il. (Consumers and Marketing Service, Packers and Stockyards Division.) †
- 14149 728. Shopper's guide for canned peas. July 1966. [4] p. il. 4° (Consumer and Marketing Service.) * Paper, 5c.

Production research report. ● Item 13-C

- 14150 93. Anatomical and agronomic studies of phormium in western Oregon [with list of literature cited; by Yesh Pal Puri and others]. [Aug. 1966.] [3]+43 p. il. (Agricultural Research Service.) [Prepared in cooperation with Oregon Agricultural Experiment Station.] * Paper, 15c.
L.C. card Agr 66-290 A 1.84: 93
- 14151 [Remarks by Secretary of Agriculture Orville L. Freeman at National Legislative Leaders Conference, Washington, D.C., June 16, 1966.] [1966.] 9 p. 4° (2987; USDA 1830-66.) † A 1.40: F 87/240
- 14152 [Remarks by Secretary of Agriculture Orville L. Freeman at signing ceremonies for 1st Greenspan agreement under cropland adjustment program in Newark, N.Y., May 26, 1966.] [1966.] 13 p. 4° (2808; USDA 1603-66.) † A 1.40: F 87/237
- 14153 [Remarks by Secretary of Agriculture Orville L. Freeman to Board of Directors of International Voluntary Services, Washington, D.C., May 25, 1966.] [1966.] 8 p. 4° (2798; USDA 1589-66.) † A 140: F 87/236
- 14154 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Bismarck, N. Dak., July 23, 1966.] [1966.] 16 p. 4° (2207; USDA 2282-66.) † A 1.40: F 87/247
- 14155 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Columbus, Nebr. July 23, 1966.] [1966.] 17 p. 4° (2206; USDA 2281-66.) † A 1.40: F 87/248
- 14156 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Janesville, Wis., July 22, 1966.] [1966.] 16 p. 4° (2205; USDA 2280-66.) † A 1.40: F 87/246
- 14157 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Seymour, Ind., July 22, 1966.] [1966.] 17 p. 4° (2196; USDA 2268-66.) † A 1.40: F 87/249
- 14158 [Report and review session statement by Secretary of Agriculture Orville L. Freeman at Spencer, Iowa, June 18, 1966.] [1966.] 13 p. 4° (2101; USDA 1859-66.) † A 1.40: F 87/242
- 14159 Report of technical study group: Addendum to statistical appendix of Cotton in Soviet Union. [July 1966.] [2] p. 4° ([Foreign Agricultural Service.]) †
L.C. card Agr 59-189 A 1.94: C 82/add.-7
- 14160 [Speech to be delivered by Secretary of Agriculture Orville L. Freeman before Overseas Press Club, New York, N.Y., Apr. 13, 1966.] [1966.] 18 p. 4° (2460; USDA 1122-66.) † A 1.40: F 87/229

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1966

Statistical bulletin. ● Item 15

- 14161 375. Consumption of commercial fertilizers and primary plant nutrients in United States, 1850-1964, and by States, 1945-64. June 1966. cover title, 84 p. il. 4° (Statistical Reporting Service, Crop Reporting Board.) * Paper, 45c.
L.C. card Agr 66-224 A 1.34 : 375

Technical bulletins. † ● Item 16

A 1.36 : (nos.)

- 14162 1351. Aggregate economic effects of alternative land retirement programs, linear programming analysis [with list of literature cited; by Norman K. Whittlesey and Earl O. Heady]. [Aug. 1966.] cover title, iv+54 p. il. (Economic Research Service.) [Prepared in cooperation with Center for Agricultural and Economic Development, Iowa Agricultural and Home Economic Experiment Station, Iowa State University.]
L.C. card Agr 66-271
- 14163 1358. Effect of annual applications of diuron on seed yields of perennial grasses in Oregon [with list of literature cited; by William O. Lee]. [July 1966.] [3]+23 p. il. ([Crops Research Division], Agricultural Research Service.) [Prepared in cooperation with Oregon Agricultural Experiment Station.]
L.C. card Agr 66-259
- 14164 1361. Fiber and papermaking characteristics of bamboo [with list of literature cited; by J. R. Hann, T. F. Clark, and George A. Whitel.]. [Aug. 1966.] [3]+19 p. (Agricultural Research Service.) * Paper, 15c.
L.C. card Agr 66-278

AIR FORCE ACADEMY, Defense Dept. United States Air Force Academy, Colo. 80840

- 14165 Eighth Air Force Academy Assembly, cultural affairs and foreign relations, Mar. 30-Apr. 2, 1966, co-sponsored by American Assembly, Columbia University, New York, and United States Air Force Academy, final report. [1966.] 98+[2] p. il. †
L.C. card 66-62435 D 305.11 : 966

Harmon memorial lectures in military history.

- 14166 8. Innovation and reform in warfare; [by] Peter Paret. 1966. [5]+17 p. il. † (Available to colleges, universities, and libraries). D 305.10 : 8

AIR FORCE DEPARTMENT, Defense Dept. Washington, D.C. 20330

Air Force manual AFM (series).

- 14167 50-3. Air Force leadership. [Aug. 1, 1966.] cover title, ii+143+[45] p. il. 4° [Supersedes AFM 50-3, July 1, 1964.] † ● Item 421 D 301.7 : 50-3/2
- 14168 68-3. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.
- 14169 88-3, chap. 13. See Army Department, Technical manual 5-809-10.
- 14170 88-19, chap. 2. See Army technical manual TM 5-852-2.
- 14171 88-40, chap. 1. See Army Department Technical manual 5-892-1.
- 14172 88-40, chap. 42. See Army Department Technical manual 5-892-2.

Air Force pamphlet AFP (series).

- 14173 40-20-5. Employment for librarians with Air Force. July 1, 1966. [2]+14 p. il. narrow 8° [Supersedes Mar. 1, 1963 issue.] † ● Item 421-A D 301.35 : 40-20-5/2
- 14174 190-1-12. See Armed Forces Information and Education, DOD pamphlet 1-20.
- 14175 190-1-22. See Armed Forces Information and Education, DoD pamphlet PA-10.
- 14176 211-1-10. See Armed Forces Information and Education, DOD pamphlet PA-1.
- 14177 213-1-1. See Armed Forces Information and Education, DoD pamphlet 7-12.

Air Force Systems Command pamphlet AFSCP (series).

- 14178 80-5. Research and development: Guide for design, conduct, and analysis of Air Force tests [with select bibliography] Apr. 1, 1966. cover title, iii+[71] p. il. 4° [Issued with perforations.] † ● Item 421-A D 301.35/3 : 80-5
L.C. card 66-62511

14179 Lunar charts and mosaic [charts of the moon] series.

NOTE.—The 1st series of charts consisting of LEM-1, 1A, LAC 58, 76, 57, 75, 74, 93, 60, 61, 78, 79, 59, 77 and 56, may be purchased as a set, *\$7.50 per set.
The 2d series, consisting of LEM-1B, LAC 41, 40, 39, 62, 80, 94, 42 and 95, may be purchased as a set, \$5.50 per set.

The 3d series, which when complete will include LAC 38, 96, 97, 43, 44, 98, 92, 25, 24, 114 may also be purchased on subscription basis, *\$4.50 domestic, \$1.00 additional for foreign mailing, and 50c. per single copy.

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 5

GOVERNMENT PUBLICATIONS

Lunar charts and mosaic [charts of the moon] series—Continued

LAC 98. Petavius. Scale 1:1,000,000. 1st edition May 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Lambert conformal projection. Published for Air Force and National Aeronautics and Space Administration. Clarification of surface features appears on verso.] D 301.49/4: LAC 98

- 14180 Lunar charts [Apollo intermediate charts] AIC (series). [Mercator projection. Published for National Aeronautics and Space Administration.] L.C. card Map 66-58 D 301.49/4: AIC (nos.)

NOTE.—This series, which when complete will include AIC 58C, 58D, 60D, 77A, 59C, 59D, 60C, 77B, 78A, 78B, 79A, 61D, 76A, 76B, 61C, 79B, 57C, and 75B, may also be purchased on a subscription basis, *\$8.50, \$2.00 additional for foreign mailing, and 50c. per single copy.

60C. Arago. Scale 1:500,000. 1st edition Mar. 1966. Aeronautical Chart and Information Center [May 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]

- 14181 61D. Maskelyne D. Scale 1:500,000. 1st edition May 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]

- 14182 79A. Capella. Scale 1:500,000. 1st edition June 1966. Aeronautical Chart and Information Center [June 1966]. 22 x 29 in. [Clarification of surface features appears on verso.]

Personnel Research Laboratory: Technical report PRI-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) D 301.45/27: (nos.)

- 14183 65-23. Abstracts of personnel research reports: [v. 6, 1954-65; compiled by Jo Ann Elson. Dec. 1965. v+99+[2] p. 4° ([Projects 6755, 7717, 7719 and 7734.]) †(Price upon application).]

- 14184 66-4. Perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts [with lists of references]; by George E. Passey, William A. McLaurin. June 1966. vi+236+[2] p. 4° ([Contract AF41(600)2796, project 7719, task 771904; Lockheed-Georgia Company.]) †(Price upon application).]

- 14185 Proceedings, symposia on arctic biology and medicine: 5, Nutritional requirements for survival in cold and at altitude [with lists of references]; editor, Lucile Vaughan. 1965. cover title, xi+363 p. ill. (Arctic Aeromedical Laboratory, Fort Wainwright, Alaska.) ‡ L.C. card 66-62540 D 301.45: Ar 2/no.5

- 14186 Ranger VIII lunar charts RIC (series); compiled and published for National Aeronautics and Space Administration by Aeronautical Chart and Information Center. * Paper, \$2.50 per set of 7 charts. D 301.49/4: RIC-6-12

6. Hypatia. Scale 1:1,000,000 at 11°45'. 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

7. Sabine. Scale 1:250,000 at 11°00'45". 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

8. Sabine D. Scale 1:100,000 at 11°00'45". 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

9. Sabine DM. Scale 1:50,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

10. Sabine EF. Scale 1:15,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

11. Sabine EB. Scale 1:5,000 at 11°00'45". 1st edition Mar. 1966. [May 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

12. Sabine EBF. Scale 1:2,000 at 11°00'45". 1st edition Mar. 1966. [June 1966.] 22 x 29 in. [Mercator projection.]

- 14187 Ranger IX lunar charts RLC (series); compiled and published for National Aeronautics and Space Administration by Aeronautical Chart and Information Center. * Paper, \$1.75 per set of 5 charts. D 301.49/4: PLC 13-17

13. Ptolemaeus. Scale 1:1,000,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

14. Alphonsus. Scale 1:250,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

15. Alphonsus GA. Scale 1:50,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
16. Alphonsus GP. Scale 1:10,000 at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection. Clarification of surface features on verso.]
17. Alphonsus GLH. True scale at 11°00'45". 1st edition May 1966. [June 1966.] 22 x 29 in. [Mercator projection.]

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡

D 301.26/13-4: (nos.)

- 14188 3-66. Pharmacology and toxicology of propellant fuels; Boron hydrides [with list of references; by] James H. Merritt. June 1966. [1]+11 p.
- 14189 4-66. Primer of vestibular function, spatial disorientation, and motion sickness [with bibliography; by] Kent K. Gillingham. June 1966. iii+80 p. il.

— Technical report SAM-TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡

D 301.26/13-6: (nos.)

- 14190 66-21. Postirradiation creatinuria in Macaca mulatta primates [with list of references; by] I. G. Peters, H. E. Hamilton. Aug. 1966. cover title, iii+5+[2] p. il. 4° [Prepared in Radiobiology Branch under task 775702.]
- 14191 66-46. Factors in job-satisfaction: [by] George K. Cantrell, Lewis S. Sims, jr., Bryce D. Hartman. May 1966. cover title, iii+34+[2] p. 4° [Prepared in Biodynamics Branch under task 793003.]
- 14192 66-57. Factors in job-satisfaction, analysis of spontaneous comments: [by] George K. Cantrell, Lewis S. Sims, jr., Bryce O. Hartman. June 1966. cover title, iii+11+[2] p. il. 4° [Prepared by Biodynamics Branch under task 793003.]
- 14193 66-58. Intraspecies biologic and behavioral variability [with list of references; by] Stirling P. Stackhouse. June 1966. cover title, iii+23+[2] p. il. 4° [Prepared at Honeywell, Inc., Research Systems and Research Division, St. Paul, Minn., under task 775702, contract AF 41(609)-2937.]
- 14194 66-63. Speed of recovery from coriolis stimulation in motion sickness in relation to pilots and nonpilots [with list of references; by] Patrick J. Dowd. July 1966. cover title, iii+4+[2] p. 4° [Prepared in Aeromedical Indoctrination Branch under task 775003.]
- 14195 66-71. Evaluation of 2 percent gold visor: [by] John A. Carpenter, Everett O. Richey. Aug. 1966. cover title, iii+4+[2] p. il. 4° [Prepared Ophthalmology Branch under task 630103, project 5710, subtask 03.003.]
- 14196 66-212. Influence of manned space flight on cardiovascular function [with list of references]; by Lawrence E. Lamb. Jan. 1966. cover title, p. 118-133+[2] p. 4° [Reprinted from Cardiologia 48, 1966. Summary in [English, German, and French].]

- 14197 United States Air Force report, fiscal year 1966 [to our shareholders]. [1966.] [2]+14+[4] p. il. 12° ‡ ● Item 424 D 301.2: A1 7/10/966

AIR TRAFFIC SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 14198 Aviation weather procedures handbook, 7200.1, change 2. [May 23, 1966.] [19] p. 4° [Effective Aug. 18, 1966; cancellation date Jan. 1, 1967. Issued in looseleaf form.] ‡ ● Item 431-D-1 FAA 3.8/2: W 37/ch.2
- 14199 International flight information manual, v. 14, Apr. 1966. [1966.] xxix+107 p. il. 4° (Flight Information Division, National Flight Data Center (AT-430).) [Issued with perforations.] * Paper, \$1.25 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. [Amdt. 1, dated July 1966, 50 p., issued also.] ● Item 431-C-18 FAA 3.13: 14

APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, D.C. 20210

- 14200 Apprenticeship and training policy for dental laboratory technicians, developed and adopted by National Association of Dental Laboratories, Incorporated, and recognized by Bureau of Apprenticeship and Training. 1966 edition. [1966.] cover title, [2]+29 p. il. [Text on p. 2 of cover.] ‡ ● Item 748
L.C. card 66-62536 L 23.2: D 43/966

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

- 14201 Apprenticeship and training standards for automobile mechanic, body repairman and painter, developed by Independent Garage Owners of America. 1966 edition [1966.] cover title, iv+27 p. il. [Prepared by IGOA National Apprenticeship and Technical Training Committee and approved by Independent Garage Owners of America, Inc., in accordance with recommended standards of Bureau of Apprenticeship and Training, in cooperation with Department of Labor, Bureau of Apprenticeship and Training.] † ● Item 748
L.C. card 66-62539 L 23.2: Au 8/3/966

- 14202 National apprenticeship and training standards for glaziers and glassworkers, adopted by National Joint Glazier and Glassworker Apprenticeship Committee, representing employers in glass and glazing industry and Brotherhood of Painters, Decorators, and Paperhangers of America, in conformance with basic recommendations of Bureau of Apprenticeship and Training. 1966 edition. [1966.] cover title, ix+22 p. il. [Text on p. 2 of cover.] † ● Item 748
L.C. card 66-62536 L 23.2: G 46/3/966

ARMED FORCES INFORMATION AND EDUCATION, Defense Dept.
Washington, D.C. 20301

DoD pamphlets. ● Item 312-A

- 14203 7-12. Correspondence courses offered by colleges and universities through United States Armed Forces Institute: [July 29, 1966.] [Revised 1966.] [1966.] cover title, [1]+396 p. 4° ([Army Dept.] DA Pam. 350-6; [Navy Dept.] NAVPERS 15819N; [Air Force Dept.] AFP 213-1-1; [Marine Corps]; NAVMC 1084 (Rev. [1966]).] [Supersedes DoD Pam 7-12, DA Pam. 350-6, NAVPERS 15819M, AFP 213-1-1, NAVMC 1084 (Rev. 1965.), June 28, 1965.] †
L.C. card 56-63989 D 2.14: 7-12/4
- 14204 GEN-24. Women in Armed Forces. [July 21, 1966.] 12 p. il. 4° †
D 2.14: GEN-24
- 14205 PA-1A. Disability separation, facts for your future. [1966.] vi+68 p. il. oblong 32° ([Army Dept.] DA Pam. 360-506 (rev. 66); Navy Dept. NAVPERS 15863E; Air Force Dept. AFP 211-1-10 (rev. 66); Marine Corps NAVMC 1117-PD (rev. 66); Coast Guard, CG-283.) [Supersedes DOD PA-1 DA Pam. 360-506, NAVPERS 15863D AFP 211-1-10, NAVMC 1117-PD (rev. 65), CG 283, Sept. 3, 1964.] †
D 2.14: PA-1A
- 14206 PA-10. Credit, master of servant? [1966.] cover title, iv+52 p. il. small 4° ([Army Dept.], DA Pam 360-520; [Navy Dept.] NAVPERS 15221; [Air Force Dept.], AFP 190-1-22; [Marine Corps], NAVMC 2613.)
* Paper, 25c. D 2.14: PA-10

ARMS CONTROL AND DISARMAMENT AGENCY
Washington, D.C. 20451

- 14207 Community readjustment to reduced defense spending, case studies of potential impact on Seattle-Tacoma, Baltimore and New London-Groton-Norwich [final report]. Dec. 1965. [published 1966]. [427] p. 4° ([Publication 33.]) [Prepared by National Planning Association under contract ACDA/E-57. Title on cover is: Community adjustment to reduced defense spending.] * Paper, \$2.00. ● Item 125-A-3
L.C. card 66-62466 AC 1.2: C 73/2

ARMY DEPARTMENT, Defense Dept.
Washington, D.C. 20310

AMC pamphlets. (Army Materiel Command.) † ● Item 322-A
D 101.22/3: (nos.)

- 14208 230-1. Nonappropriated funds and related services: Open mess management handbook [with list of references]. July 1966. cover title, v+57 p. 4° [Text on p. 2 of cover. Issued with perforations.]
L.C. card 66-62512
- 14209 700-1. Logistics: Machining data. May 1966. cover title, [1]+vii+601 p. il. 4° [Prepared by Metcut Research Associates Inc. under contract DA-11-070-AMC-224(W). Includes list of sources of machining data. Text on p. 2-3 of cover. Replaces ORDP 40-1, July 29, 1961. Issued with perforations.]
L.C. card 66-62467

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Cold Regions Research & Engineering Laboratory, Hanover, N.H.: Research report. (Army Materiel Command.)

- 14210 87. Plane plastic deformation of soils [with list of literature cited]: by Shunsuke Takagi. July 1966. iv+42+[2] p. il. 4° (DA task IV014501B52A02.) [Errata sheet, 1 p., issued also.] ‡ D 103.33/3: 87

— Special report. (Army Materiel Command.)

- 14211 72. Performance study of DEWline ice cap stations, Greenland, 1963 [with selected bibliography]: by S. C. Reed. May 1966. iv+25 p. il. 4° (DA task IV025001A13001.) [Errata, 1 p., issued also.] ‡ D 103.33/2: 72

— Technical report. (Army Materiel Command.)

- 14212 175. Spread footing foundations on snow [with list of literature cited]: by Sherwood C. Reed. Apr. 1966. iv+40+[2] p. il. 4° [Errata sheet, 1 p. 4°, was issued also.] ‡ D 103.33: 175

- 14213 Executive Corridor [of] Secretary of Army and Chief of Staff, Army [Pentagon]. [1966.] cover title, [24] p. il. oblong 12° [This exhibit of reproduction of paintings has for its theme saga of glory which began with birth of United States Army in 1775.] ‡ ● Item 325
D 101.2: Ex 3/2

Pamphlets. ● Item 327

- 14214 30-1. Food service, Army rations, food packets, and supplements. June 1966. cover title, 21 p. il. 16° [Issued with perforations. Supersedes TM QM52, Sept. 11, 1962.] ‡ D 101.22: 30-1
- 14215 350-6. See Armed Forces Information and Education, DoD pamphlet 7-12.
- 14216 360-506. See Armed Forces Information and Education DoD pamphlet PA-1A.
- 14217 360-520. See Armed Forces Information and Education, DoD pamphlet PA-10.
- 14218 600-2. See Armed Forces Information and Education, DoD pamphlet 1-20.
- 14219 601-1. Become a leader, apply for OCS. June 1, 1966. vi+21 p. il. 4° [Title on cover is: OCS story, train today, lead tomorrow. Supersedes DA Pam 20-18, Mar. 1963. cover illustration is colored.] ‡
D 101.22: 601-1/2

- 14220 Reports of General MacArthur: Campaigns of MacArthur in the Pacific, v. 1; prepared by his General Staff. [1966.] xvi+490 p. il. large 4° [Illustrated lining papers. Some illustrations are colored.] * Cloth, \$10.00 ● Item 325
L.C. card 66-60005
D 101.2: M 11/v.1

SMC pamphlet. (Supply and Maintenance Command.) ● Item 322-A

- 14221 1-4. Administration: Project listing. May 1966. cover title, 159 p. 4° [While data based on as of Oct. 15, 1965 date, no projects completed as of Oct. 29, 1965, included. Issued with perforations. Supersedes SMC pamphlet 1-4, Nov. 1, 1965.] ‡
L.C. card 66-62465
D 101.22/5: 1-4

Technical manual TM (series).

D 101.11: (nos.)

- 14222 5-800-1. Basic criteria and construction standards for Army facilities [with list of references]. Aug. 1966. cover title, 67+[63] p. 4° [Issued in looseleaf form. Supersedes TM 5-800-1, Nov. 1, 1963, previously designated Corps of Engineers manual EM-1110-3-101, including Changes 1, 2, 4 and 5.] ‡ ● Item 329
- 14223 5-809-10. Seismic design for buildings [with list of references]. Mar. 1966. v+[313] p. il. 4° (Department of Navy publication, NAVDOCKS P-355; Department of Air Force manual, AFM 88-3, chap. 13.) [Prepared jointly by Departments of Army, Navy, and Air Force.] * Paper, \$3.50. ● Item 329
L.C. card 66-62522
- 14224 5-838-2. Medical facilities, design of Army medical facilities, Change 1. May 20, 1966. [1]+10 p. [Issued with perforations.] ‡ ● Item 329
- 14225 5-842-3. Dining facilities for enlisted personnel [with list of references]. Aug. 1966. cover title, 11+[1] p. 4° [Issued with perforations. Supersedes that part of TM 5-842-1 (EM 1110-3-201) July 2, 1959 which pertains to enlisted dining facilities.] ‡ ● Item 329
- 14226 5-852-2. Arctic and subarctic construction site selection and development [with list of references]. July 1966. cover title, [47] p. il. 4° (Air Force Department AFM 88-19, chap. 2.) [Issued with perforations. Supersedes TM 5-852-2, Oct. 1954 previously designated as both Engineering manual for military construction, pt. 15, chap. 2 and Corps of Engineers manual EM 1110-3-45-371.] ‡ ● Item 329
L.C. card 66-62523
- 14227 5-892-1. Arctic and subarctic construction: General provision, emergency construction [with list of references]. July 1966. cover title, 36+[3] p. il. 4° (Air Force Dept. manual AFM 88-40, chap. 41.) [Issued in looseleaf form.] ‡
L.C. card 66-62525
D 101.11: 5-892-1

GOVERNMENT PUBLICATIONS

Technical manual TM (series)—Continued

- 14228 5-892-2. Arctic and subarctic construction: Site selection and development, emergency construction [with list of references]. July 1966. cover title, 10+ [31] p. il. 4° (Air Force Dept. manual AFM 88-40, chap. 42.) [Issued in looseleaf form.] ‡
L.C. card 66-62524
- 14229 10-300. Military fixed drycleaning plant. Mar. 1966. cover title, 132 p. il. 4° [Supersedes TM-10-300, Aug. 22, 1955, including C 6, Apr. 5, 1961.] ‡ ● Item 329
- 14230 55-204. Maintenance of railroad way and structures [with list of references]. June 1966. cover title, 78+ [1] p. il. 4° [Issued with perforations.] ‡ ● Item 329
- 14231 755-200. See Defense Department, Defense Supply Agency handbook DSAH 4160.1.

USAAVLABS technical reports. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) ‡ D 117.8/2:(nos.)

- 14232 66-10. XV-9A hot cycle research aircraft program, summary report [with list of references]; by S. Cohan, N. B. Hirsh. June 1966. cover title, [1]+x+71+[2] p. il. 4° (Contract DA 44-177-AMC-877(T), [task 1M121401D14403].) [Prepared by Hughes Tool Company, Aircraft Division, Culver City, Calif.]
- 14233 66-34. Cost and effectiveness evaluation of automated cargo delivery systems in Army aircraft, final report [with bibliography]; by Donald A. Andrastek, Reginald R. Belding, James W. Wollaston. June 1966. [1]+xix+196+[2] p. il. 4° (Project 1F 121401A254, contract DA 44-177-AMC-270(T); Douglas report DAC 56004.) [Prepared by Douglas Aircraft Company, Inc., Aircraft Division, Long Beach, Calif.]

USAPRO technical research note. (Army Personnel Research Office.)

- 14234 164. Team procedures in image interpretation [with selected bibliography]; by Stanley F. Bolin, Robert Sadacca, and Harold Martinek. Dec. 1965. [8]+32 p. 4° (Support Systems Research Laboratory; Army project 2J620901A721, Component integration c-11.) [There are no pages numbered 26 and 28 but no text is missing.] ‡ (Price upon application, AD480533). D 101.60:164

ARMY MEDICAL SERVICE, Defense Dept. Washington, D.C. 20310

Army Medical Research & Nutrition Laboratory, Fitzsimmons General Hospital, Denver, Colo., report.

- 14235 297. Human body density and fat of adult male population as measured by water displacement [with bibliography]; by Harry J. Krzywicki and Kenneth S. K. Chiu. July 21, 1966. ii+13+[2] p. 4° (Project 3A14501B71K research in biomedical science, task 02, internal medicine, work unit 061, work performance and body composition as related to environment and nutritional status.) ‡ D 104.17:297

ATOMIC ENERGY COMMISSION Washington, D.C. 20545

AEC research and development reports. Y 3.At 7/22:(letters-nos.)

- 14236 NAS-NS-3109. Nuclear science series: Radiochemical techniques, Processing of counting data; [by P. C. Stevenson]. [May 1966.] cover title, vi+167 p. il. (National Academy of Sciences, National Research Council.) ‡ Paper, \$1.75.
- 14237 PNE-515. Plowshare, civil, industrial and scientific uses for nuclear explosives. Project Pre-Schooner II. Bruneau Plateau, Idaho, Sept. 30, 1965, final report: Subsurface effects measurements [with bibliography]; by] M. Heusinkveld, R. E. Marks. June 1966. cover title, 45 p. il. 4° (U.S. Army Engineer Nuclear Cratering Group, Livermore, Calif.) ‡ Paper, \$2.00.
- 14238 New era of international science, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at International Conference on Nuclear Physics, Gatlingburg, Tenn., Sept. 13, 1966. 1966. 12 p. 4° (S-25-66.) ‡ Y 3.At 7:34 Se 1/108
- 14239 Plowshare program during 1965. [1966.] cover title, 22 p. il. [Based on annual report to Congress for 1965 of Atomic Energy Commission.] * Paper, 15c. Y 3.At 7:2 P 72/2/965
- 14240 United States uranium resources and requirements for civilian power, remarks by Rafford L. Faulkner, Director, Division of Raw Materials, Atomic Energy Commission, International Nuclear Industries Fair and Technical Meetings, Basel, Switzerland, Sept. 8, 1966. [1966.] 8 p. 6 leaves, il. 4° (S-23-66.) ‡ Y 3.At 7:34 F 27/6

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

- 14241 Uranium, supply and demand situation, remarks by Wilfrid E. Johnson, commissioner, Atomic Energy Commission, before American Mining Congress, Salt Lake City, Utah, Sept. 14, 1966. 1966. 9 p. 4° (S-26-66.) † Y 3.At 7: 34 J 639
- 14242 X-10 reactor, landmark of nuclear age, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at designation of X-10 reactor as national historic landmark, Oak Ridge, Tenn., Sept. 13, 1966. 1966. 3 p. 4° (S-24-66.) † Y 3.At 7: 34 Se 1/107

AVIATION MEDICINE OFFICE, Federal Aviation Agency
Washington, D.C. 20553

Aviation medical report AM (series).

- 14243 66-18. Evaluation of head and face injury potential of current airline seats during crash decelerations [with list of references; by] John J. Swearingen. June 1966. [4]+14+[2] p. il. 4° Φ (Price upon application). FAA 7.12: 66-18

BUDGET BUREAU, Executive Office of the President
Washington, D.C. 20503

Working papers. †

PrEx 2.17: (nos.)

- 14244 [66-1.] Federal-State-local cooperative arrangements in statistics, statements on programs and problems of Federal-State-local cooperative arrangements for selected statistical activities prepared for National Conference of Comparative Statistics, Feb. 23-25, 1966, Washington, D.C. [1966.] cover title, 47 p. 4° (Office of Statistical Standards.) [Publication incorrectly numbered 1.]
- 14245 66-2. Program of Interagency Committee on Occupational Classification, Bureau of Budget, progress report on review of collection and classification procedures in Federal agencies and plans for future work; prepared by Ann R. Miller. Mar. 1966. 13 p. 4° (Office of Statistical Standards.)

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce
Dept., Washington, D.C. 20230

- 14246 Facts for marketers: Standard metropolitan statistical areas in South Atlantic region geographical division. Apr. 1966. [2]+48+[2] p. oblong 12°. [Text on p. 2 of cover. Includes list of reference sources.] * Paper, 35c. ● Item 215
- L.C. card 66-61205 C 41.2: M 34/3/sa

BUSINESS ECONOMICS OFFICE, Commerce Dept.
Washington, D.C. 20230

Growth patterns in employment by county, 1940-50 and 1950-60. (Regional Economics Division.) ● Item 227-A.

- 14247 v. 8. Far West [with list of some related references]; by Lowell D. Ashby. [1965, published 1966.] xvi+[73] p. il. 4° * Paper, 60c. C 43.2: Em 7/v.8
- L.C. card 65-61774

CENSUS BUREAU, Commerce Dept.
Suitland, Md. 20233

- 14248 Announcement and order form, 1963 census of business area statistics v. 2, 5, and 7), retail, wholesale, services. Apr. 1966. [2] p. oblong 8°, folded into oblong 48° size. (Form BC-1226.) † C 3.202/14: 963-7
- Annual survey of manufactures, 1964, M64 (AS). (series).
- 14249 7.0. General statistics for divisions and States. [1966.] 3 p. 4° † Paper, 10c. C 3.24/9: M 64 (AS)-7.0

1963 census of manufactures: [Area statistics] MC63(3)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 3, Area statistics.] ● Item 137 C 3.24/3: 963/(nos.)

- 14250 3. Arizona. [Aug. 1966.] cover title, vi+16 p. il. 4° * Paper, 25c.
- 14251 46. Vermont. [1966.] cover title, vi+14 p. il. 4° * Paper, 25c.
- 14252 48. Washington. [Aug. 1966.] cover title, vi+22 p. il. 4° [Text on p. 2 of cover.] * Paper, 30c.
- 14253 51. Wyoming. [Aug. 1966.] cover title, vi+12 p. il. 4° * Paper, 25c.

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

1963 census of manufactures: Special report MC 63(S)-(series). ● Item 135 C 3.24/15: 963/(nos.)

- 14254 4.1. Location of manufacturing plants by county, industry, and employment size: pt. 1, New England division, Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut. [Aug. 1966.] cover title, iv+43 p. 4° * Paper, 45c.
- 14255 4.2. Same: pt. 2, Middle Atlantic division: New York, New Jersey, Pennsylvania. [Aug. 1966.] cover title, iv+96 p. 4° * Paper, 65c.
- 14256 4.3. Same: pt. 3, East North Central division: Ohio, Indiana, Illinois, Michigan, Wisconsin. [Aug. 1966.] cover title, iv+133 p. 4° * Paper, \$1.00.
- 14257 4.4. Same: pt. 4, West North Central division: Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas. [Aug. 1966.] cover title, iv+85 p. 4° * Paper, 60c.
- 14258 4.5. Same: pt. 5, South Atlantic division, Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida. [Aug. 1966.] cover title, iv+112 p. 4° * Paper, 65c.
- 14259 4.6. Same: pt. 6, East South Central division, Kentucky, Tennessee, Alabama, Mississippi. [Aug. 1966.] cover title, iv+59 p. 4° * Paper, 45c.
- 14260 4.8. Same: pt. 8, Mountain division, Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada. [Aug. 1966.] cover title, iv+41 p. 4° * Paper, 40c.

1963 census of mineral industries: [Industry statistics] MIC63(1) (series). [Preprint from v. 1, General summary and industry statistics.] ● Item 158 C 3.216: 963/(nos.)

- 14261 10E. Metal mining services and miscellaneous ores: [prepared by Wilhelmina F. Whiting, assisted by Frank Roy]. [July 1966.] cover title, vi+32 p. il. 4° * Paper, 35c.
- 14262 14B. Stone: [prepared by Wilhelmina F. Whiting, assisted by Patricia L. Horning]. [Aug. 1966.] cover title, vi+68 p. il. 4° * Paper, 45c.

Construction reports: Building permit, C 42 (series).

- 14263 65-13. Housing authorized in permit-issuing places: Summary statistics, 1965. [1966.] cover title, [1]+41 p. il. 4° ([Construction Statistics Division.]) † Paper, 10c. ● Item 140-A (Rev.) C 3.215/6: C 42-65-13

County business patterns, CBP (series). [Prepared in cooperation with Social Security Administration.] ● Item 133-A C 3.204:(nos.)

- 14264 65-21. Maine, 1965. [Aug. 1966.] cover title, viii+33 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c.
- 14265 65-23. Massachusetts, 1965. [Aug. 1966.] cover title, viii+71 p. il. 4° [Text on p. 2 of cover.] * Paper, 60c.
- 14266 65-41. Rhode Island, 1965. [Oct. 1966.] cover title, viii+26 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c.

County business patterns, 1964. (Business Division.) [Prepared in cooperation with Social Security Administration.]

- 14267 pt. 5. Pennsylvania-Wyoming. [1966.] xix+[949] p. il. 4° * Cloth, \$6.25. L.C. card 49-45747 C 3.204/2: 964/pt.5
- 14268 County business patterns 1964, pts. 1-5, Employment and taxable payrolls, number and employment size of reporting units by industry groups, buckram edition now available [announcement and order form]. Apr. 1966. [5] p. narrow 8° (Form BC 1240.) † L.C. card 49-45747 rev. 2 C 3.204/2: 964/ann.

Current housing reports: Series H-111, Housing vacancies. * Paper, \$1.00 (including Series H-111 and H-121 for one year), 25c. additional for foreign mailing; single copy, each 20c. ● Item 141-A

- 14269 45. Vacant housing units in United States, 2d quarter, 1966. Aug. 1966. 12 p. 4° C 3.215: H-111/45

Current population reports: Series P-20, Population characteristics. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C C 3.186: P-20/(nos.)

- 14270 152. Household and families, by type, 1966 (advance data from Mar. 1966 sample survey). July 13, 1966. 4 p. 4°
- 14271 154. Reasons for moving, Mar. 1962-Mar. 1963. Aug. 22, 1966. 14 p. 4°
- Series P-23, Technical studies. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 14272 19. Characteristics of families residing in poverty areas, Mar. 1966; [prepared by Arno I. Winard, assisted by Jack M. Reynolds and Frederick J. Cavanaugh]. Aug. 24, 1966. 5 p. 4° C 3.186: P-23/19

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

— Series P-25, Population estimates. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 152-C
C 3.186: P-25/(nos.)

- 14273 343. Estimates of population of United States, Jan. 1, 1950 to June 1, 1966. July 19, 1966. 2 p. 4°
14274 344. Provisional estimates of population of selected large metropolitan areas, July 1, 1965 report 2. July 20, 1966. 4 p. 4°
14275 345. Projections of white and nonwhite population of United States, by age and sex, to 1985. July 29, 1966. 12 p. 4°
14276 346. Estimates of population of United States, Jan. 1, 1950 to July 1, 1966. Aug. 17, 1966. 2 p. 4°

— Series P-60, Consumer income. * Paper, \$4.00 (including series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65, combined, for one year). \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C

- 14277 49. Median family income up about 5 percent in 1965 (advance date for families and unrelated individuals from Mar. 1966 sample survey) Aug. 10, 1966. 3 p. 4°
C 3.186: P-60/49

— Series P-65, Consumer buying indicators. * Paper, \$4.00 (including series P-20, P-23, P-25, P-27, P-28, summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 142-C

- 14278 15. Buying intentions for automobiles, housing, and selected household equipment, week of July 17, 1966. Aug. 25, 1966. 11 p. il. 4°
C 3.186: P-65/15

- 14279 Current retail trade reports: 1965 retail trade, annual sales, year-end inventories, and accounts receivable of retail stores, by kind of business; [by Sol D. Helfand, Conrad L. Alexander, and John A. Barna]. Aug. 1966. 24 p. il. 4° (Series BR [65-13].) * Paper, \$6.00 a year (including Weekly retail sales report, Advance monthly sales report, Monthly retail trade report, and Annual retail trade report), \$4.00 additional for foreign mailing; single copy 20c. ● Item 147-B
C 3.138/3-2: 965

- 14280 Housing construction statistics, 1889-1964. [1966.] [1]+vi+805 p. il. 4° ([Construction Statistics Division.]) * Cloth, \$6.00. ● Item 146
L.C. card A66-7417 C 3.2: H 81/2/889-964

- 14281 Publication announcement, recurrent publications on governments, reports scheduled for issuance in fiscal year beginning July 1966. July 1966. [2] p. 4°, folded into oblong 48° (Form BC-955.) †
C 3.163/4: G 74/966

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.
Washington, D.C. 20201

Publication.

- 14282 441. Quest for equality, story of how 6 institutions open their doors to serve Negro children and their families [with lists of references; by] Martin Gula. [1966.] [6]+50 p. il. 4° * Paper, 60c. ● Item 453
L.C. card HEW 66-136 FS 14.111: 441
- 14283 Vision and hearing screening in selected classes for mentally retarded, city of Detroit, Mich. 1966. [1]+10 p. il. 4° (Vision Section and Hearing Conservation Section, Bureau of Maternal and Child Health, Michigan Department of Public Health.) [Text on p. 2 of cover.] †
* Item 452 FS 14.102: V 82

CIVIL AERONAUTICS BOARD
Washington, D.C. 20428

Economic regulations. [Issued with perforations.]

- 14284 pt. 208. Terms, conditions, and limitations of certificates to engage in supplemental air transportation. [1966.] 7 p. 4° [Issued as ER-454 effective May 13, 1966, as amended by ER-462.] * Paper, 5c.
● Item 186 C 31.220: 208/3

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14285 List of U.S. air carriers; prepared by Publications Section. Aug. 1, 1966.
8 p. oblong 8° [Semiannual.] † C 31.254: 966-2
- 14286 Remarks by Robert T. Murphy, vice chairman, Civil Aeronautics Board,
at first C.A.B.-N.I.T.L. Regional Air Cargo Workshop, Seattle, Wash.,
Sept. 20, 1966. 1966. 5 p. 4° † C 31.215: M 95/30
- Safety investigation regulations, SIR-(series). [Issued with perfora-
tions.]
- 14287 7.pt. 320, Rules pertaining to aircraft accidents, incidents, overdue aircraft,
and safety investigations; effective May 18, 1966. 3 p. 4°
* Paper, 5c. C 31.206/4: 7
- Special regulations.
- 14288 378. Inclusive tours by supplemental air carriers and tour operators. [1966.]
5 p. 4° [Issued as SPR-14 effective May 13, 1966, as amended by SPR-
15. Issued in looseleaf form.] * Paper, 5c. ● Item 186 C 31.206/8: 378/2

CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, D.C. 20310

FG (series). ● Item 320-B-3

- 14289 F-1.2. National directory of qualified fallout shelter analysts. July 1966.
viii+319 p. [Supersedes FG-F 1.2, July 1965.] † D 119.8/3: F-1.2/2
L.C. card 62-61084

[Leaflet] L (series). ● Item S57-D-5

- 14290 42. Professional development services. July 1966. [6] p. narrow 8° †
D 119.13: 42

Technical memorandum. ● Item 320-B-7

- 14291 64-2. Creation of fallout shelter through slanting and cost reduction techniques.
Aug. 1966. 8 p. il. 4° [Issued with perforations. Supersedes TM
64-2, Nov. 1965.] † D 119.8/5: 64-2/4

Technical report TR (series). ● Item 320-B-2

- 14292 35. Background of civil defense and current damage limiting studies; [by Joseph
Romm, assistant director of Civil defense (policy and programs)]. June
1966. [3]+15 p. il. 4° [Reprint of speech before 1965 convention of
State school plant planning officials, Lincoln, Nebr., Oct. 4-5, 1965.] †
D 119.9: 35

CIVIL RIGHTS COMMISSION Washington, D.C. 20425

- 14293 Hearing before Commission on Civil Rights. [1966.] vii+888 p. il.
[Hearings held in Cleveland, Ohio, Apr. 1-7, 1966.] * Paper, \$2.75.
● Item 288-A
L.C. card 66-62541 CR 1.8: H 35/966
- 14294 Publications catalog, summer 1966. [1966.] cover title, [1]+27 p.
[Text on p. 2 of cover.] † ● Item 288-A CR 1.9: C 28/966

CIVIL SERVICE COMMISSION Washington, D.C. 20415

- 14295 Amendment to announcement 168B, geodesist, grade[s] 5-15, \$6,387-
\$17,550 a year. Sept. 13, 1966. 1 p. oblong 48° [Amends issue 173 of
AN 2279.] † Interagency Board of Civil Service Examiners for Wash-
ington, D.C., 1900 E Street NW., Washington, D.C. 20415
CS 1.26: 95B/168B/rev./amdt.
- 14296 Amendment to announcement 232 B, geophysicist, options earth physics,
geomagnetism, seismology, and exploration and experimental, grades
5-15. Sept. 13, 1966. 1 p. oblong 24° [Amends issue 173 of AN 2279.]
† Interagency Board of Civil Service Examiners for Washington, D.C.,
1900 E Street NW., Washington, D.C. 20415 CS 1.26: 960/232 B/amdt.
- 14297 Amendment to announcement 306B, technical aids in science and engineer-
ing, grades 2-3. \$3,925-\$4,269 a year. Aug. 23, 1966. 1 p. oblong 48°
(Interagency Board of U.S. Civil Service Examiners for Washington,
D.C.) [Effective Sept. 6, 1966.] † CS 1.26: 965/306B/rev./amdt.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14298 Amendment to announcement 328 B, cartographer, grades 5-13, \$5,331-\$12,873 a year. Sept. 13, 1966. 1 p. oblong 48° † Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415 CS 1.26: 964/328 B/amdt.
- 14299 Amendment to announcement 346 B, meteorologist, grades 5-15, \$6,387-\$17,550 a year. Sept. 6, 1966. 1 p. oblong 24° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Amends issue 173 of AN 2279.] † CS 1.26: 964/346 B/amdt.
- 14300 Amendment to announcement 348 for digital computer positions, digital computer systems operator (grade 7, \$6,451 a year). Aug. 16, 1966. 1 p. oblong 48° [Amends issue no. 172 to AN 2279.] † CS 1.26: 964/348/amdt.-5
- 14301 Amendment to announcement 367 B, surveying aid, grades 2, 3, 4, \$3,925-\$4,776 a year. Sept. 13, 1966. 1 p. oblong 48° † Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415 CS 1.26: 965/367 B/amdt.
- 14302 Amendment to announcement 375, chemist, mathematician, physicist engineer, metallurgist, grades 5 and 7, [salaries] \$6,387 and \$7,729. Aug. 16, 1966. 1 p. oblong 48° † CS 1.26: 965/375/amdt.-2
- 14303 Amendment to announcement 376-B, mathematical statistician, grades 5-15, statistician (various subject-matter fields) [and] survey statistician, grades 9-15. Aug. 16, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26: 965/376 B/amdt.
- 14304 Amendment to announcement 382 B, economist, grades 9-15, \$7,696-\$17,550. Sept. 6, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26: 965/382 B/amdt.
- 14305 Current Federal examination announcements, AN 2279, issue 173, Sept.-Oct. 1966. [1966.] [2] p. f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2279/173
- 14306 Discontinuance notice to announcement 132B, savings and loan examiner, grades 7 and 9 (\$6,451 and \$7,696). Sept. 20, 1966. 1 p. oblong 48° [Amends issue 173 of AN 2279.] † CS 1.26: 957/132B/rev./notice
- 14307 Entomologist and pathologist (Forest and forest products), needed for duty with Department of Agriculture, Forest Service, and other Federal agencies (grades GS-9 through GS-12), apply to Executive Secretary, Central Board of U.S. Civil Service Examiners, Forest Service Unit, Department of Agriculture, Washington, D.C., 20250, announcement 399B. Sept. 13, 1966. 4 p. 4° [No closing date.] † ● Item 292 CS 1.26: 966/399 B
- 14308 Executive Seminar Center, Berkeley, Calif. [1966.] cover title, [1]+12 p. il. 4° (Office of Career Development.) † ● Item 296-A CS 1.65/3: 966-2
- 14309 Executive Seminar Center, Kings Point, N.Y. [1966.] cover title, [1]+16 p. 4° (Office of Career Development; [Interagency training facility].) † ● Item 296-A CS 1.65/3: 966
- 14310 Federal service entrance examination, 1967, including opportunities for management internships [announcement 400]. [Sept. 1, 1966.] [Closing date for management internships, Jan. 18, 1967, for general positions, May 17, 1967.] † ● Item 292 CS 1.26: 966/400
- 14311 Local and regional civil service examinations offering best job opportunities, AN 2280 [issue 121], Sept.-Oct. 1966. [1966.] [2] p. oblong f° folded into narrow 8° size. † ● Item 292 CS 1.28: 2280/121
- 14312 Suspension notice to announcement 364 B, engineering and scientific technician, grades 4-12 (\$4,776-\$10,927). Aug. 23, 1966. 1 p. oblong 16° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Supersedes amendment of July 26, 1966. Amends issue no. 172 of AN 2279.] † CS 1.26: 965/364 B/notice

GOVERNMENT PUBLICATIONS

CIVIL WAR CENTENNIAL COMMISSION Washington, D.C. 20006

- 14313 Military operations of Civil War, guide-index to Official record of Union and Confederate Armies, 1861-65: sec. A, Introduction; [compiled by Dallas Irvine]. 1966. x+30 p. il. [Preprint from v. 1, Title on cover reads: Prospectus, Military operations of Civil War, guide-index to Official records, Armies.] † ● Item 1053-A Y 3.C 49/2: 9a/A

COAST AND GEODETIC SURVEY, Commerce Dept. Washington, D.C. 20230

Technical bulletin.

- 14314 30. Cable length determinations for deep-sea oceanographic operations; by Robert C. Darling. June 1966. [2]+6 p. il. 4° * Paper, 10c. ● Item 192-A C 4.41/2: 30

COAST GUARD, Treasury Dept. Washington, D.C. 20226

- 14315 Light list: v. 3, Pacific Coast and Pacific Islands, 11th, 12th, 13th, 14th, and 17th Coast Guard districts, June 25, 1966 (including N.M. 26 of 1966). 1966. xxiv+286+14 p. il. map, 4° (CG-162.) [Contains list of lights, fog signals, buoys, daybeacons, lightships, radiobeacons, and loran stations. Edge index and how to use it on p. 4 of cover.] * Paper, \$2.00. ● Item 940 L.C. card 14-30372 T 47.52: V 3/966

- 14316 Marine engineering regulations and material specifications: subchap. F, Materials, construction, installation, inspection, and maintenance of boilers, unfired pressure vessels, appurtenances, piping, welding, and brazing; Mar. 1, 1966. 1966. viii+188 p. il. 4° (CG-115.) [Title 46, Code of Federal Regulations, pts. 50-61. Replaces prior edition of Sept. 1, 1964.] † ● Item 943. L.C. card 42-38670 T 47.8: En 3/3/966

Oceanographic report. ● Item 940-B

- 14317 11. Oceanography of Grand Banks region of Newfoundland in 1965 [with lists of references; by] Ronald C. Kollmeyer, Thomas C. Wolford, Richard M. Morse. June 1966. vii+157 p. il. 4° (CG 373-11; Oceanographic Unit.) † L.C. card 66-62234 T 47.55: 11

- 14318 Rules and regulations for passenger vessels, May 2, 1966. 1966. ix+185 p. 4° (CG-256.) [Subchapter H, title 46, C.F.R., pts. 70-78, inclusive. Replaces edition of Apr. 1, 1964.] † ● Item 943 L.C. card 53-60489 T 47.8: V 63/9/966

COMMERCE DEPARTMENT Washington, D.C. 20230

NOTE.—Requests to the Commerce Department for publications should include the Comm—DC—number if given in the entry.

- 14319 Address by LeRoy Collins, Under Secretary of Commerce, to 6th annual Labor Day observance sponsored by Catholic Diocese of Miami, Miami Beach, Fla., Sept. 1, 1966. [1966.] 16 leaves, 4° † C 1.18: C 69/25
- 14320 Address by Secretary of Commerce John T. Connor, prepared for delivery before New York Financial Writers Association, New York, N.Y., June 22, 1966. 1966. 14 leaves, 4° † C 1.18: C 76/82
- 14321 Economy, perspective and prospects, remarks by William H. Shaw, Assistant Secretary for Economic Affairs, Department of Commerce, prepared for delivery at American statistical outlook luncheon of American Statistical Association, Los Angeles, Calif., Aug. 17, 1966. [1966.] 8+ [6] p. il. 4° (USCOMM-DC-38105.) † C 1.18: Sh 2/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 14322 Marketing and regional development, by Benjamin Chinitz, Deputy Assistant Secretary for Economic Development, Department of Commerce, paper prepared for National Fall Conference of American Marketing Association, Indiana University, Sept. 1, 1966. [1966.] [1]+19 p. 4° †
C 1.18: C 44/3
- Overseas business reports OBR (series). [Issued irregularly.] * Paper, \$13.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.) ● Item 231-B
C 1.50: (nos.)
- 14323 66-36. Market profiles for Africa; prepared in Africa Division, Office of International Regional Economics. June 1966. 40 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14324 66-49. United States foreign trade, 1958-65; [prepared in International Trade Analysis Division]. Aug. 1966. 26 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14325 66-50. Basic data on economy of United Kingdom [with bibliography]; prepared by Edward A. Leslie. July 1966. 16 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-40.]
- 14326 66-54. Patent, trademark, industrial design and copyright protection in Colombia; prepared by Joseph M. Lightman. Aug. 1966. 7 p. 4° (Bureau of International Commerce.)
- 14327 66-56. Trade of United States with Communist areas in Eastern Europe and Asia, 1963-65; [prepared by International Trade Analysis Division, Office of International Regional Economics.] Aug. 1966. 16 p. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 14328 Remarks by Secretary of Commerce John T. Connor, prepared for delivery to White House Conference for State Legislative Leaders, [Washington, D.C.], June 16, 1966. 1966. 9 leaves, 4° (USCOMM-DC-33913.) †
C 1.18: C 76/79
- 14329 Technology transfer and innovation, guide to literature; prepared by Clearinghouse for Federal Scientific and Technical Information. Preliminary edition. Aug. 1966. ii+49 p. 4° (Office of State Technical Services; STS-104.) Φ Paper, \$3.00 (PB-170991)
L.C. card 66-62551
C 1.8/3: T 22/prelim.

CONGRESS

- 14330 Congressional record, proceedings and debates of 89th Congress, 1st session, v. 111, pt. 14, July 28-Aug. 9, 1965. [Permanent edition.] 1965. [1]+18497-19742 p. 4° * Cloth, \$4.00. ● Item 993
L.C. card 12-36438
X.89/1: 111/pt.14
- 14331 — v. 111, pt. 15, Aug. 10-18, 1965. [Permanent edition.] 1965. [1]+19743-20994 p. 4° * Cloth, \$4.00. ● Item 993
L.C. card 12-36438
X.89/1: 111/pt.15

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.

Congressional serial set

NOTE.—At the end of each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

Senate document:

- 14332 no. 84, 89th Cong., 2d sess., Daughters of the American Revolution, 1964-65 [Serial 12718]. ● Item 995-B

Senate reports:

- 14333 nos. 654-932, with exceptions, 89th Congress, 1st session, Senate miscellaneous reports on private bills II [Serial 12663-2]. ● Item 1007-B
no. 1380, 89th Cong., 2d sess., Government organization and employees [Serial 12712-3]. ● Item 1007-A

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 89th Congress. † House or Senate Document Rooms, Capitol.

- 14334 266. H.R. 10994, act for relief of Charles T. Davis, jr., Sallie M. Davis, and Nora D. White. Approved July 8, 1966. 1 p.
- 14335 278. H.R. 12031, act to authorize appointment of William W. Watkin, jr., professor of United States Military Academy, in grade of Lieutenant colonel, regular army, and for other purposes. Approved Aug. 8, 1966. 1 p.
- 14336 279. H.R. 10220, act for relief of Abdul Wohabe. Approved Aug. 11, 1966. 1 p.
- 14337 280. S. 642, act for relief of Chung K. Won. Approved Aug. 25, 1966. 1 p.
- 14338 281. S. 2104, act for relief of Harriet C. Chambers. Approved Aug. 25, 1966. 1 p.
- 14339 282. S. 2663, act for relief of Dinesh Kumar Poddar and Girish Kumar Poddar. Approved Aug. 30, 1966. 1 p.
- 14340 283. H.R. 3233, act for relief of Emanuel G. Topakas. Approved Sept. 7, 1966. 1 p.
- 14341 284. H.R. 5552, act for relief of David B. Glidden. Approved Sept. 7, 1966. 1 p.
- 14342 285. H.R. 7354, act for relief of Norman Morris Rains. Approved Sept. 7, 1966. 1 p.
- 14343 286. H.R. 11940, act for relief of Fred M. Osteen. Approved Sept. 7, 1966. 1 p.
- 14344 287. H.R. 12315, act for relief of Anthony A. Calloway. Approved Sept. 7, 1966. 1 p.
- 14345 288. H.R. 12884, act for relief of John R. Sylvia. Approved Sept. 7, 1966. 1 p.
- 14346 289. H.R. 1822, act for relief of Won Loy Jung. Approved Sept. 8, 1966. 1 p.
- 14347 290. H.R. 2681, act for relief of Sidney S. Shapiro and Shirley Shapiro. Approved Sept. 9, 1966. 1 p.
- 14348 291. H.R. 1483, act for relief of John V. Boland Construction Company. Approved Sept. 10, 1966. 1 p.
- 14349 293. H.R. 3671, act for relief of Josephine Ann Bellizia. Approved Sept. 14, 1966. 1 p.
- 14350 294. H.R. 10656, act for relief of Kimberly Ann Yang. Approved Sept. 14, 1966. 1 p.
- 14351 295. H.R. 11347, act for relief of Maria Anna Piotrowski, formerly Czeslawa Marek. Approved Sept. 14, 1966. 1 p.
- 14352 296. H.R. 2349, act for relief of Robert Dean Ward. Approved Sept. 16, 1966. 1 p.
- 14353 297. H.R. 7671, act for relief of Sophia Soliwoda. Approved Sept. 16, 1966. 1 p.
- 14354 298. H.R. 11038, act for relief of Edna S. Bettendorf. Approved Sept. 16, 1966. 1 p.
- 14355 299. H.R. 12950, act for relief of Kazimierz (Casimer) Krzykowski. Approved Sept. 16, 1966. 1 p.
- 14356 300. H.R. 3078, act for relief of Lourdes S. (Delotavo) Matzke and Yusef Ali Chouman. Approved Sept. 16, 1966. 1 p.
- 14357 301. H.R. 4861, act to direct Secretary of Interior to convey certain lands in Boulder County, Colo., to W. F. Stover. Approved Sept. 16, 1966. 1 p.
- 14358 303. H.R. 7141, act for relief of Ronald Whelan. Approved Sept. 16, 1966. 1 p.
- 14359 304. H.R. 10990, act for relief of Alan DeYoung, U.S. Army. Approved Sept. 16, 1966. 1 p.
- 14360 305. H.R. 4075, act for relief of John F. Reagan, jr. Approved Sept. 17, 1966. 1 p.
- 14361 306. H.R. 6606, act for relief of Li Tsu (Nako) Chen. Approved Sept. 17, 1966. 1 p.
- 14362 307. H.R. 11271, act for relief of certain individuals employed by Department of Defense at Granite City Defense Depot, Granite City, Ill. [Approved Sept. 17, 1966.] 2 p.
- 14363 308. H.R. 11844, act for relief of Maria Giuseppina Innalfo Feole. Approved Sept. 17, 1966. 1 p.
- 14364 309. H.R. 14514, act for relief of Vernon M. Nichols. Approved Sept. 17, 1966. 1 p.
- 14365 310. S. 1684, act to direct Secretary of Interior to adjudicate claim to certain land in Marengo County, Ala. Approved Sept. 19, 1966. 1 p.
- 14366 311. H.R. 11251, act for relief of Hubert J. Kupper. Approved Sept. 20, 1966. 1 p.
- 14367 312. H.R. 14379, act for relief of John R. McKinney. Approved Sept. 20, 1966. 1 p.

CONGRESS, JOINT COMMITTEE ON ORGANIZATION OF Washington, D.C. 20510

Organization of Congress, hearings, 89th Congress, 2d session, pursuant to S. Con. Res. 2. ● Item 1009
L.C. card 65-61719 Y 4C 76/3: Or 3/965/pt.16

14368 pt. 16. Index. 1966. ii+113 p. †

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

ECONOMIC JOINT COMMITTEE
Washington, D.C. 20510

- Discriminatory ocean freight rates and balance of payments, hearings before Subcommittee on Federal Procurement and Regulation, 89th Congress, 2d session. ● Item 1000
 L.C. card 65-62204 Y 4.Ec 7: F 88/965/pt.4
- 14369 pt. 4. May 6 and 19, 1966. 1966. iv+509-656 p. * Paper, 45c.
- 14370 Discriminatory ocean freight rates and balance of payments, report of Subcommittee on Federal Procurement and Regulation, Aug. 1966. 1966. v+25 p. (Committee print, 89th Congress, 2d session.) * Paper, 15c. ● Item 1000
 L.C. card 66-62360 Y 4.Ec 7: F 88/2
- 14371 Government price statistics, report of Subcommittee on Economic Statistics, July 1966. 1966. v+19 p. (Joint committee print, 89th Congress, 2d session.) * Paper, 15c. ● Item 1000
 L.C. card 66-62279 Y 4.Ec 7: P 93/9/966
- 14372 New directions in Soviet economy, studies prepared for Subcommittee on Foreign Economic Policy: pt. 3, Human resources. 1966. iii+593-871 p. il. (Joint committee print, 89th Congress, 2d session.) * Paper, 65c. ● Item 1000
 L.C. card 66-62352 Y 4.Ec 7: So 8/7/pt.3
- 14373 Private pension plans, hearings before Subcommittee on Fiscal Policy, 89th Congress, 2d session. ● Item 1000
 L.C. card 66-62148 Y 4.Ec 7: P 38/2/pt.1,2
 pt. 1. Apr. 26-May 2, 1966. 1966. iv+1-262 p. il. * Paper, 70c.
 pt. 2. May 3-20, 1966. 1966. iv+263-524 p. il. * Paper, 70c.
- 14374 Sept. 1966 supplement to Committee publications and policies governing their distribution, 89th Congress, 2d session. [1966.] [2] p. 4° (Committee prints.) ‡
 L.C. card 66-60935 Y 4.Ec 7: P 96/946-66/supp.
- 14375 Technology in education, hearings before Subcommittee on Economic Progress, 89th Congress, 2d session, June 6-13, 1966. 1966. iv+273 p. * Paper, 65c. ● Item 1000
 L.C. card 66-62393 Y 4.Ec 7: Ed 8
- 14376 Twentieth anniversary of Employment act of 1946, economic symposium, supplement to hearing, 89th Congress, 2d session, invited comments on directions for the future. 1966. iv+192 p. * Paper, 50c. ● Item 1000
 L.C. card 66-61370 Y 4.Ec 7: Em 7/10/supp.
- 14377 Twenty years after, appeal for renewal of international economic cooperation on grand scale, report of Subcommittee on International Exchange and Payments; Sept. 1966. 1966. v+4 p. (Joint committee print, 89th Congress, 2d session.) * Paper, 10c.
 L.C. card 66-62533 Y 4.Ec 7: In 8/11

HOUSE OF REPRESENTATIVES
Washington, D.C. 20515

- 14378 Major legislative actions, 89th Congress, up to Sept. 13, 1966; prepared by Coordinator of Information. [1966.] 51 p. 4° ‡
 L.C. card 50-60030 Y 1.2: L 52/966-2

House documents

NOTE.—All House documents, entries for which are followed by a ‡, may be obtained from the House Document Room or from the issuing office.

House documents, 89th Congress.

- 14379 324, pt. 1. Annual report of Chief of Engineers, Army, on civil works activities, fiscal year 1965, v. 1. [1966.] xxxv+120 p. il. * (Available in departmental edition, 45c., D 103.1:965/v.1, and sent to depositories in that form. See Entry no. 14570.)

♣For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

Page 19

GOVERNMENT PUBLICATIONS

House documents, 89th Congress—Continued

- 14380 344. United States defense policies in 1965 [with bibliography], prepared by [Charles H. Donnelly], Library of Congress, Legislative References Service; Apr. 6, 1966. 1966. viii+233 p. † ● Item 996
- 14381 363. Report to Congress of United States: Examination of financial statements, fiscal year 1965, Commodity Credit Corporation, Department of Agriculture; by Comptroller General of United States. Jan. 1966. [9]+13 p. 4° † ● Item 996
- 14382 434. West Divide project, Colo., letter from Secretary of Interior transmitting report; May 4, 1966. 1966. xxix+117 p. il. map, 3 tab. [Map is colored.] † ● Item 996
L.C. card 66-62241
- 14383 457. Food for peace, 1965 annual report on Public law 480 [83rd Congress, as amended, during period Jan. 1-Dec. 31, 1965]. [1966.] cover title, 190+[2] p. il. 4° * Paper, \$1.25. ● Item 996
L.C. card 65-62119
- 14384 459. Hurricane survey of northwest Florida coast, letter from chief of engineers, Army, submitting report on interim hurricane survey [with bibliography]; July 11, 1966. 1966. x+91 p. il. 12 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14572.] †
- 14385 467. Report to Congress of United States: Examination of financial statements of Federal Home Loan Banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States, Aug. 16, 1966. [1966.] ix+13 p. 4° † ● Item 996
- 14386 487. Report on audit of Saint Lawrence Seaway Development Corporation, calendar year 1965, letter from Comptroller General transmitting report, Aug. 31, 1966. 1966. v+11 p. 4° † ● Item 966
L.C. card 56-63878
- 14387 488. United States policy toward Asia. report of Subcommittee on Far East and Pacific of Committee on Foreign Affairs on hearings held Jan. 25-Mar. 10, 1966, pursuant to H. Res. 84; May 19, 1966. 1966. [xvi]+12+582 p. [Includes Subcommittee print and hearings, for which see May and July 1966 issues of Monthly catalog, Entry numbers 7144 and 10244, respectively.] † (To be sent to depository libraries in serial set binding).
L.C. card 66-62498

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on public bills, 89th Congress. † House Document Room, Capitol. ● Item 1008-A

- 14388 1699, pt. 1. Housing and urban development act of 1966. Report of Committee on Banking and Currency, together with minority and individual views, on H.R. 15890; July 15, 1966. 1966. [1]+1-92 p.
pt. 2. Same: Report of Committee on Banking and Currency on H.R. 15890; July 15, 1966. 1966. [1]+93-402 p. [Part 2 shows changes made in existing law as reported.]
L.C. card 66-62037
- 14389 1769. Refugee problems in Vietnam, India, and Hong Kong, British crown colony, H. Res. 593, 89th Congress; July 25, 1966. 1966. iii+36 p. il. 1 pl.
L.C. card 66-62062
- 14390 1827. Chamizal Memorial Highway. Report from Committee on Public Works to accompany H.R. 11555. Aug. 9, 1966. 27 p. 2 maps.
- 14391 1830. Consideration of H.R. 13228. Report from Committee on Rules to accompany H. Res. 965. Aug. 10, 1966. 1 p.
- 14392 1849. Colorado River Basin project. Report together with additional views from Committee on Interior and Insular Affairs to accompany H.R. 4671. Aug. 11, 1966. 157 p. il.
L.C. card 66-62314
- 14393 1850. Amending the westablishing revolving fund for expert assistance loans to Indian tribes. Report from Committee on Interior and Insular Affairs to accompany H.R. 15059. Aug. 15, 1966. 5 p.
- 14394 1851. Providing for reapportionment of legislature of Virgin Islands. Conference report to accompany H.R. 13277. Aug. 15, 1966. 2 p.
- 14395 1852. Legislative branch appropriations, 1967. Conference report to accompany H.R. 15456. Aug. 15, 1966. 6 p.
- 14396 1854. Extending termination date of Indian Claims Commission to Apr. 10, 1969. Report from Committee on Interior and Insular Affairs to accompany H.R. 5392. Aug. 16, 1966. 18 p.
- 14397 1855. Authorizing long-term leases on San Xavier and Salt River Pima-Maricopa Indian Reservations, Ariz. Report from Committee on Interior and Insular Affairs to accompany H.R. 7648. Aug. 16, 1966. 18 p.
- 14398 1856. Farm real estate loans on leased lands in Hawaii. Report from Committee on Agriculture to accompany H.R. 15951. Aug. 16, 1966. 5 p.
- 14399 1857. Printing of Senate hearings of study team report on recreational opportunities in State of Washington. Conference report to accompany S. Con. Res. 90. Aug. 17, 1966. 2 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14400 1858. Small reclamation projects act of 1956. Conference report to accompany S. 602. Aug. 17, 1966. 5 p.
- 14401 1859. Sundry independent executive agencies and Department of Housing and Urban Development appropriations, 1967. Conference report to accompany H.R. 14921. Aug. 17, 1966. 7 p.
- 14402 1861. Merchant marine act, 1936, construction differential subsidies. Conference report to accompany S. 2858. Aug. 18, 1966. 2 p.

Agriculture Committee, House

Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. ● Item 1010

- 14403 KK. Community development district act, hearings, 89th Congress, 2d session, on H.R. 12466 and S. 2934, June 9-10, 1966. 1966. iv+152 p. il. †
L.C. card 66-62064 Y 4.Ag 8/1 : C 73/8
- 14404 MM. Legislative policy of Bureau of Budget, hearing before Subcommittee on Conservation and Credit, 89th Congress, 2d session, July 11, 1966. 1966. iii+50 p. †
L.C. card 66-62245 Y 4.Ag 8/1 : B 85
- 14405 PP. Forest fire prevention and control, hearing before Subcommittee on Forests, 89th Congress, 2d session, Apr. 15, 1966. 1966. v+137 p. il. [This hearing was held in Santa Barbara, Calif.] †
L.C. card 66-62398 Y 4.Ag 8/1 : F 76/40
- 14406 RR. To include certain fruits in Agricultural marketing agreement act of 1937, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 89th Congress, 2d session, on H.R. 13007 [and other bills], July 27 1966. 1966. iii+54 p. il. †
L.C. card 66-62396 Y 4.Ag 8/1 : F 94/4
- 14407 H.R. 16918 and summary of proposed changes in U.S. grain standards act: Aug. 12, 1966. 1966. iii+22 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 66-62433 Y 4.Ag 8/1 : G 76/14

Appropriations Committee, House

Washington, D.C. 20515

- 14408 Public works appropriations for 1967, hearings before subcommittee, 89th Congress, 2d session. ● Item 1011
L.C. card 60-61219 Y 4.Ap 6/1 : P 96/14/967/pt.3
pt. 3. Testimony of Members of Congress, interested organizations, and individuals. 1966. ii+1436+xvi p. il. †

Armed Services Committee, House

Washington, D.C. 20515

- 14408A Examination of Department of Defense cost reduction program, report of Subcommittee for Special Investigations, 89th Congress, 2d session: Sept. 12, 1966. 1966. v+42 p. (Committee print.) * Paper, 15c.
Y 4.Ar 5/2 : D 36/7

[Papers], 89th Congress. † ● Item 1012 Y 4.Ar 5/2a : 965-66/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 14409 72. Full committee consideration on H.R. 15712, to amend sec. 2634 of title 10, United States Code, to authorize payment of expenses incidental to transportation of motor vehicles of certain members of Armed Forces. [1966.] p. 9571-83.
- 14410 74. Subcommittee no. 3 consideration of H.R. 11984, to amend sec. 701 of title 10, United States Code, to authorize additional accumulation of leaves in certain foreign areas. [1966.] p. 9609-13.
- 14411 88. Impact of airline strike on defense posture, hearing, 89th Congress, 2d session, July 28, 1966. 1966. ii+10825-861 p.
L.C. card 66-62400
- 14412 89. Subcommittee no. 3, consideration of H.R. 12536, to amend sec. 409 of title 37, United States Code, relating to transportation of house trailers and mobile dwellings to members of uniformed services, and H.R. 17119, to amend title 10, United States Code, to permit members of Armed Forces to be assigned or detailed to Environmental Science Services Administration, Department of Commerce. [1966.] p. 10863-889.

Banking and Currency Committee, House

Washington, D.C. 20515

- 14413 List of publications, supp. 2. Committee on Banking and Currency, hearings and committee prints. 89th Congress; July 25, 1966. [1966.] 2 p. (Committee print.) †
L.C. card 65-61696 Y 4.B 22/1 : P 96/2/865-964/supp.2

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 14414 Sale of standard silver dollars held by Treasury, hearings, 89th Congress, 2d session, on H.R. 13150 and related bills, July 26-28, 1966. 1966. vi+165 p. il. * Paper, 45c. ● Item 1013
L.C. card 66-62172 Y 4.B 22/1: Si 3/3

Education and Labor Committee, House Washington, D.C. 20515

- 14415 Antipoverty in District of Columbia, hearing before Task Force on Anti-poverty in District of Columbia, 89th Congress, 2d session on investigation of United Planning Organization in District of Columbia and its relation to poverty, Mar. 14, 1966. 1966. iii+105 p. † ● Item 1015
L.C. card 66-62402 Y 4.Ed 8/1: An 8/3
- 14416 Elementary and secondary education amendments of 1966 (Hawaii), hearing before General Subcommittee on Education and Ad Hoc Subcommittee on War on Poverty Program, 89th Congress, 2d session, on H.R. 13160 and H.R. 13161, Apr. 15, 1966. 1966. iv+126 p. il. [These hearings were held in Honolulu, Hawaii.] † ● Item 1015
L.C. card 66-62165 Y 4.Ed 8/1: Ed 8/24/966-2
- 14417 Impact aid, hearings before General Subcommittee on Education, 89th Congress, 2d session, on H.R. 13160 and H.R. 13161, Mar. 24-Apr. 23, 1966. 1966. vii+371 p. il. † ● Item 1015
L.C. card 66-62244 Y 4.Ed 8/1: Ai 2

Foreign Affairs Committee, House Washington, D.C. 20515

- 14418 Crisis in NATO, report of Subcommittee on Europe on hearings held Mar. 17-June 13, 1966, pursuant to H. Res. 84; Aug. 1966. 1966. vi+13 p. (Committee print, 89th Congress, 2d session.) ‡
L.C. card 66-62325 Y 4.F 76/1: N 81/2
- 14419 Foreign assistance act of 1966, hearings, 89th Congress, 2d session, on H.R. 12449 and H.R. 12450. ● Item 1017
L.C. card 66-61151 Y 4.F 76/1: F 76/28/966-2/pt.7
pt. 7. Appendix and index. 1966. iii+1039-92 p. †
- 14420 Ramseyer rule of proposed amendments to Peace Corps act (H.R. 15371) [prepared by Office of Legislative Counsel]; July 18, 1966. 1966. iii+19 p. (Committee print, 89th Congress, 2d session.) ‡
L.C. card 66-62326 Y 4.F 76/1: P 31/8/966
- 14421 U.S. observance of International Human Rights Year, 1968, hearings before Subcommittee on International Organizations and Movements, 89th Congress, 2d session, on H.R. 17083 (and similar measures), Aug. 11 and 17, 1966. 1966. iv+50 p. † ● Item 1017
L.C. card 66-62403 Y 4.F 76/1: In 8/40

Government Operations Committee, House Washington, D.C. 20515

- 14422 Computer and invasion of privacy, hearings before subcommittee, 89th Congress, 2d session, July 26-28, 1966. 1966. iv+318 p. * Paper, 75c. ● Item 1016
L.C. card 66-62406 Y 4.G 74/7: P 93/2
- 14423 Drug safety, hearings before subcommittee, 89th Congress, 1st session. † ● Item 1016
L.C. card 64-65581 Y 4.G 74/7: D 84/2/pt.3
pt. 3. Mar. 23-June 25, 1965. 1966. vii+813-1436 p. il.
- 14424 John Fitzgerald Kennedy Library, hearing before subcommittee, 89th Congress, 2d session, on H.J. Res. 1207, July 26, 1966. 1966. iv+60 p. † ● Item 1016
L.C. card 66-62252 Y 4.G 74/7: K 38

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

†Official Use. Not Available

- 14425 Reorganization plan no. 5 of 1966 (National Capital Regional Planning Council), hearing before subcommittee, 89th Congress, 2d session, Aug. 9, 1966. 1966. iii+32 p. il. † ● Item 1016
L.C. card 66-62405 Y 4.G 74/7 : R 29/3/966/no.5

House Administration Committee, House
Washington, D.C. 20515

- 14426 U.S. House of Representatives, detailed statement of disbursements, Jan. 1-June 30, 1966. 1966. v+258 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 62-61072 Y 4.H 81/3 : D 63/966

Interior and Insular Affairs Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1023
14427 33. California Indians judgment fund, 1966, hearings before Subcommittee on Indian Affairs, 89th Congress, 2d session, on H.R. 8021, May 2 and 3, 1966. 1966. v+314 p. map. †
L.C. card 66-62170 Y 4.In 8.14 : 89-33

Interstate and Foreign Commerce Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1019
14428 41. Airline labor dispute, hearings, 89th Congress, 2d session, on S.J. Res. 186, Aug. 5-10, 1966. 1966. iv+280 p. il. †
L.C. card 66-62171 Y 4.In 8/4 : 89-41

Judiciary Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. † ● Item 1020 Y 4.JS9/1 : 89/(nos.)
14429 17. Measures for combating crime, hearing before subcommittee no. 3, 89th Congress, 2d session, on H.R. 13548, H.R. 13549, H.R. 13551, Mar. 30 and June 1, 1966. 1966. iii+97 p.
L.C. card 66-62247
14430 20. Adjustment of status for Cuban refugees, hearings before subcommittee no. 1, 89th Congress, 2d session, on H.R. 15182, H.R. 15183, H.R. 16908, H.R. 10808 and H.R. 13393, Aug. 10-17, 1966. 1966. iii+74 p.
L.C. card 66-62249

Merchant Marine and Fisheries Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. † ● Item 1021 Y 4.M53 : 89-(nos.)
14431 25. Sea grant colleges, hearing before Subcommittee on Oceanography, 89th Congress, 2d session, on H.R. 15192, H.R. 15471, H.R. 15569, June 13, 1966. 1966. iii+85 p. il.
L.C. card 66-62069
14432 26. Estuarine and wetlands legislation, hearings before Subcommittee on Fisheries and Wildlife Conservation, 89th Congress, 2d session, on H.R. 11236 [and other] bills, [and] H.R. 13447, June 16-23, 1966. 1966. vi+297 p. il. map.
L.C. card 66-62248
14433 28. Jellyfish control, hearings before Subcommittee on Fisheries and Wildlife Conservation, 89th Congress, 2d session, on H.R. 11475, H.R. 11507, H.R. 16634, Aug. 9-11, 1966. 1966. ii+67 p. il.
L.C. card 66-62408

Post Office and Civil Service Committee, House
Washington, D.C. 20515

- 14434 Federal classified, postal, and Foreign Service salary rates; July 1966. 1966. ii+6 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 66-62363 Y 4.P 84/10 : Sa 3/13/966

GOVERNMENT PUBLICATIONS

- 14435 Leave system for Federal seafaring employees [reports of Civil Service Commission on H.R. 3002 and Staffing Federal seafaring positions]; Aug. 1966. 1966. vi+9 p. (Committee print, 89th Congress, 2d session.) ‡
L.C. card 66-62328 Y 4.P 84/10: L 48/4
- 14436 Mail transportation by regulated motor carrier, hearing before Subcommittee on Postal Operations, 89th Congress, 2d session, on H.R. 13925. ● Item 1022
L.C. card 66-61863 Y 4.P 84/10: M 28/30/pt. 2
pt. 2. July 19, 1966. 1966. iii+109-126 p. †

Public Works Committee, House

Washington, D.C. 20515

- [Committee hearings, serial], 89th Congress. † ● Item 1024
Y 4.P 96/11: 89-(nos.)
- 14437 22. Disaster relief act of 1965, hearings before Subcommittee on Flood Control, 89th Congress, 2d session, on S. 1861 and related bills.
L.C. card 66-60197
pt. 2. July 19 and 20, 1966. 1966. iv+83-196 p.
- 14438 32. Economic development act amendments, 1966, hearings, 89th Congress, 2d session, on H.R. 10855 and H.R. 12227, May 24-June 29, 1966. 1966. iv+139 p. il.
L.C. card 66-62065
- 14439 35. Hirshhorn Museum, hearing before Subcommittee on Public Buildings and Grounds, 89th Congress, 2d session, on H.R. 15121 and related bills, June 15, 1966. 1966. iii+138 p.
L.C. card 66-62085
- 14440 39. Relationship of toll facilities to Federal-aid highway program, hearings before Special Subcommittee on Federal-Aid Highway Program and Subcommittee on Roads, 89th Congress, 2d Session, Mar. 8-June 23, 1966. 1966. ix+944 p. il.
L.C. card 66-62409
- 14441 Section-by-section analysis of H.R. 14359, Federal-aid highway act of 1966; May 1966. 1966. ii+4 p. (Committee print 31, 89th Congress, 2d session) ‡
L.C. card 66-62351 Y 4.P 96/11: H 53/3

Small Business, Select Committee on, House

Washington, D.C. 20515

- 14442 Role of small business in air transportation industry, hearings before subcommittee no. 4, 89th Congress, 1st session, pursuant to H. Res. 13. † ● Item 1031 Y 4.Sm 1: A1 7/3/v.1, 2
v. 1. Helicopters and air freight forwarders, Aug. 13 and Sep. 24, 1965. 1966. viii+157+97 p. il. [Hearings were held in Los Angeles, Calif. and Washington, D.C.]
L.C. card 66-62532
- v. 2. Travel agents, Aug. 14, 1965-June 2, 1966. 1966. viii+159-410+A99-A351 p. il. [Contains copyright material. These hearings were held in Los Angeles, Calif., Washington, D.C., and Chicago, Ill.]
L.C. card 66-62243

Veterans' Affairs Committee, House

Washington, D.C. 20515

- 14443 NSLI refunds, Philippine peso payments, hearings before special subcommittee, 89th Congress, 2d session, on H.R. 16557, Aug. 23 and 24, 1966. 1966. v+4607-59 p. il. † ● Item 1027
L.C. card 66-62412 Y 4.V 64/3: L 62/11
- 14444 Report of Veterans Administration Committee Studying PBS-PHC (prebed and posthospital care) Activity; Aug. 16, 1966. 1966. ii+44 p. (House committee print 230, 89th Congress, 2d session.) ‡
L.C. card 66-62494 Y 4.V 64/3: P 91/3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Ways and Means Committee, House
Washington, D.C. 20515

- 14445 Data on self-employed retirement deduction for taxable year 1964, report submitted by Department of Treasury, Apr. 18, 1966. 1966. ii+14 p. (Committee print, 89th Congress, 2d session.) ‡
L.C. card 66-62280 Y 4.W 36: R 31/4
- 14446 Written statements by interested individuals and organizations on H.R. 11297, Foreign investors tax act of 1965, submitted to Committee on Ways and Means, 89th Congress, 2d session. 1966. iv+204 p. (Committee print.) ‡
L.C. card 66-62282 Y 4.W 36: F 76 in/6

SENATE
Washington, D.C. 20510

Senate documents

NOTE.—All Senate documents, entries for which are followed by a ‡, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 89th Congress.

- 14447 97. Beach erosion control study, St. Johns County, Fla., letter from chief of engineers Army, submitting report; July 11, 1966. 1966. vii+58 p. il. 7 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 14571.] ‡
L.C. card 66-62472
- 14448 100. History, membership, and jurisdiction of Senate Committee on Commerce from 1816-1966, prepared under direction of Warren G. Magnuson, chairman; June 24, 1966. 1966. iii+61 p. [Title on cover is: Committee on Commerce, United States Senate, 150th anniversary, 1816-1966.] ‡
● Item 996
- 14449 102. Semiannual report of Architect of Capitol, Jan. 1-June 30, 1966; Aug. 19, 1966. 1966. iii+126 p. ‡ ● Item 996
- 14450 104. Report of Secretary of Senate, Jan. 1-June 30, 1966; Aug. 24, 1966. 1966. iv+559 p. ‡ (To be sent to depository libraries in Serial set binding.)
- 14451 106. Where votes are, profile of America in mid-1960's, sketched with statistics on canvas of changing world, as it affects voting habits of 1968, 1972, and thereafter, prepared by staff of Republican Policy Committee, Senate, July 10, 1966; Aug. 30, 1966. 1966. v+43 p. ‡ ● Item 996
L.C. card 66-62497

Senate executive document

Senate executive document, 89th Congress, 2d session. ‡

- 14452 S. International Convention on Load Lines, 1966, message from President of United States transmitting International Convention on Load Lines, 1966, with annexes, signed London Apr. 5, 1966; Sept. 12, 1966. 1966. vi+80 p. il.
L.C. card 66-62530 Y 1.89/2: S

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on public bills, 89th Congress. ‡ Senate Document Room, Capitol. ● Item 1008-A

- 14453 1232. Consenting to entry of Massachusetts into bus taxation proration agreement. Report from Committee on Judiciary to accompany H.R. 12935. June 9, 1966. 8 p.
- 14454 1365. District of Columbia bail agency act. Report from Committee on District of Columbia to accompany H.R. 15860. July 7, 1966. 8 p.
L.C. card 66-62020
- 14455 1406. Uniform civil appellate rules. Report from Committee on Judiciary to accompany S. 3254. July 22, 1966. 7 p.
- 14456 1459. Exemptions from Shipping act, 1916. Report from Committee on Commerce to accompany S. 3391. Aug. 15, 1966. 7 p.
- 14457 1460. Merchant Marine act of 1966. Report from Committee on Commerce to accompany S. 3446. Aug. 15, 1966. 10 p.
- 14458 1461. Federal inventions act of 1966. Report together with individual views from Committee on Judiciary to accompany S. 1809. Aug. 16, 1966. 43 p.
L.C. card 66-62319
- 14459 1463. Conservation of endangered species of fish and wildlife. Report from Committee on Commerce to accompany H.R. 9424. Aug. 17, 1966. 30 p.
L.C. card 66-62318

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 89th Congress—Continued

- 14460 1464. Costs of inspection at ports of entry. Report from Committee on Commerce to accompany S. 1596. Aug. 17, 1966. 22 p.
- 14461 1467. Authorizing printing of additional copies of House reports on State taxation of interstate commerce. Report from Committee on Rules and Administration to accompany H. Con. Res. 532. Aug. 17, 1966. 1 p.
- 14462 1477. Authorizing printing of compilation of remarks and addresses by Congressman Daniel J. Flood on Panama Canal Zone policy questions as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 925. Aug. 17, 1966. 1 p.
- 14463 1478. Empowering CAB to grant temporary international route authority to U.S. carriers. Report from Committee on Commerce to accompany S. 3197. Aug. 17, 1966. 19 p.
- 14464 1479. Implementing provisions of International Convention for Prevention of Pollution of Sea by Oil, 1954. Report from Committee on Commerce to accompany H.R. 8760. Aug. 17, 1966. 17 p.
- 14465 1481. Survivor annuities for reemployed annuitants. Report from Committee on Post Office and Civil Service to accompany S. 699. Aug. 18, 1966. 8 p.
- 14466 1483. Safety of life at sea. Report from Committee on Commerce to accompany H.R. 10327. Aug. 18, 1966. 22 p.
- 14467 1527. Food for peace act of 1966. Report from Committee on Agriculture and Forestry to accompany H.R. 14929. Aug. 25, 1966. 85 p.
L.C. card 66-62499
- 14468 1549. Migratory farm labor problem in United States. 1966 report of Committee on Labor and Public Welfare made by its Subcommittee on Migratory Labor pursuant to S. Res. 188 (89th Cong., 2d sess.), together with individual views; Aug. 30, 1966. 1966. vii+163 p. il.
L.C. card 66-62531

Aging, Special Committee on, Senate *Washington, D.C. 20510*

- 14469 Tax consequences of contributions to needy older relatives, hearing, 89th Congress, 2d session, June 15, 1966. 1966. iii+82 p. * Paper, 30c.
● Item 1009
L.C. card 66-62155 Y 4.Ag 4: T 19

Agriculture and Forestry Committee, Senate *Washington, D.C. 20510*

- 14470 Expansion of beef exports, hearing, *see* Small Business, Select Committee on, Senate.

Appropriations Committee, Senate *Washington, D.C. 20510*

- 14471 Agricultural appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 14596. 1966. ii+12 p. [Supplemental hearing relating to limitation on shipments pursuant to Public law 480.] † ● Item 1033
L.C. card 60-61392 Y 4.Ap 6/2: Ag 8/967-2
- 14472 Labor-Health, Education, and Welfare appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 14745. † ● Item 1033
L.C. card 60-61494 Y 4.Ap 6/2: L 11/967/pt.1,2
pt. 1. Mar. 2-28, 1966. 1966. ii+1-1385+xx p.
pt. 2. Mar. 30-June 3, 1966. 1966. ii+1387-2690+xx p. il.
- 14473 [This entry number not used.]

Banking and Currency Committee, Senate *Washington, D.C. 20510*

- 14474 Interest rates and mortgage credit, hearing, 89th Congress, 2d session, on S. 3687, S. 3627, and S. 3529, Aug. 4, 1966. 1966. iv+128 p. † ● Item 1035
L.C. card 66-62077 Y 4.B 22/3: In 8/S

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 14475 Michigan National Bank branch offices, hearing before subcommittee, 89th Congress, 2d session, on S. 308, Aug. 17, 1966. 1966. iv+45 p. il. †
● Item 1035
L.C. card 66-62416 Y 4.B 22/3 : M 58/966
- 14476 Regulation of maximum rates of interest paid on savings, hearings, 89th Congress, 2d session, on S. 3687 and H.R. 14026, Aug. 13, 1966. 1966. iii+65 p. † ● Item 1035
L.C. card 66-62418 Y 4.B 22/3 : In 8/9
- 14477 Small business investment act amendments of 1966, hearings before Subcommittee, 89th Congress, 2d session, on S. 3695, Aug. 24 and 25, 1966. 1966. iii+80 p. † ● Item 1035
L.C. card 66-62255 Y 4.B 22/3 : Sm 1/11/966

Commerce Committee, Senate
Washington, D.C. 20510

- [Committee hearings] serial, 89th Congress. ● Item 1041
- 14478 67. Ocean freight rates on military cargos, hearings before Subcommittee on Merchant Marine and Fisheries, 89th Congress, 2d session, on S. 3297, May 9 and 10, 1966. 1966. iii+99 p. †
L.C. card 66-62078 Y 4.C 73/2 : 89-67
- 14479 Discriminatory shipping practices of foreign nations, reports prepared by Department of State, Maritime Administration, and Federal Maritime Commission; Aug. 12, 1966. 1966. iii+12 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 66-62350 Y 4.C 73/2 : Sh 6/15

Finance Committee, Senate
Washington, D.C. 20510

- 14480 Foreign investors tax act of 1966, hearings, 89th Congress, 2d session, on H.R. 13103, Aug. 8-10, 1966. 1966. v+276 p. * Paper, 75c. ● Item 1038
L.C. card 66-62256 Y 4.F 49 : F 76/5

Foreign Relations Committee, Senate
Washington, D.C. 20510

- 14481 Nominations of Robert R. Bowie and U. Alexis Johnson, hearings, 89th Congress, 2d session, on nominations of Robert R. Bowie to be counselor of State Department, and U. Alexis Johnson to be ambassador to Japan, Aug. 16 and 23, 1966. 1966. iii+130 p. † ● Item 1039
L.C. card 66-62261 Y 4.F 76/2 : B 67/966

Government Operations Committee, Senate
Washington, D.C. 20510

- 14482 Amend Federal property and administrative service act of 1949, hearing before Subcommittee on Foreign Aid Expenditures, 89th Congress, 2d session, on S. 3385, June 22, 1966. 1966. iii+62 p. † ● Item 1037
L.C. card 66-62253 Y 4.G 74/6 : F 31/2/966
- 14483 Disposal of surplus and excess property abroad, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 2d session, May 3-18, 1966. 1966. vi+193 p. il. † ● Item 1037
L.C. card 66-62254 Y 4.G 74/6 : Su 7/6/966
- 14484 Population crisis, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 1st session, on S. 1676. ● Item 1037
L.C. card 66-60601 Y 4.G 74/6 : P 81/pt.4
pt. 4. Appendix. 1966. ix+2013-2362 p. il. * Paper, \$1.00.
- 14485 Property taxes in Federal enclaves, hearings before Subcommittee on Intergovernmental Relations, 89th Congress, 2d session, on S. 3000, July 12 and 13, 1966. 1966. iv+108 p. † ● Item 1037
L.C. card 66-62151 Y 4.G 74/6 : T 19

GOVERNMENT PUBLICATIONS

Interior and Insular Affairs Committee, Senate *Washington, D.C. 20510*

- 14486 Gold production incentives, hearing before Subcommittee on Minerals, Materials, and Fuels, 89th Congress, 2d session, on S. 1377, S. 2562, S. Res. 83, May 4, 1966. 1966. v+149 p. il. † ● Item 1040
L.C. card 66-62150 Y 4.In 8/13 : G 56/5
- 14487 Interior nomination, hearing, 89th Congress, 2d session, on nomination of Frank C. Di Luzio to be Assistant Secretary of Interior, July 20, 1966. 1966. ii+40 p. il. † ● Item 1040
L.C. card 66-62154 Y 4.In 8/13 : N 72/966-3
- 14488 North Cascades-Olympic National Park, hearings, 89th Congress, 2d session, on study team report on recreational opportunities in State of Washington, Feb. 11 and 12, 1966. 1966. xxxvii+1062 p. il. † ● Item 1040
L.C. card 66-62420 Y 4.In 8/13 : N 81c
- 14489 Point Reyes National Seashore, hearing before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 1607, July 27, 1966. 1966. iii+54 p. † ● Item 1040
L.C. card 66-62421 Y 4.In 8/13 : P 75/966
- 14490 Redwood National Park, hearings before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 2962. ● Item 1040
L.C. card 66-62157 Y 4.In 8/13 : R 24/8/pt.1
pt. 1. Crescent City, Calif., June 17 and 18, 1966. 1966. vi+427 p. il. †
- 14491 Sawtooth Park on Recreation Area, hearings before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 3294 and S. 3295, June 13 and 14, 1966. 1966. vii+217 p. il. † ● Item 1040
L.C. card 66-62080 Y 4.In 8/13 : Sa 9/2

Judiciary Committee, Senate *Washington, D.C. 20510*

- 14492 Alleged price fixing of library books, hearings before Subcommittee on Antitrust and Monopoly, 89th Congress, 2d session, pursuant to S. Res. 191, Mar. 23-May 12, 1966. 1966. iv+177 p. * Paper, 45c. ● Item 1042
L.C. card 66-62073 Y 4.J 89/2 : L 61
- 14493 Civil rights, hearings before Subcommittee on Constitutional Rights, 89th Congress, 2d session, on S. 3296, amendment 561 to S. 3296 [and other bills]. † ● Item 1042
L.C. card 66-62273 Y 4.J 89/2 : C 49/13/966/pt.1,2
pt. 1. June 6-28, 1966. 1966. ix+1-961 p.
pt. 2. July 13-Aug. 4, 1966, and appendices. 1966. ix+963-1855 p. 1 tab.
- 14494 Cuban refugee program, hearings before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 89th Congress, 2d session. ● Item 1042
L.C. card 66-62158 Y 4.J 89/2 : C 89/2/966/pt.3
pt. 3. Newark, N.J., Apr. 15, 1966. 1966. iii+211-304 p. †
- 14495 Distribution problems affecting small business, hearings before Subcommittee on Antitrust and Monopoly, 89th Congress, 2d session, pursuant to S. Res. 191. ● Item 1042
L.C. card 65-62474 Y 4.J 89/2 : Sm 1/pt.2
pt. 2. Jan. 18-27, 1966. 1966. iv+497-964 p. * Paper, \$1.25.
- 14496 Proposed travel controls, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 89th Congress, 2d session, on S. 3243, May 17-19, 1966. 1966. iii+185+vii p. il. * Paper, 50c. ● Item 1042
L.C. card 66-62423 Y 4.J 89/2 : T 69/3
- 14497 Study of anatomy of Communist takeover, prepared by Assembly of Captive European Nations for Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws. 1966. iii+70+v p. (Committee print, 89th Congress, 2d session.) * Paper, 25c. ● Item 1042
L.C. card 66-62434 Y 4.J 89/2 : C 73/53

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Labor and Public Welfare Committee, Senate
Washington, D.C. 20510

- 14498 Amendments to Economic opportunity act of 1964, hearings before Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d session, on S. 3164, S. 2908, S. 3139, June 21-24, 1966. 1966. ix+737 p. il. † ● Item 1043
L.C. card 66-62262 Y 4.L 11/2: Ec 7/966
- 14499 Family planning program, hearing before Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d session, on S. 2993, May 10, 1966. 1966. iv+135 p. † ● Item 1043
L.C. card 66-62149 Y 4.L 11/2: F 21
- 14500 Nomination, hearing, 89th Congress, 2d session, on Bertrand M. Harding of Virginia to be deputy director of Office of Economic Opportunity, June 2, 1966. 1966. ii+15 p. † ● Item 1043
L.C. card 66-61967 Y 4.L 11/2: N 72/5/966-5
- 14501 — on Stanley H. Ruttenberg of Maryland to be Assistant Secretary of Labor, June 2, 1966. 1966. ii+13 p. † ● Item 1043
L.C. card 66-61988 Y 4.L 11/2: N 72/5/966-4

Post Office and Civil Service Committee, Senate
Washington, D.C. 20510

- 14502 Parcel post, hearings, 89th Congress, 2d session, on H.R. 14904, July 12-Aug. 3, 1966. 1966. vii+657 p. il. † ● Item 1044
L.C. card 66-62156 Y 4.P 84/11: P 21

Public Works Committee, Senate
Washington, D.C. 20510

- 14503 Revenue bond financing by TVA, hearing before Subcommittee on Flood Control, Rivers and Harbors, 89th Congress, 2d session, on H.R. 15225, S. 3419, and S. 2827, June 28, 1966. 1966. iii+121 p. il. † ● Item 1045
L.C. card 66-62162 Y 4.P 96/10: T 25/5/966

Rules and Administration Committee, Senate
Washington, D.C. 20510

- 14504 Special Committee on Organization of Congress, hearing, 89th Congress, 2d session, on S. Res. 293, Aug. 17, 1966. 1966. iii+17 p. † ● Item 1046
L.C. card 66-62153 Y 4.R 86/2: C 76/4/966

Small Business, Select Committee on, Senate
Washington, D.C. 20510

- 14505 Expansion of beef exports, hearings before Select Committee on Small Business and Committee on Agriculture and Forestry, Senate, 89th Congress, 1st session
L.C. card 65-61970 Y 4.Sm 1/2: B 39/pt.2
pt. 2. Briefing on agricultural and beef proposals and potential problems in Kennedy-round trade negotiations, Sept. 9, 1965. 1966. iii+325-358 p. † ● Item 1032 and 1049
- 14506 Regional procurement, hearings before subcommittee, 89th Congress, 2d session. ● Item 1049
L.C. card 66-61216 Y 4.Sm1/2: P 94/11/pt.3
pt. 3. Small business procurement in New York State, Feb. 21, 1966. 1966. iii+449-541 p. [These hearings were held in New York City.] †

CONSUMER AND MARKETING SERVICE, Agriculture Dept.
Washington, D.C. 20250

- C&MS (series). † A 88.40/2: (nos.)
- 14507 11. Packaged fluid milk sales in Federal milk order markets by size and type of containers and distribution method, during Nov. 1964. [July 1966.] 42 p. 4° (Dairy Division.)

GOVERNMENT PUBLICATIONS

C&MS (series)—Continued

- 14508 14. Fresh fruit and vegetable shipments by commodities, States, months, calendar year 1965. June 1966. 20 p. 4° (Fruit and Vegetable Division, Market News Branch.)
L.C. card 57-60882
- 14509 22. Bulk cooling tanks on farms supplying Federal milk order markets, [Jan. 1966]. Aug. 1966. 16 p. 4° (Dairy Division.) [Previous report, for Jan. 1964, was issued by Agricultural Marketing Service in June 1964 as AMS-261.]
L.C. card 62-60415
- 14510 49. Federal seed act. [Aug. 1966.] [2] p. oblong 8°, folded into narrow 8° size.
- 14511 50. Sources of milk for Federal order markets by State and county. Sept. 1966. 50+[2] p. il. 4° (Dairy Division.) [Reported for 1963 in AMS-243 (1964), issued Nov. 1964.]
- 14512 United States standards for grade of pickles, effective Sept. 1, 1966. 3d issue. [1966.] [2]+13 p. il. 4° [Published in Federal register, July 29, 1966. Supersede standards which have been in effect since Apr. 30, 1954.] †
A 88.6/2: P 587/966

CUSTOMS BUREAU, Treasury Dept. Washington, D.C. 20226

- 14513 Measurement of vessels, regulations relating to admeasurement of vessels, together with relevant laws of United States, Suez Canal regulations, and Panama Canal rules, pt. 2 of Customs regulations, revised to Jan. 1951. 1966 reprint. iii+[131] p. il. 4° [Cumulates revised pages sets 1-14 of 1951 printing. Issued in looseleaf form.] * Paper, \$1.25. ● Item 948
L.C. card 43-50845 T 17.9/2: V 63/rep. 966

DEFENSE DEPARTMENT Washington, D.C. 20301

Cataloging handbook H (series).

- 14514 7. Manufacturers part and drawing numbering systems, supplement. Aug. 1966. vii+186 p. il. 4° (Defense Logistics Services Center, Defense Supply Agency, Battle Creek, Mich.) [Seventh cumulative supplement to basic handbook dated Nov. 1964. Supersedes cumulative supplement dated May 1966. Issued with perforations.] † ● Item 314-A D 7.6/2: 7/3/supp. 7
- 14515 Classes of surplus personal property sold by Department of Defense. Aug. 1966. 31 p narrow 8° (Defense Supply Agency, Defense Logistic Services Center, Federal Center, Battle Creek, Mich.) † ● Item 314-A
D 7.2: P 94/5/966

Defense Supply Agency handbook DSAH (series) ● Item 314-A

- 14516 4160.1 Defense scrap yard handbook [with Bibliography for sources of information on metals and materials history and outlook]. June 1966. cover title, vi+[180] p. il. 4° ([Army Department] TM 755-200; NAVSANDA PUB 5523; [Air Force Dept.] AFM 68-3; [Marine Corp] MCO P4010.2A.) [Issued in looseleaf form. Supersedes DSAH 4160.1, TM 754-200, AFM 68-3, MCO P4010.2, Dec. 1962.] * Paper, \$1.25.
D 7.6/7: 4160.1/2
- 14517 Federal supply classification listing of DOD standardization documents; July 31, 1966. [1966.] vi+1042 p. 4° [Issued in looseleaf form. Supersedes index dated July 31, 1965 and supplement dated May 31, 1966.] * Paper, \$10.00 (including basic book and cumulative bimonthly supplements); \$2.50 additional for foreign mailing. ● Item 314-G
D 7.14/2: 966
- 14518 Guide to contractor performance evaluation (development and production), June 1966. [1966.] viii+74 p. il. 4° * Paper, 50c. ● Item 314-A
D 7.6/4: C 76/2
- 14519 Index of specifications and standards: July 31, 1966. [1966.] [Issued in looseleaf form. Supersedes Index dated July 31, 1965 and supplement dated May 31, 1966.] * Paper \$20.00 (including basic issues, pts. 1 and 2, with cumulative bi-monthly supplements for each part for an indefinite period); \$5.00 additional for foreign mailing. ● Item 314-G
L.C. card 61-64801 D 7.14: 966/pt. 1, 2
pt. 1. Alphabetical listing. vii+827 p. 4°
pt. 2. Numerical listing. vii+A1193+B 116 p. 4°

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14520 MILSTRIP, military standard requisitioning & issue procedures, Change 13; Aug. 1, 1966. [1966.] [229] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics.) [Issued in loose-leaf form.] *Paper, \$1.25. ● Item 314-A D 7.6/4: M 59/ch.13
Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTECH reports. D 4.11: (nos.)
- 14521 26. Fiber reinforced thermoplastics, applications, molding techniques, and performance data [with bibliographies]; by Nicholas T. Baldanza. May 1966. vii+50+[2] p. +[3] leaves, il. 4° [Issued with perforations.] Φ Paper, \$3.00
L.C. card 66-62526
- 14522 28. Polybenzimidazoles, review [with list of references]; by J. Richard Hall and David W. Levi. July 1966. [1]+43+[2] p. +[3] leaves, il. 4° [Issued with perforations.] Φ Paper, \$2.00.
L.C. card 66-62527
- Poster DSA-P (series). (Defense Supply Agency.)
- 14523 5220.1. Security violations don't just happen, they are caused. 1966. 22×14 in. *Cardboard, 20c. D 7.19: 5220.1

DEFENSE DOCUMENTATION CENTER, Defense Dept.
Alexandria, Va. 22314

- 14524 Thesaurus of DDC descriptors. June 1966. [1]+iii+510 p. 4° (Cameron Station, Alexandria, Va.) [Updates Thesaurus of ASTIA descriptors, 2d edition, Dec. 1962, and supersedes DDC supplement to thesaurus of ASTIA descriptors, 2d edition, DDC authorized descriptors, July 1964, and Descriptor hierarchies, July 1964.] ‡ ● Item 314-E
L.C. card 66-62431 D 10.2: D 45/966

DISTRICT OF COLUMBIA
Washington, D.C. 20004

- 14525 List of legal investments for trust funds in District of Columbia, as of July 1, 1966. [1966.] ii+61 p. [Semiannual.] †Office of Register of Wills and Clerks of Probate Court. ● Item 430-A
L.C. card 41-7391 DC 21.9: 966-2

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the
President, Washington, D.C. 20596

- 14526 Foster grandparent program. [1966.] 5 p. 4° (Public Affairs; G1.) †
● Item 857-H PrEx 10.2: G 81
- 14527 Job Corps centers [list], July 1, 1966. [1966.] 7 p. 4° † ● Item 857-H
PrEx 10.2: J 57/3/966-2
- 14528 Migrant worker programs in rural community action, migrant programs can promote education and training, improved working conditions, housing, community understanding. [1966.] [4] p. narrow 8° ([C-38]; Community Action Program.) † PrEx 10.2: M 58/3

ECONOMIC RESEARCH SERVICE, Agriculture Dept.
Washington, D.C. 20250

Costs and returns FCR (series). ([Farm Production Economics Division.]) † A 93.9/11: (nos.)

- 14529 37. Western livestock ranches, 1965; [by Wylie D. Goodsell and James R. Gray]. May 1966. [2]+13 v. il. 4°
- 14530 39. Commercial wheat farms, Pacific Northwest, Northern Plains, Southern Plains, 1965; [by Edgar B. Hurd]. June 1966. [2]+16 p. il. 4°
- 14531 40. Commercial tobacco-livestock farms, Bluegrass area, Ky.; [by Owen K. Shugars and John H. Bondurant]. June 1966. [2]+13 p. il. 4° [Prepared in cooperation with Kentucky Agricultural Experiment Station.]
- 14532 41. Commercial egg-producing farms, New Jersey, 1965; [by David T. Mateyka and Robert G. Latimer]. July 1966. [2]+8 p. il. 4°
- 14533 42. Commercial Corn Belt farms, 1965; [by Paul E. Rosenberry]. July 1966. [2]+10 p. il. 4°

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

ERS (series). †

A 93.21: (nos.)

- 14534 205, supp. 1. Marketing economics research publications, reference list; [by Marketing Economics Division]. [May 1966.] ii+10 p. 4°
L.C. card Agr 65-255
- 14535 270. Rural home financing through voluntary home mortgage credit program; [by Lawrence A. Jones]. [July 1966.] iv+22 p. il. 4°
L.C. card Agr 66-263
- 14536 274. Proceedings of workshop-seminar on market development and promotion for agricultural products, University of California, Berkeley, Calif., June 21-25, 1965. [1966.] cover title, vi+126 p. il. 4° [Text on p. 2 of cover.] ● Item 42-1
L.C. card Agr 66-262
- 14537 286. Farm population, estimates for 1965. Apr. 1966. 4 p. 4° (Human Resources Branch, Economic Development Division.)
- 14538 287. Variability of wheat yields in Great Plains; [by Donald K. Larson and Layton S. Thompson]. [June 1966.] [2]+38 p. il. 4° [Prepared in cooperation with Montana Agricultural Experiment Station.]
L.C. card Agr 66-211
- 14539 291. Ownership changes made by bakery and dairy products companies, 1959-64 [with list of literature cited; by Edward A. Cohn and Lindon N. Crutchfield]. [June 1966.] iv+12 p. 4°
L.C. card Agr 66-203
- 14540 292. Changed market for U.S. cigar leaf tobacco; [by Clarence L. Hendrickson]. [July 1966.] 28 p. il. 4°
L.C. card Agr 66-208
- 14541 294. Recreation facilities and services operated by FHA borrowers; [by Judith M. Huff and Hugh A. Johnson]. [June 1966.] iv+12 p. 4°
L.C. card Agr 66-282
- 14542 296. Feasibility of establishing alfalfa dehydrating plants in Northwest resource conservation development project areas [with selected references; by J'Wayne McArthur and Gary C. Taylor]. [July 1966.] iv+14 p. il. 4°
L.C. card Agr 66-284
- 14543 299. Crambe abyssinica, bibliography, 1945-65; [compiled by Ray Corkern]. [July 1966.] ii+9 p. 4°
L.C. card Agr 66-261

ERS-foreign (series). †

A 93.21/2: (nos.)

- 14544 159. Foreign agriculture economics: Cyprus' agricultural economy in brief; by Henrietta Holm Tegeler. July 1966. 9 p. il. 4° (Foreign Regional Analysis Division.)
L.C. card Agr 66-264
- 14545 161. Europe and Soviet Union agricultural situation, midyear review; [prepared in Europe and Soviet Union Branch]. July 1966. 8 p. 4° (Foreign Regional Analysis Division.)
- 14546 162. Far East and Oceania agricultural situation, midyear review; [prepared in Far East Branch]. July 1966. 16 p. 4° (Foreign Region Analysis Division.)
- 14547 Farm-mortgage lending experience of 20 life insurance companies, Federal land banks and Farmers Home Administration, July-Dec. 1965, and calendar year 1965. July 1966. 12 p. 4° (FML-16; Farm Production Economics Division.) † A 93.9/5: 16
- 14548 Farm real estate market developments, CD-68. July 1966. 44 p. il. 4° [Semiannual.] † ● Item 42-A A 93.9/4: 68

EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, D.C. 20202

- 14549 Education in Spain, educational data [with list of selected references by] Ellen M. Doherty in collaboration with George A. Male. [1966.] [3]+36 p. il. (OE-14034-79.) * Paper, 20c. ● Item 460-A-14
L.C. card HEW 66-138 FS 5.214: 14034-79
- 14550 Educational developments in Congo (Leopoldville); by Betty George. [1966.] x+[2]+196 p. il. (OE-14109; Bulletin 1966, no. 1.) [Text on p. 2 of cover.] * Paper, 70c. ● Item 460-A-14
L.C. card HEW 66-137 FS 5.214: 14109
- 14551 Equality of educational opportunity: [sec. 1-sec. 9.9]; by James S. Coleman [and others]. [1966.] vi+737 p. il. 4° (OE-38001; [National Center for Educational Statistics].) [Report of survey, submitted to the President and Congress under sec. 402 of Civil rights act of 1964. Section 1 also issued separately as OE-38000.] * Paper, \$4.25. ● Item 460-A-38
L.C. card HEW 66-127 FS 5.238: 38001

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14552 — sec. 9.10, Correlation tables, supplemental appendix to survey. [1966.] vii+548 p. 4° (Oe-38001, supplement; [National Center for Educational Statistics].) [OE number incorrectly given on title page as 380001.] * Paper, \$3.00. ● Item 460-A-38
L.C. card HEW 66-127 FS 5.238: 38001/supp.
- 14553 Foreign curriculum specialists, overseas projects in education. [1966.] [2]+4+[1] p. narrow 8° ([OE-14129.]) † ● Item 460-A-14
FS 5.214: 14129
- 14554 Instructions for title 1, 1967 application forms, Public law 89-10, Elementary and secondary education act of 1965. June 17, 1966. cover title, [1]+20 p. 4° (OE-37003.) † ● Item 460-A-37 FS 5.237: 37003
- 14555 National Teacher Corps, guidelines. [1966.] [6]+1-1a, 2-28 p. 4° †
FS 5.6/2: N 21
- 14556 New construction and rehabilitation on college campuses, 1961-62, 1962-63, and 1963-64; [by] Leslie F. Robbins. [1966.] viii+79 p. il. 4° (OE-51011; [National Center for Educational Statistics].) [Text on p. 2 of cover.] * Paper, 50c. ● Item 460-A-51 FS 5.251: 51011
- 14557 Office of Education records handbook, standard filing system. [Revised June 1, 1966.] [1966.] cover title, [5]+89+[5] p. il. 4° (OE-11003-A; Office of Administration.) [Prepared with technical assistance of General Services Administration, National Archives and Records Service, Office of Records Management. Issued in looseleaf form with marginal index tabs on divider sheets showing titles.] † ● Item 460-A-11
FS 5.211: 11003-A
- 14558 1967-68 opportunities abroad for teachers under international educational and cultural exchange program, teaching, summer seminars. [1966.] iii+20 p. (OE-14047-68.) [Text on p. 2 of cover.] † ● Item 460-A-14
FS 5.214: 14047-68
- 14559 Progres de l'instruction publique aux Etats-Unis d'Amerique, 1965-66, rapport de l'Office de l'Education, U.S. Department of Health, Education, and Welfare, a 29th Conference Internationale de l'Instruction Publique, Geneve, Suisse, du Juin au 9 Juillet 1966, sous les auspices de l'Organisation des Nations Unies pour l'Education, la Science et la Culture et du Bureau International de l'Education [with bibliography]. [1966.] vi+71 p. il. 4° (OE-10005-66-B.) * Paper, 50c. FS 5.210: 10005-66-B
- 14560 Progreso de la instrucción pública en los Estados Unidos de América, 1965-66, informe presentado por la Oficina Federal de Educación, Secretaría de Salubridad, Educación y Asistencia Social de los Estados Unidos de América ante la 29th Conferencia Internacional de Educación Pública, celebrada en Ginebra, Suiza, del 27 de Junio al 9 de Julio de 1966, patrocinada conjuntamente por la Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura y la Oficina Internacional de Educación [with bibliography]. [1966.] vi+71 p. il. 4° (OE-10005-66-D.) * Paper, 50c. FS 5.210: 10005-66-D
- 14561 Progress of public education in United States, 1965-66, report of Office of Education, Department of Health, Education, and Welfare to 29th International Conference on Public Education, Geneva, Switzerland, June 27-July 9, 1966, jointly sponsored by United Nations Educational, Scientific and Cultural Organization and International Bureau of Education [with bibliography]. [1966.] vi+72 p. il. 4° (OE-10005-66-C.) [Printed in Russian.] * Paper, 50c.
L.C. card E 56-120 FS 5.210: 10005-66-C
- 14562 Publications of Office of Education 1966; prepared by Bobbie Doud. [1962, revised June 1966.] [1966.] vii+60 p. (OE-11000D.) * Paper, 30c. ● Item 460-A-11 FS 5.211: 11000-D
- 14563 Review of activities in Federally aided programs, vocational & technical education, fiscal year 1964. [1966.] v+74 p. 4° ([OE-80008-64.]) * Paper, 45c. ● Item 460-A-80 FS 5.280: 80008-64

- 14564 Social science in Soviet secondary schools, syllabus of new course; by staff of Eastern Europe Unit, Comparative Research Branch. [1966.] iii+23 p. (OE-14124.) * Paper, 15c. ● Item 460-A-14
L.C. card HEW 66-131 FS 5.214: 14124
- 14565 Textbooks for Soviet schools; compiled by Nellie Apanasewicz in collaboration with Seymour M. Rosen. [1966.] [1]+ii+14 p. (OE-14123.) * Paper, 15c. ● Item 460-A-14
L.C. card HEW 66-132 FS 5.214: 14123
- 14566 White House Conference on Education. [1965.] 16 p. il. large 4° ([OE-10035.]) [Reprinted from American education.] * Paper, 25c.
FS 5.210: 10035

EMPLOYMENT SECURITY BUREAU, Labor Dept.
Washington, D.C. 20210

- 14567 Current employment market for engineers, scientists, and technicians; [prepared by Norma F. Ausmus and Alvin W. Saile]. [July 1966.] cover title, iii+31 p. il. 4° †
L.C. card L 62-59 L 7.63/2: 966
- 14568 Developments in community employment program. [1966.] 21 p. il. 4° † ● Item 755
L 7.2: C 73/966
- 14569 Occupations in care and rehabilitation of mentally retarded [with bibliography; by Randolph M. Gregg and Milton R. Boss]. [1966.] cover title, [6]+76 p. il. ([United States Employment Service.]) [Includes list of selected occupational information publications.] † ● Item 755
L.C. card 66-62544 L 7.2: M 52

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, D.C. 20310, Attention Publications Office.

- 14570 Annual report of Chief of Engineers, Army, on civil works activities, fiscal year 1965, v. 1. [1966.] xxxv+120 p. il. [Also issued as H. doc. 324, pt. 1, 89th Cong., 2d sess.] * Paper, 45c. ● Item 334
L.C. card 15-4908 D 103.1: 965/v.1
- 14571 Beach erosion control study, St. Johns County, Fla., letter from chief of engineers, Army, submitting report; July 11, 1966. 1966. vii+58 p. il. 7 pl. 4° [Also issued as S. doc. 97, 89th Cong., 2d sess.] † ● Item 334-A
D 103.22: Sa 2j/2
- 14572 Hurricane survey of northwest Florida coast, letter from chief of engineers, Army, submitting report on interim hurricane survey [with bibliography]; July 11, 1966. 1966. x+91 p. il. 12 pl. 4° [Also issued as H. doc. 459, 89th Cong., 2d sess.] † ● Item 334-A
D 103.22: F 66/9
- 14573 List of publications of Army Engineer Waterways Experiment Station, including hydraulic reports of other Corps of Engineer laboratories and reports of hydraulic model investigations sponsored by other Corps of Engineers offices [new and revised pages]; Jan. 1, 1966. Army-MRC Vicksburg, Miss. [1966.] vi+[100] p. 4° [Issued in looseleaf form.] † Army Engineer Waterways Experiment Station, Post Office Box 631, Vicksburg, Miss. 39180
L.C. card 50-60820 D 103.24/6: 965/rev. pages
- Transportation series. ● Item 343
- 14574 3. Transportation lines on Great Lakes system, 1966; prepared by Board of Engineers for Rivers and Harbors. 1966. ix+53 p. oblong 8° * Paper, 40c.
L.C. card 36-26222 rev. 3 D 103.10: 3/966

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

— Technical reports.

D 103.24/2: (nos.)

- 14575 2-725. Designs for rubble-mound breakwaters, Dana Point Harbor, Calif., hydraulic model investigation; by Y. B. Dai R. A. Jackson. Army-MRC, Vicksburg, Miss., June 1966. ix+23+5+[2] p. il. 10 pl. 11 p. of pl. 4 tab., 4° [Sponsored by Army Engineer District, Los Angeles.] ‡
- 14576 6-454. Investigation of improved Carlson stress meter: report 2, Supplementary tests; by E. E. McVoy, jr. Army-MRC Vicksburg, Miss., July 1966. ix+11+[10] p. il. 4° ‡

**ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION,
Commerce Dept., Washington, D.C. 20235**

- 14577 ESSA symposium on earthquake prediction, Rockville, Md., Feb. 7-9, 1966. 1966. v+167 p. il. 4° * Paper, \$1.00. ● Item 208-B-1
L.C. card 66-62263 C 52.2: Ea 7

ESSA world [official employee publication; John M. Overstreet, editor].
[Quarterly.] † C 52.14: (date)

- 14578 July 1966—

Key to meteorological records documentation. ● Item 275-C
C 30.66/2: (nos.)

- 14579 5.38. Catalogue of meteorological satellite data, Tiros VIII television cloud photography, pt. 3 [with list of references]. 1966. ii+18+[49] p. il. 4° (Environmental Data Service.) * Paper, 45c.
L.C. card 65-65647

- 14580 5.311. Catalogue of meteorological satellite data, ESSA 1 television cloud photography, pt. 1. 1966. [1]+28+[169] p. il. 4° (Environmental Data Service.) * Paper, \$1.00.

- 14581 World weather records, 1951-60; v. 2, Europe. 1966. vii+547 p. map. (Environmental Data Services.) * Cloth \$3.00. ● Item 275
L.C. card 59-65360 C 30.2: W 89/951-60/v.2

**EQUAL EMPLOYMENT OPPORTUNITY COMMISSION
Washington, D.C. 20506**

NOTE.—The Equal Employment Opportunity Commission was established by Public Law 88-352, 88th Congress, approved July 2, 1964 (78 Stat. 241; 42 U.S.C. 2000a).

Digest of legal interpretations issued or adopted by Commission, compilation; prepared by Office of General Counsel. [Quarterly.] †
Y3.Eq 2: 10/(date)

- 14582 965-1— July 2-Oct. 8, 1965—

**FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept.
Washington, D.C. 20201**

[P.A. reports.] FS 14.213: (nos.)

- 14583 57. Les groupes a l'aide de l'individu, 6 rapports d'informations générales présenté au Seminaire des Services par Groupes, Avril 19-23, 1965. [1960.] v+81 p. [For English edition, see Monthly catalog, Oct. 1965, entry 16138.] * Paper, 30c.

- 14584 57. Ayudando a la gente en grupos, 6 documentos de trabajo presentados en el Seminario sobre Servicios de Grupo, Abril 19-23, 1965. [1966.] iv+79 p. [For English edition, see Monthly catalog, Oct. 1965, entry 16138.] * Paper, 30c.

- 14585 Progress report on staff development for fiscal year 1965. June 1966. [22] p. 4° [Issued with perforations.] † FS 14.220: 965

- 14586 Public assistance, costs of State and local administration, services, and training, calendar year 1965. July 12, 1966. [12] p. oblong 8° (Division of Research.) [Issued with perforations.] †
FS 14.202: P 96/7/965-2

- 14587 — vendor payments for medical care by type of service, calendar year 1964. Aug. 3, 1965. [14] p. oblong 8° (Division of Program Statistics and Analysis.) [Issued with perforations.] †
L.C. card HEW 62-152 FS 14.202: M 46/964

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 35

GOVERNMENT PUBLICATIONS

- 14588 Working with groups, guide for administration of group services in public welfare [with selected reading list]; by Marjorie Montelius. [1966.] iv+57 p. ([BFS 13-24/Professional.]) * Paper, 25c. ● Item 468-B-3
L.C. card HEW 66-133 FS 14:208: G 91

FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, D.C. 20250

- Bulletin reprints. † A 89.3/a: (nos.)
- 14589 2. Supply cooperatives; [by Warren Mather and Staff, Farm Supplies Branch]. [1966.] cover title, 49 p. il. [Reprint from FSC bulletin 1, Farmer cooperatives in United States. Contents on p. 2 of cover; page 49, last page of text, printed on p. 3 of cover. Text on p. 2 of cover.]
- 14590 3. Basic cooperative features; [by Joseph G. Knapp]. [1966.] [3]+11 p. il. [Reprint from FSC Bulletin 1, Farmer cooperatives in United States, revised 1965.]
- 14591 4. Agricultural cooperation, pioneer to modern; [by Martin A. Abrahamsen]. [1966.] iii+23 p. il. [Reprint from FSC bulletin 1, Farmers cooperatives in United States, revised 1965.]
- 14592 5. Communications vital to cooperatives; [by Beryle E. Stanton]. [1965.] [2]+14 p. il. [Reprint from FSC bulletin 1, Farmer cooperatives in United States, issued 1965.]
- 14593 Cooperatives, partners in American life, proceedings of Cooperative Month observance, Oct. 1965. [July 1966.] cover title, iv+116 p. il. 4° †
● Item 65-C
L.C. card 66-62432 A 89.2: C 78

General report.

- 14594 134. Statistics of farmer cooperatives, 1963-64; by Bruce L. Swanson. [July 1966.] vi+24+[1] p. 4° † ● Item 65-A A 89.11: 134

News for farmer cooperatives, reprint.

- 14595 316. Bargaining cooperatives look to future; [by Walter M. Furbay]. [1966.] [4] p. il. 4° † A 89.8/a: 316

FARMERS HOME ADMINISTRATION, Agriculture Dept. Washington, D.C. 20250

- 14596 Mid-Hudson rural development. June 1966. cover title, [1]+12+[14] p. il. 4° † A 84.2: H 86
- 14597 Press reports, building rural America, rural areas development. [July 1966.] cover title, iii+51 p. il. 4° † A 84.2: P 92

FEDERAL AVIATION AGENCY Washington, D.C. 20553

- 14598 FAA Academy catalog. [1966.] ix+240 p. il. † Federal Aviation Aeronautical Center, Oklahoma City, Okla. FAA 1.2: F 31/3

Federal aviation regulations. [Issued in looseleaf form.]

FAA 1.6/8: (nos.)

- 14599 pt. 33. Airworthiness standards, aircraft engines, Change 2 [effective] July 6, 1966. [1966.] [8] p. 4° [Incorporates Amendment 33-2.] †
- 14600 pt. 43. Maintenance, preventive maintenance, rebuilding, and alteration, Change 6, [effective] July 6, 1966. [1966.] [6] p. 4° [Incorporates Amendment 43-6.] †
- 14601 pt. 45. Identification and registration marking, Change 2, [effective] July 21, 1966. [1966.] [3] leaves+4 p. 4° [Incorporates amdt. 45-2.] †
- 14602 pt. 61. Certification: Pilots and flight instructors, Change 15 [effective] July 6, 1966. Aug. 15, 1966. [20] p. 4° [Incorporates amdt. 61-21.] †
● Item 431-C-13
- 14603 pt. 63. Same: Flight crewmembers other than pilots, Change 5, [effective] July 1 and 6, 1966 [and] Aug. 15, 1966. [1966.] [10] p. 4° [Incorporates Amendment 63-4.] †
- 14604 pt. 65. Same: Airmen other than flight crewmembers, Change 7; [effective] Aug. 15, 1966. [1966.] [10] p. 4° [Incorporates Amendment 65-8.] †
- 14605 pt. 67. Medical standards and certification, Change 5, [effective] July 16, 1966. [1966.] [8] p. 4° [Incorporates amdt. 67-5.] †
- 14606 pt. 77. Objects, affecting navigable airspace, Change 1; [effective] July 12, 1966. [1966.] [10] p. 4° [Incorporates amendment 77-2.] †
- 14607 pt. 95. IFR altitudes. [1966.] cover title, [16] p. il. 4° [Reissued to include subparts B and D.] * Paper, 20c. ● Item 431-C-13

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14608 pt. 103. Transportation of dangerous articles and magnetized materials. Change 2, [effective] July 31, 1966. [1966.] [4]+6 p. 4° [Incorporates amtds. 103-2.] †
- 14609 pt. 121. Certification and operations: Air carriers and commercial operators of large aircraft, Change 13; [effective] June 30, 1966. [1966.] [18] p. 4° [Incorporates amdt. 121-20.] †
- 14610 Same: Change 14; [effective] Sept. 8, 1966. [1966.] [12] p. 4° [Incorporates amdt. 121-21.] †
- 14611 pt. 127. Certification and operations of scheduled air carriers with helicopters, Change 5 [effective] July 6, 1966. [1966.] [8] p. 4° [Incorporates amdt. 127-5.] †
- 14612 Same: Change 6, [effective] Sept. 8, 1966. [1966.] [11] p. 4° [Incorporates amdt. 127-6.] †
- 14613 pt. 133. Rotorcraft external-load operations. Change 2; [effective] July 6, 1966. [1966.] [12] p. 4° [Incorporates Amendment 133-2.] †
- 14614 pt. 145. Repair stations, Change 6, [effective] July 6 and Sept. 8, 1966. [1966.] [16] p. 4° [Incorporates Amendments 145-6 and 145-7.] †
- 14615 pt. 149. Parachute lofts, Change 1; [effective] July 1966. [1966.] [6] p. 4° [Incorporates Amendment 149-1.] †
- 14616 pt. 157. Notice of construction, alteration, activation, and deactivation of airports. Revised Mar. 2, 1966. [1966.] cover title, [6] p. 4° * Paper, 15c.
- 14617 pt. 183. Representatives of administrator, Change 1, [effective] July 6, 1966. [1966.] [7] p. 4° [Incorporates Amendment 183-1.] †
- 14618 Status of Federal aviation regulations. July 1, 1966. 2+[1] p. 4° †
FAA 1.18: 966-3

FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

- 14619 Rules and regulations, v. 2, May 1966. [1966.] cover title, 116 p. 4° [Issued in looseleaf form. Supersedes Jan. 1964 edition.] * Paper, \$2.00 (including basic volume and supplementary material for an indefinite period); 75c. additional for foreign mailing. ● Item 287
L.C. card 60-61384 CC 1.6/2: 966
Includes—Part 2, Frequency allocations radio treaty matters, general rules and regulations.—Part 15, Radio frequency devices.—Part 18, Industrial, scientific, and medical equipment.
- 14620 Statistics of principal domestic and overseas telegraph carriers reporting annually to Commission, as at Dec. 31, 1965 and for year then ended. [1966.] [4] leaves f°, folded into oblong 12° †
L.C. card 56-60371 CC 1.41: 965
- 14621 Statistics of telephone carriers reporting annually to Commission as at Dec. 31, 1965 and for year then ended. [1966.] [4] leaves narrow f°, folded into oblong 12° †
CC 1.14/2: 965

FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 14622 Federal credit union program, 1965 annual report [31st anniversary]. [1966.] viii+88 p. il. 4° (FCU-561.) † ● Item 525 FS 3.301: 965

FEDERAL DEPOSIT INSURANCE CORPORATION Washington, D.C. 20429

- 14623 Control of time and savings deposits, address by K. A. Randall, chairman. Federal Deposit Insurance Corporation, Washington, D.C., before Southwestern Graduate School of Banking, Southern Methodist University, Dallas, Tex., July 27, 1966. [1966.] [1]+15 leaves, 4° †
Y 3.F 31/8: 10 R 15

Report of call.

- 14624 74. Assets, liabilities, and capital accounts, commercial and mutual savings banks, Dec. 31, 1965. [1966.] cover title, 42 p. oblong 8° [Call no. 73, Oct. 13, 1965, not tabulated for all banks.] †
Y 3.F 31/8: 9/73

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

FEDERAL EXTENSION SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 14625 Directory of publications available on foreign trade and markets; compiled by Dana G. Dalrymple. June 1966. [4]+9 p. 4° (Mimeo D-22; [MUS-60(5/66)].) †
L.C. card 66-62555 A 43.34/2: F 76
- 14626 How extension spends its time and with whom. [Feb. 1966.] [2] p. il. oblong 8°, folded into narrow 8° † A 43.21: Ex 8/3

FEDERAL HOME LOAN BANK BOARD
Washington, D.C. 20552

- 14627 FSLIC-insured savings and loan associations average annual dividend rates paid, Dec. 31, 1965. [Mar. 1966.] [4] p. 4° ([Operating Analysis Division.]) † FHL 1.21: 965
- 14268 Nonfarm mortgage investments of life insurance companies, 1965. [July 1966.] cover title, 8 p. il. ([Operating Analysis Division, Data Processing.]) †
L.C. card 51-16791 FHL 1.18: 965

**FEDERAL HOUSING ADMINISTRATION, Housing and Urban
Development Dept., Washington, D.C. 20411**

- 14629 FHA financing for home purchases and home improvements. Revised May 1966. [1966.] [12] p. il. narrow 8° (FHA 428; Consumer bulletin.) * Paper, 10c. ● Item 589-A HH 2.6/6: H 75/3/966
- 14630 FHA value-costs and maximum mortgage amounts for 1-, 2-, 3-, and 4-family residences, specified statutory or administrative limits for: sec. 203(b) Occupant and nonoccupant mortgagors; sec. 203(b) Veteran occupant mortgagors; sec. 220(d) (3) (A) Urban renewal areas [areas]; sec. 222, Servicemen occupant mortgagors, pts. 1-5. [1966.] [63] p. 4° (FHA 426, revised June 1966.) † ● Item 589 HH 2.2: M 84/4/966
- 14631 Land-use intensity standards, LUI scale and zoning, [by] Byron R. Hanke, chief land planner, Federal Housing Administration. [1966.] 24 p. il. 4° [Paper presented at 1965-66 conferences of American Institute of Planners, American Society of Civil Engineers, American Society of Planning Officials, California League of Cities and National Association of Home Builders. Issued with perforations.] † ● Item 589 HH 2.2: L 22
- 14632 [Minimum property standards for 1 and 2 living units], interim revision 31. June 1966. [1]+6+[1] p. il. 4° [Issued in looseleaf form.] †
● Item 593 HH 2.17/4: 965/rev. pages

FEDERAL MARITIME COMMISSION
Washington, D.C. 20573

- FMC-SP (series). † FMC 1.9: (nos.)
- 14633 66-13. Terminals, foreign trade and Federal Maritime Commission, appraisal, address by John Harlee, chairman of Federal Maritime Commission, before annual convention of American Association of Port Authorities, Detroit, Mich., Sept. 14, 1966. [1966.] 5 p. 4°
- 14634 66-15. Legal barriers, if any, inhibiting realization of intermodal coordinated transportation of cargo moving in ocean foreign commerce of United States, remarks of Edward Schmeltzer at 1966 annual convention of Federal Bar Association, Counsel for Transportation and Communication Law, Sept. 9, 1966. [1966.] 4 p. 4°

FEDERAL MEDIATION AND CONCILIATION SERVICE
Washington, D.C. 20427

- 14635 Federal Mediation and Conciliation Service, 18th annual report, fiscal year 1965. 1966. vi+85 p. il. * Paper, 40c. ● Item 433
L.C. card 49-45739 FM 1.1: 965

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

**FEDERAL REGISTER OFFICE, General Services Administration
Washington, D.C. 20408**

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply the 1965 pocket supplements for use during 1966 and any completely revised volumes issued in 1966 on a subscription basis at \$100.00 a year, \$30.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 14636 Code of Federal regulations: title 1 [General provisions], title 2 [Congress], title 3 [the President], revised as of Jan. 1, 1966. [1966.] viii+611 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1966, with ancillaries.] * Paper, \$1.75. ● Item 572
L.C. card 49-46198 GS 4.108: 1-3/966

**FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS
Washington, D.C. 20551**

- 14637 Monetary policy and allocation of commercial bank credit, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System, before Vermont-New Hampshire School of Banking, Amos Tuck School of Business Administration, Dartmouth College, Hanover, N.H., Sept. 11, 1966. [1966.] [1]+21 leaves, 4° † FR 1.23: B 77/4
- 14638 Recent credit and monetary developments. [1966.] [1]+937-949 p. il. 4° [Reprinted from Federal Reserve bulletin, July 1966.] ‡
FR 1.3/a: C 86/22
- Regulation (series). †
- 14639 D. [Reserves of member banks], supplement, effective as to member bank in reserve cities Sept. 8, 1966, and as to all other member banks Sept. 16, 1966. [1966.] 1 p. FR 1.6: D 962/supp.-4
- 14640 Q. Payment of interest on deposits, amendment, effective July 20, 1966. [1966.] 1 p. FR 1.6: 937/Q/amdt. 8
- 14641 Q. Maximum rates of interest payable on time and savings deposits by member banks, supplement to regulation Q, sec. 217.6, effective July 20, 1966. [1966.] 1 p. FR 1.6: 937/Q/supp. 7
- 14642 R. Relationships with dealers in securities under sec. 32 of Banking act of 1933, as amended effective July 11, 1966. [1966.] [2]+5 p. [Title 12, Code of Federal regulations, pt. 218.] FR 1.6: R/966-3

**FEDERAL SUPPLY SERVICE, General Services Administration
Washington, D.C. 20405**

- 14643 Federal specifications. ● Item 563 GS 2.8:

NOTE.—These specifications are now so completely covered by the Index of Federal specifications standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

Complete information on the Index of Federal specifications will be found in the Appendix to the February 1966 issue of the Monthly Catalog under Entry number 3052 and in the May 1966 issue under Entry number 7426.

Federal standards. [Issued with perforations.] ● Item 563

NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets SW., Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.

- 14644 22c. Customer, wearing apparel, wood (general office); May 24, 1966. 1966. 1 p. 4° (FSC 7195.) [AA-C-556, issued in effect. Supersedes Fed. std. 22d, Apr. 2, 1965.] † Paper, 5c. GS 2.8/3: 22c

Federal test method standards. [Issued in looseleaf form.] ● Item 563

NOTE.—Federal test method standards may be purchased from the General Services Administration, Specifications Activity, Printed Materials Supply Division, Building 197, Naval Weapons Plant, Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.

✦For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Federal test method standards—Continued

- 14645 501a. Floor coverings, resilient, nontextile: Sampling and testing; June 15, 1966. [1966.] cover title, [187] p. il. 4°. [Supersedes Int. Fed. test method std. 00501, Mar. 12, 1963.] † Paper, \$1.00. GS 2.8/7: 501a
- 14646 General stores stock catalog: Oct. 1966 supplement to Jan. 1966 hand tool section. [1966.] [2]+13 p. 4°. * Paper, 10c. ● Item 565-B
GS 2.10/2-2: 966/supp.-3

FEDERAL TRADE COMMISSION Washington, D.C. 20580

- 14647 Tire advertising and labeling guides, adopted July 5, 1966 (except guide 15, adopted Mar. 3, 1966.) [1966.] [2]+17 p. (FTC IL 4299 rev.) †
FT 1.8/2: T 51

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, D.C. 20242

NOTE.—The Federal Water Pollution Control Administration was transferred from the Department of Health, Education, and Welfare to the Department of the Interior by Reorganization Plan no. 2 of 1966, effective May 10, 1966.

- 14648 Selected summaries of water research. May 1966. 6 p. 4° (Basic and Applied Sciences Program, Cincinnati Water Research Laboratory, Cincinnati, Ohio.) †
I 67.12: 966/1
- 14649 Southeastern comprehensive project for water pollution control. [June 1966.] [2]+12+[1] p. il. narrow 8° ([WP-14.]) † ● Item 473-A-1
I 67.2: So 8

FISH AND WILDLIFE SERVICE, Interior Dept. Washington, D.C. 20240

- 14650 American eagles and their economic status, 1964 [with lists of literature cited; by] E. R. Kalmbach, Ralph H. Imler, and Lee W. Arnold. [1966.] cover title, [6]+51+[2]+35 p. il. (Bureau of Sport Fisheries and Wildlife.) [Comprising introduction, Recent changes in status of American eagles, by John W. Aldrich, and reprints of 2 reports, Bald eagle and its economic status, by Ralph H. Imler and E. R. Kalmbach, Circular 30, 1955, and Golden eagle and its economic status, by Lee W. Arnold, Circular 27, 1954.] †
L.C. card 66-62548 I 49.2: Ea 3/2

Circular.

- 14651 247. Annual report of Bureau of Commercial Fisheries Biological Laboratory, Gulf Breeze, Fla., fiscal year, 1965. May 1966. iii+15 p. il. 4° (Bureau of Commercial Fisheries.) † ● Item 609 I 49.4: 247

Fish disease leaflet FDL—(series).

- 14652 5. Parasites of freshwater fishes: 4, Miscellaneous, 6, Parasites of catfishes [with annotated bibliography]; by Fred P. Meyer. Mar. 1966. 7 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † I 49.28/3: 5

Fishery leaflets. (Bureau of Commercial Fisheries.) † I 49.28:(nos.)

- 14653 583. Plankton [with list of references]; by Louella E. Cable. July 1966. iii+13 p. il. 4° ● Item 611-D
- 14654 589. Shrimp and shrimp fishery of southern United States [with list of publications containing further information; by William W. Anderson]. [Revised Jan. 1966.] [1966.] cover title, 8 p. il. 4°
- 14655 591. Fishery motion pictures. [1966.] cover title, 24 p. il. oblong 32° [Text on p. 2 of cover.]

Fishery market development series. (Bureau of Commercial Fisheries.)

- 14656 1. Florida fish recipes. [June 1966.] cover title, 16 p. il. [Prepared in cooperation with Florida Board of Conservation and Southeastern Fisheries Association, Inc. Text and other illustrations on p. 1-4 of cover. Some of the illustrations are colored.] * Paper, 35c. ● Item 611-F I 49.49/2: 1

Refuge leaflets. (Bureau of Sport Fisheries and Wildlife.) †

I 49.44: (nos.)

- 14657 2. Bear River Migratory Bird Refuge. [1952, last revised 1966.] [1966.] 4 p. il. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

OCTOBER 1966

- 14658 25. Aransas National Wildlife Refuge, Austwell, Tex. [Revision 2.] [June 1966.] [6] p. il. 4°
- 14659 49. Mingo National Wildlife Refuge. [Dec. 1959, revised May 1966.] [1966.] [1966.] 4 p. il. 4°
- 14660 51. Santa Ana National Wildlife Refuge. [Jan. 1960, revised May 1966.] [1966.] 4 p. il. 4°
- 14661 61. Rice Lake National Wildlife Refuge. [Mar. 1960, revised Apr. 1966.] [1966.] 4 p. il. 4°
- 14662 112. Birds of Havasu Lake National Wildlife Refuge. [Revision 3.] [July 1966.] 4 p. 4°
- 14663 120. Birds of Santee National Wildlife Refuge. [Revision 2.] [July 1966.] 4 p. 4°
- 14664 125. Birds of Laguna Atascosa National Wildlife Refuge. [Aug. 1954, revised May 1966.] [1966.] 4 p. 4°
- 14665 139. Birds of Bear River Migratory Bird Refuge. [Mar. 1955, revised Mar. 1966.] [1966.] 4 p. 4°
- 14666 174. Birds of Great Meadows National Wildlife Refuge. [Revision 2.] [July 1966.] 3 p. 4°
- 14667 189. Birds of Swan Lake National Wildlife Refuge. [Nov. 1957, revised Mar. 1966.] [1966.] 4 p. 4°
- 14668 216. Birds of William L. Finley National Wildlife Refuge. [June 1966.] 4 p. 4°
- 14669 524. Harris Neck National Wildlife Refuge. [May 1966.] 4 p. il. 4°
- 14670 525. Lake Woodruff National Wildlife Refuge. [May 1966.] [2] p. il. 4°
- 14671 527. Farallon National Wildlife Refuge. [June 1966.] [2] p. il. 4°
- 14672 528. Red Rock Lakes National Wildlife Refuge. [June 1966.] 4 p. il. 4°

Regulatory announcement.

- 14673 76. Federal regulations governing hunting, possession, transportation, importation of mourning and white-winged doves, wild pigeons, rails, gallinules, woodcock, and Wilson's snipe, and of waterfowl, coots, and cranes in Alaska, 1966-67. Aug. 1966. 16 p. (Bureau of Sport Fisheries and Wildlife.) † ● Item 613 I 49.24: 76

Resource publication. ● Item 613-B

- 14674 13-15. Investigations in fish control: 9, Relation of chemical structure to fish toxicity in nitrosalicylanilides and related compounds [with list of literature cited], by Charles R. Walker, Roland J. Starkey and Leif L. Marking; 10, Evaluation of p,p'-DDT as reference toxicant in bioassays [with list of literature cited], by Leif L. Marking; 11, Evaluation of electronic method of measuring hematocrits of fish [with list of literature cited], by Richard A. Schoettger and Arnold M. Julin. Feb. 1966. [1]+12+10+11 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † I 49.66: 13-15

Special scientific report: Fisheries (series). (Bureau of Commercial Fisheries.)

- 14675 531. Length-weight relation of summer flounder *Paralichthys dentatus* (Linnaeus) [with list of literature cited]; by Fred E. Lux and L. R. Porter, jr. June 1966. iii+5 p. il. 4° † ● Item 614-B I 49.15/2: 531

— Wildlife (series). (Bureau of Sport Fisheries and Wildlife.) † I 49.15/3: (nos.)

- 14676 94. Birds of Isle Royale in Lake Superior [with list of references]; by Laurits W. Krefling [and others]. June 1966. vi+56 p. il. 4°
- 14677 97. Selected bibliography on red-winged blackbird, life history, economic status, banding, and control; by Brooke Meanley and Roberts T. Mitchell. June 1966. [21+12 p. 4°

Statistical digest.

- 14678 58. Fishery statistics of United States, 1964 [with list of statistical publications]; by Charles H. Lyles. 1966. [2]+541 p. il. 4° (Bureau of Commercial Fisheries.) * Paper, \$2.50. ● Item 615 I 49.32: 58
L.C. card 42-38120

Technical paper. ● Item 615-A

- 14679 5. Ecology of Gila trout in main Diamond Creek in New Mexico [with list of references]; by Danny M. Regan. Jan. 1966. 24 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † I 49.68: 5
L.C. card 66-62468

Wildlife leaflet.

- 14680 472. Birds protected by Federal law; compiled [by] Division of Management and Enforcement. May 1966. 4 p. 4° (Bureau of Sport Fisheries and Wildlife.) [Supersedes WL 469, July 1965.] * Paper, 5c. ● Item 616-B I 49.13: 472

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 41

GOVERNMENT PUBLICATIONS

FLIGHT STANDARDS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 14681 Denalt performance computer to find expected rate of climb [and] takeoff distance, use with fixed pitch propeller airplanes. [1966.] ([Operations Division, Safety education series no. 8.]) [Consists of 2 circular plastic cards, 4 in. in diameter, attached to central rivet on which they revolve.] * 50c. FAA 5.8/2: C 73
- 14682 — use with variable pitch propeller airplanes. [1966.] ([Operations Division, Safety education series no. 8.]) [Consists of 2 circular plastic cards, 4 in. in diameter, attached to central rivet on which they revolve.] * 50c. FAA 5.8/2: C 73/2
- 14683 Flight test guide: Gyroplane commercial pilot. Revised 1966. [1966.] iv+10 p. narrow 16° ([AC 61-30].) * Paper, 15c. ● Item 431-F-3
FAA 5.8/2: G 99/2/966
- 14684 Practice guide for decontaminating aircraft [effective 1966]. [1966.] cover title, [3]+ii+22 p. il. 4° (AC 20-48). † Federal Aviation Agency, Printing Branch, HQ-438, Washington, D.C. 20553. ● Item 431-F-3
FAA 5.8/2: D 35

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 14685 FDA report on oral contraceptives [with bibliographies]; by Advisory Committee on Obstetrics and Gynecology. Aug. 1, 1966. cover title, iii+104 p. 4° * Paper, 55c. ● Item 475
L.C. card 66-62371 FS 13.102: C 76/2

FOREIGN BROADCAST INFORMATION SERVICE

- 14686 Broadcasting stations of the world [corrected to] June 1, 1966: pt. 1, Amplitude modulation broadcasting stations according to country and city. [20th edition.] [1966.] cover title, [1]+iii+410+x p. 4° [Includes world time chart.] * Paper, \$2.25. ● Item 856-B
L.C. card 47-32798 PrEx 7.9: 966/pt.1
- 14687 — pt. 2, Amplitude modulation broadcasting stations, according to frequency. [20th edition.] [1966.] cover title, [1]+iii+404+x p. 4° * Paper, \$2.25. ● Item 856-B
L.C. card 47-32798 PrEx 7.9: 966/pt.2
- 14688 — pt. 3, Frequency modulation broadcasting stations. [20th edition.] [1966.] cover title, [1]+iii+142+141 p. 4° * Paper, \$1.50. ● Item 856-B
L.C. card 47-32798 PrEx 7.9: 966/pt.3
- 14689 — pt. 4, Television stations. [20th edition.] [1966.] cover title, [1]+iii+xi+217+202 p. 4° * Paper, \$2.25. ● Item 856-B
L.C. card 47-32798 PrEx 7.9: 966/pt.4
- 14690 Long live victory of people's war; by Lin Piao. [1966.] [2]+42 p. [Pe-king NCNA International Service in English, 1818 GMT Sept. 2, 1965. Text of article in commemoration of 20th anniversary of victory in Chinese people's war of resistance against Japan.] * Paper, 25c.
PrEx 7.2: W 19

FOREIGN SCHOLARSHIPS BOARD

Operations Staff, c/o Bureau of Educational and Cultural Affairs,
Department of State Building, Washington, D.C. 20520

NOTE.—The Board of Foreign Scholarships was authorized by the Mutual educational and cultural exchange act of 1961 (Public law 256 of the 87th Congress, 1st session, approved Sept. 21, 1961).

- 14691 Summary of major activities of Board of Foreign Scholarships, Sept. 1965-Aug. 1966 [4th annual report]. [1966.] [7] p. oblong 8° †
L.C. card 66-62542 Y 3.F 76/4: 1/966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

FOREIGN-TRADE ZONES BOARD
Washington, D.C. 20230

- 14692 Laws, regulations, and other information relating to foreign-trade zones in United States. Reprinted June 1966 with revisions to general information. v+80 p. * Paper, 35c. • Item 542
L.C. card 66-62391 FTZ 1.5: F 76/966

FOREST SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 14693 Forest fire statistics, [calendar year] 1965; prepared by Division of Cooperative Fire Control. [1966.] ii+30 p. il. 4° †
L.C. card 53-63341 A 13.32/2: 965
- Forest pest leaflets. † • Item S2-A A 13.52: (nos.)
- 14694 1. Western pine beetle [with one reference]; by F. P. Keen. Revised May 1966. [1966.] 4 p. il.
- 14695 100. Heart rots of balsam fir [with list of references]; by Paul V. Mook. July 1966. 6 p. il.
L.C. card Agr 66-249
- 14696 102. California 5-spined ips [with list of references]; by G. R. Struble. Aug. 1966. 4 p. il. [Supersedes Forest pest leaflet 4, California 5-spined engraver beetle.]
- 14697 National/timber sale accomplishments for fiscal year 1965. [1966.] [S] p. 4° (S-1129.) †
L.C. card 65-62582 A 13.58: 965
- 14698 Recent publications of Southeastern Forest Experiment Station, Jan.-June 1966. [1966.] 11 p. 4° † Southeastern Forest Experiment Station, P.O. Box 2570, Asheville, N.C. 28802 A 13.63/13: 966
- Research note INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.)
- 14699 INT-45. Controlling soil movement from steep road fills; [by] Nedavla Bethlahmy and W. Joe Kidd, jr. 1966. 4 p. il. 4° † A 13.79: INT-45
- Research note NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.79: NC-(nos.)
- 14700 NC-1. Silvicultural evaluation of 4 methods of marking 2d-growth northern hardwood stands [with list of literature cited; by Rodney D. Jacobs]. [July 1966.] [4] p. 4° [Issued with perforations.]
- 14701 NC-2. Pulpwood chip production and markets in Lake States; [by Eugene W. Fobes]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14702 NC-3. Lake States pulpwood production hampered by adverse weather and labor shortage, 1965; [by Arthur G. Horn]. [July 1966.] [2] p. 4° [Issued with perforations.]
- 14703 NC-4. Minnesota's aspen and its projected supply; [by Richard W. Groff]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14704 NC-5. Performance of 7 seed sources of spruce in central North Dakota; [by David H. Dawson and Paul O. Rudolf]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14705 NC-6. Growth response of seedling yellow birch to humus-mineral soil mixtures; [by Carl H. Tubbs and Robert R. Oberg]. [July 1966.] [2] p. il. 4° [Issued with perforations.]
- 14706 NC-7. Forest-product imports and exports via Great Lakes-St. Lawrence Seaway through upper lakes ports; [by Eugene M. Carpenter]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- 14707 NC-8. Firebreak maintenance with soil sterilants; [by James K. Brown]. [July 1966.] [4] p. il. 4° [Issued with perforations.]
- Research note SE-(series). Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79: SE-(nos.)
- 14708 SE-56. Southern yellow pine log overruns; [by Richard C. Rodenbach]. June 1966. [2] p. 4°
- 14709 SE-57. Obtaining individual eggs from egg-mass-depositing insect; [by A. T. Drooz]. June 1966. [2] p. il. 4°
- 14710 SE-58. Technique for rapid collection of balsam woolly aphid eggs [with list of literature cited; by Thomas R. Gentry and Emmett T. Wilson, jr.]. June 1966. [2] p. 4°
- 14711 SE-59. Soil sampling small wetland forest plots in Coastal Plain; [Cortland E. Young, jr.]. June 1966. [2] p. 4°

•For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 43

GOVERNMENT PUBLICATIONS

Research paper INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.78: INT-(nos.)

- 14712 INT-23. Timber management issues on Utah's north slope; [by] S. Blair Hutchison [and others]. 1965. iii+23+[1] p. il. 4° [Text on p. 2 of cover.]
- 14713 INT-26. Prescribed fire planning in Intermountain West; [by] William R. Beaufait. 1966. ii+[1]+27 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]

Research paper NC-(series). (North Central Forest Experiment Station.) † A 13.78: NC-(nos.)

- 14714 NC-4. Effect of initial moisture content on performance of hardwood pallets [with list of literature cited; by] Daniel E. Dunmire. June 1966. cover title, 12 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]
- 14715 NC-5. Forest genetics and related research at Lake States Forest Experiment Station, annotated bibliography 1924-65; compiled by Paul O. Rudolf. June 1966. cover title, 35 p. 4° [Text on p. 2 of cover. Abstract cards inserted.]
- 14716 NC-6. Joint proceedings, 2d Genetics Workshop of Society of American Foresters and 7th Lake States Forest Tree Improvement Conference, Oct. 21-23, 1965 [with lists of literature cited; edited by L. P. Olsen]. July 1966. cover title, ii+110+[1] p. il. 4° [Text on p. 2 of cover.]

Resource bulletin CS-(series). (Central States Forest Experiment Station, Columbus, Ohio.) † A 13.80: CS-(nos.)

- 14717 CS-6. Kentucky forests, Pennyroyal Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+46 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62561
- 14718 CS-7. Kentucky forests, Blue Grass Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+33 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62562
- 14719 CS-8. Kentucky forests, Western Unit; [by] David A. Gansner, Paul S. DeBald. Mar. 1966. [2]+34 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62563
- 14720 CS-9. Kentucky forests, Western Coalfield Unit; [by] Paul S. DeBald, David A. Gansner. Mar. 1966. [2]+45 p. il. 4° [Prepared in cooperation with Division of Forestry, Kentucky Department of Natural Resources. Text on p. 2-3 of cover.] L.C. card 66-62560

GENERAL ACCOUNTING OFFICE

Washington, D.C. 20548

- 14721 Report to Congress of United States: Audit of Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States. Aug. 1966. cover title, [2] leaves +16 p. 4° † Paper, \$1.00. L.C. card 66-62556 GA 1.13: F 31/7/965
- 14722 — Examination of financial statements of Federal home loan banks supervised by Federal Home Loan Bank Board for year ended Dec. 31, 1965; by Comptroller General of United States. Aug. 1966. cover title, [5] leaves +13 p. 4° † Paper, \$1.00. L.C. card 66-62274 GA 1.13: F 31/18
- 14723 — Examination of financial statements of Government Printing Office, fiscal year 1965; by Comptroller General of United States. Aug. 1966. cover title, [12]+12 p. 4° † Paper, \$1.00. L.C. card 66-60575 GA 1.13: G 74/965
- 14724 — Examination of financial statements of Saint Lawrence Seaway Development Corporation, calendar year 1965, Department of Commerce; by Comptroller General of United States. Aug. 1966. cover title, [5]+11 p. 4° † Paper, \$1.00. L.C. card 66-62556 GA 1.13: Sa 2/4/965

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14725 — Management of selected time compliance technical orders requiring modifications to engines for F-100 aircraft, Department of Air Force; by Comptroller General of United States. Aug. 1966. [5]+33 leaves, 4° † Paper, \$1.00.
L.C. card 66-62264 GA 1.13: En 3/11
- 14726 — Need for interservice action when management policies and practices differ for similar supply items, Department of Defense; by Comptroller General of United States. Aug. 1966. cover title, [3] leaves+21 p. 4° † Paper, \$1.00.
L.C. card 66-62265 GA 1.13: Su 7/19
- 14727 — Need to establish fees for furnishing abstracts of medical records and related services to private parties, Public Health Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+19 p. 4° † Paper, \$1.00.
L.C. card 66-62266 GA 1.13: M 46/9
- 14728 — Possible dollar savings through expanded use of foreign currencies to transport personal effects abroad, Department of State and other Government agencies; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+24 p. 4° † Paper, \$1.00.
L.C. card 66-62267 GA 1.13: C 93/4
- 14729 — Possible savings by discontinuing purchase of public liability insurance covering acquired property, Federal Housing Administration, Department of Housing and Urban Development; by Comptroller General of United States. Aug. 1966. cover title, [3] leaves+17 p. 4° † Paper, \$1.00.
L.C. card 66-62268 GA 1.13: L 61
- 14730 — Potential reductions in cost of automotive travel by Federal employees where use of Government-owned vehicles is feasible; by Comptroller General of United States. Aug. 1966. [4]+32 leaves, 4° † Paper, \$1.00.
L.C. card 66-62269 GA 1.13: Au 8/29
- 14731 — Potential savings through improved utilization of space available on administrative military aircraft, Department of Air Force; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+22 p. 4° † Paper, \$1.00.
L.C. card 66-62353 GA 1.13: Ai 7/78
- 14732 — Potential savings through improvement in management of materials handling equipment and commercial-design trucks, Marine Corps, Department of Navy; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+30 p. 4° † Paper, \$1.00.
L.C. card 66-62470 GA 1.13: M 41/6
- 14733 — Review of change orders and other matters relating to construction of District of Columbia stadium, District of Columbia Armory Board; by Comptroller General of United States. Aug. 1966. cover title, [6]+94 leaves, 4° † Paper, \$1.00.
L.C. card 66-62322 GA 1.13: D 63/12
- 14734 — Review of charges for diversion of overseas household goods shipments at points in continental United States, Department of Defense; by Comptroller General of United States. Aug. 1966. [5]+32 leaves, 4° † Paper, \$1.00.
L.C. card 66-62299 GA 1.13: H 81/35
- 14735 — Review of charges for Government-owned quarters at Mount Edgecumbe, Alaska, Public Health Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Aug. 1966. [5]+29 leaves, 4° † Paper, \$1.00.
L.C. card 66-62300 GA 1.13: Al 1s/5

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 45

GOVERNMENT PUBLICATIONS

- 14736 Report to Congress of United States: Review of maintenance of combat vehicles, Department of Army; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+37 p. il. 4° † Paper, \$1.00.
L.C. card 66-62471 GA 1.13: C 73/21
- 14737 — Review of precautions taken to protect commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, Department of Agriculture; by Comptroller General of United States. Aug. 1966. [6]+58 leaves, 4° † Paper, \$1.00.
L.C. card 66-62270 GA 1.13: C 93/5
- 14738 — Review of program for replacement and procurement of motor vehicles, Post Office Department; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+20 p. 4° † Paper, \$1.00.
L.C. card 66-62301 GA 1.13: M 85/7
- 14739 — Savings available by using more economical fuels for heating at certain field stations, Veterans Administration; by Comptroller General of United States. Aug. 1966. cover title, [4] leaves+17 p. 4° † Paper, \$1.00.
L.C. card 66-62272 GA 1.13: F 95/3

GENERAL SERVICES ADMINISTRATION Washington, D.C. 20465

- 14740 Economic order quantity, principle and applications, GSA handbook. May 1966. [90] p. il. 4° (FMPR 101-27.1; FSN 7610-543-6765.) * Paper, 50c. ● Item 559-B GS 1.6/6: Ec 7
- 14741 Federal Fire Council films and slides. Aug. 1966. 3 p. 4° (Federal Fire Council. † GS 1.14/5: F 48
- 14742 Fire safety in, on and around construction projects, including take-over period, by Edgar H. Bolles, Assistant Staff Director, Federal Fire Council.) [Talk presented at National Capital Chapter of American Society of Safety Engineers, May 4, 1965.] † GS 1.14/10: B 63

GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, D.C. 20240

- Gazetteers. ● Item 617 I 33.8: (nos.)
- 14743 97. Thailand, official standard names gazetteer approved by Board on Geographic Names; prepared in Office of Geography. Apr. 1966. [2]+vi+675 p. il. oblong 8° † Limited distribution, Office of Geography, Interior Dept.
L.C. card 66-62306
- 14744 101. Sierra Leone, official standard names approved by Board on Geographic Names; prepared in Office of Geography. June 1966. [2]+ii+125 p. il. oblong 8° † Limited distribution, Office of Geography, Interior Dept.
L.C. card 66-62469

GEOLOGICAL SURVEY, Interior Dept. Washington, D.C. 20240

- 14745 Annual peak discharge at selected gaging stations in Pacific Northwest, 1965-66. Sept. 8, 1966. 2 leaves, oblong 8° (Water Resources Division.) [Provisional, subject to revision. Issued with perforations.] † I 19.45/3: 965-66
- Bulletins. ● Item 620 I 19.3: (nos.)
- 14746 1202-C. Geology and coal resources of Beluga-Yentna region, Alaska [with list of references cited]; by Farrell F. Barnes. 1966. iv+54+[3] p. il. 7 pl. in pocket. [Reconnaissance evaluation of coal resources of northwestern part of Cook Inlet Tertiary basin. Contributions to economic geology. Three plates are colored. Includes title page and contents to Bulletin 1202.] * Paper, \$2.50.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 14747 1230-F. Mineral resources of Sycamore Canyon primitive area, Ariz. [with list of literature cited]; by Lyman C. Huff, Elmer Santos, and R. G. Raabe. 1966. v+19 p. il. 1 pl. in pocket. [Evaluation of mineral potential of area. Studies related to wilderness.] * Paper, 50c.
- 14748 1232. Bibliography of North American geology, 1962; [by James W. Clarke and others]. 1966. v+834 p. * Paper, \$2.50.
L.C. card GS 24-38

Circulars. †

I 19.4/2: (nos.)

- 14749 529-A. Water quality of Potomac River estuary at Washington, D.C. [with list of references]; by W. H. Durum and W. B. Langbein. 1966. iii+9 p. il. 4°
- 14750 533. Regional trends in water-well drilling in United States [with list of references cited]; by Gerald Meyer and G. G. Wyrick. 1966. iii+8 p. il. 4° ● Item 620-A
L.C. card GS 66-304
- 14751 534. Gold geochemical anomaly in Cortez district, Nev.; by R. L. Erickson [and others]. 1966. [2]+2+[7] p. il. 4°
L.C. card GS 66-303

Professional paper. ● Item 624.

- 14572 523-E. Tinsleya, new genus of seed-bearing callipterid plants from Permian of north-central Texas [with list of references cited]; by Sergius H. Mamay. 1966. iii+15+[5] p. il. 3 pl. 4° [Tinsleya texana, first known example of seed-bearing foliage in family Callipterideae, is described, biotic relationships and evolutionary implications are discussed. Contributions to paleontology. Includes title page and contents to Professional paper 523-E.] * Paper, 30c. I 19.16: 523-E
- 14753 Water in Flatland, remarks of Raymond L. Nace, Geological Survey, Department of Interior, before International Water Quality Symposium, Montreal, Canada, Aug. 25, 1966. 1966. 19 p. 4° † I 19.50: N 11/2

Water-supply papers. ● Item 625.

I 19.13: (nos.)

- 14754 1798-B. Fluvial sediment on Little Arkansas River basin, Kans. [with list of selected references]; by C. D. Albert and G. J. Stramel. 1966. v+30 p. il. 2 pl. in pocket. [Prepared in cooperation with city of Wichita and Kansas Water Resources Board. Sedimentation in small drainage basins.] * Paper, 60c.
- 14755 1823. Sedimentation and chemical quality of surface water in Heart River drainage basin, N. Dak. [with list of literature cited] by M. L. Maderak. 1966. v+42 p. il. 1 pl. in pocket [Prepared as part of program of Department of Interior for development of Missouri River basin.] * Paper, 55c.
L.C. card GS 66-242
- 14756 1949. Quality of surface waters of United States, 1963: pts. 5 and 6, Hudson Bay and upper Mississippi River basins, and Missouri River basin [with list of literature cited; prepared by personnel of Water Resources Division]. 1966. x+411 p. il. [Prepared in cooperation with Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, South Dakota, Wisconsin, and Wyoming and with other agencies.] * Paper, \$1.50.
L.C. card GS 43-68

HEALTH, EDUCATION, AND WELFARE DEPARTMENT

Washington, D.C. 20201

- 14757 Community health planning grants for heart disease, cancer, and stroke: [by George E. Goodman, Coy D. Gainey, and Joe Bales Gaber]. [1966.] cover title, 12 p. il. 4° (Office of Assistant Secretary for Program Coordination.) [Preprint from Health, education, and welfare indicators, Sept. 1966.] * Paper, 15c. FS 1.20/a: H 351
- 14758 Grants-in-aid and other financial assistance programs administered by Department of Health, Education, and Welfare. 1966 edition. [1966.] xxiv+527 p. 2 tab. 4° (Office of Program Analysis.) [Supplement to Handbook on Programs of Department of Health, Education, and Welfare.] * Paper, \$3.50. ● Item 445-A
L.C. card HEW 61-56 FS 1.6/6: 966
- 14759 Job development and training for workers in health services; [by Charles W. Phillips, Harvey I. Scudder, and Lucy M. Kramer]. [1966.] cover title, 12 p. il. 4° (Office of Assistant Secretary for Program Coordination.) [Reprint from Health, education, and welfare indicators, Aug. 1966.] * Paper, 15c. FS 1.20/a: J 575

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 47

- 14759A Training health service workers, critical challenge, proceedings of Conference on Job Development and Training for Workers Health Services, sponsored by Department of Labor and Department of Health, Education, and Welfare, Washington, D.C. Feb. 14-17, 1966 [with list of selected reference material; prepared by Lucy M. Kramer, assisted by Marguerite Waxler and Nancy Lindsay]. [1966.] v+102 p. il. 4° [Issued from Office of Assistant Secretary for Education, Health, Education, and Welfare Dept., and Manpower Administration, Labor Dept. Text on p. 2 of cover. Errata sheet, 1 p. large 8°, issued also.] * Paper, 60c. ● Item 445
L.C. card 66-62438

FS 1.2: H 34/9 & errata

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, D.C. 20410

- 14760 Demonstration cities program, why it is needed, what it is, how it could work in a city of 1,000,000; 100,000; 10,000. [1966.] [1]+15 p. 4° †
● Item 582
L.C. card 66-62553 HH 1.2: D 39
- 14761 Urban planning assistance program, project directory, sec. 701, title 7, Housing act of 1954, as amended. Dec. 31, 1965. cover title, 123 p. 4° [Table of contents on p. 2 of cover.] †
L.C. card 62-64888 HH 1.26: 965

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, D.C. 20536

- 14762 Supplemental index 2 to v. 10 of Administrative decisions under immigration and nationality laws of United States [for Interim decisions nos. 1418-1590]. July 1, 1966. [1]+8 p. * Paper, 10c. J 21.11/3: 10/ind. 2

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, D.C. 20240

- 14763 Indians of the Dakotas. [1966.] cover title, 20 p. il. oblong 24° [Text on p. 2 and 3 of cover.] * Paper, 15c. ● Item 627-A
L.C. card 66-62392 I 20.51: D 14
- 14764 Indians of Gulf Coast States. [1966.] cover title, 20 p. il. oblong 24° [Text on p. 2-3 of cover.] * Paper, 15c. ● Item 627-A
L.C. card 66-62392 I 20.51: G 95
- 14765 Indians of Montana [&] Wyoming. [1966.] cover title, 20 p. il. oblong 24° * Paper, 15c. ● Item 627-A
L.C. card 66-62392 I 20.51: M 76
- 14766 Indians of New Mexico. [1966.] cover title, 20 p. il. oblong 24° * Paper, 15c. ● Item 627-A
L.C. card 66-62392 I 20.51: N 42m
- 14767 Indians of the Northwest. [1966.] cover title, 16 p. il. oblong 24° [Text on p. 2 of cover.] * Paper, 15c. ● Item 627-A
L.C. card 66-62392 I 20.51: N 819

INTERIOR DEPARTMENT Washington, D.C. 20240

- 14768 Excerpts of remarks by Secretary of Interior Stewart L. Udall during Massachusetts water pollution inspection trip, Sept. 6, 1966. 1966. 12+ [1] leaves, 4° †
I 1.68: Ud 1/39
- 14769 Remarks by J. Cordell Moore, Assistant Secretary, Mineral Resources, Department of Interior, before American Petroleum Institute, Petroleum Statistics Liaison Group, Hershey, Pa., Sept. 8, 1966. [1966.] 6 leaves, 4° †
I 1.68: M 78/7

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

[Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.S8: (nos.)

- 14770 194. Solar distillation utilizing multiple-effect humidification [with list of notes and references]; by Carl N. Hodges [and others]. May 1966. [4]+ix+159 p. il. 4° ([University of Arizona, Tucson, Ariz.; contract no. 14-01-0001-247.]) * Paper, \$1.00 L.C. card 66-61832
- 14771 196. Diffusion of electrolytes, principles and practice of diaphragm diffusion technique [with lists of references]; by George J. Janz and George E. Mayor, Rensselaer Polytechnic Institute, Troy, N.Y. Sept. 1966. [3]+46 p. il. 4° ([Contract 14-01-0001-422.]) * Paper, 35c. L.C. card 66-62529
- 14772 198. Analysis data correlation and optimization of vapor reheat liquid-liquid heat exchange process [final report, with list of references]; by [John C. Orcutt, Forest O. Mixon, and Donald R. Whitaker], Research Triangle Institute, Durham, N.C. Sept. 1966. [6]+vii+61+[19] p. il. 4° ([Contract 14-01-0001-428.]) * Paper, 50c.
- 14773 201. Pilot plant study to provide improved quality feed water for Webster, S. Dak., electrolysis plant; by G. R. Bell, Johns-Manville Products Corporation, Research and Engineering Center, Manville, N.J. Aug. 1966. [5]+26+[4] p. il. 4° ([Contract 14-01-0001-616.]) * Paper, 25c.
- 14774 206. Solute and water transport across biologic membranes [with list of references]; by Neal S. Bricker, Sept. 1966. [2]+28 p. il. 4° * Paper, 25c. L.C. card 66-62528

INTERNAL REVENUE SERVICE, Treasury Dept.
Washington, D.C. 20224

- 14775 Gasoline, lubricating oil, diesel and special motor fuels, farmers gas tax credit. [1966.] 18 p. il. oblong 32° (Publication 308 (rev. 5-66).) † ● Item 961 T 22.19: G 21/966
- 14776 Looseleaf regulations system: Service 1, Income tax, transmittal 84. June 17, 1966. [108] p. 4° ● Item 961 T 22.19/3: 1/trans. 84
- NOTE.—Service 1 consists of pts. 1, 2, 19, and 152 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$16.00 (including basic material and supplements issued irregularly for approximately 3 years); \$4.00 additional for foreign mailing.
- 14777 — Service 3, Employment tax, transmittal 16. June 3, 1966. [8] p. 4° ● Item 961 T 22.19/3: 3/trans. 16
- NOTE.—Service 3 consists of pts. 31 and 36 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$2.75 (including basic material and supplements issued irregularly for approximately 3 years); 75c. additional for foreign mailing.
- 14778 National firearms act and Federal firearms act. [Revised Apr. 1966.] [1966.] [2]+13 p. narrow 12° (Publication 364.) † ● Item 961-A T 22.32: F 51/966
- 14779 Pension trust procedures and guides for qualification under sec. 401(a) and 405(a) of Internal revenue code of 1954. [1966.] cover title, iii+92 p. (Publication 377 (rev. 3-66).) * Paper, 35c. ● Item 961 T 22.19: P 38/2/966

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.
Washington, D.C. 20230

- 14780 Dynamics of exporting, address by E. E. Schnellbacker, Assistant Director, Bureau of International Commerce, prepared for delivery to Milwaukee Trade Club, Milwaukee, Wis., Sept. 1, 1966. [1966.] 14 p. 4° † C 42.18: Sch 5/16
- 14781 Report from Volunteer unit, executives march ahead, Ghana request shows progress being made by international corps from U.S. business; by Terrance Lindemann. [1966.] [2] p. il. 4° [Reprinted from International commerce, Aug. 1, 1966.] † C 42.8/a: Ex 31
- 14782 Semiannual checklist, Bureau of International Commerce, international business publications. July 1966. 28 p. il. 4° † ● Item 321-D C 42.15: C 41/966
- 14783 U.S. trade centers, Frankfurt, London, Milan, Stockholm, Bangkok, Tokyo. [Aug. 1966.] 6 p. il. 4° † ● Item 231-A C 42.2: T 67/13

GOVERNMENT PUBLICATIONS

INTERSTATE COMMERCE COMMISSION

Washington, D.C. 20423

- 14784 Rail carload unit costs by territories for year 1964. July 1966. cover title, [2]+iii+68 p. 4° (Statement 6-66; Bureau of Accounts.) [This study issued as information, has not been adopted by Interstate Commerce Commission. Map on cover.] * Paper, 45c. ● Item 682-C
L.C. card A49-1585 IC 1 acco.7: 964

Railroad accident investigation report.

- 14785 4074. Atlantic Coast Line Railroad Company, S. J. Buchanan, Inc., Branford, Fla., Feb. 28, 1966. [1966.] [3]+8+[2] p. il. (Motor carrier investigation report, 114.) †
IC 1 acci.5: 4074

JOINT CHIEFS OF STAFF, Defense Dept.

Washington, D.C. 20301

- 14786 National security management review, highlighting salient developments and problems, Jan. 1965-May 1966 [with list of references]; by Charles H. Donnelly. 1966. viii+200 p. (Industrial College of Armed Forces.) † ● Item 315-A
L.C. card 66-62436 D 5.13: N 21s/2/965-66
- 14787 National Security Seminar, presentation outlines and reading list, 1966-67 [Gray team]. July 1966. xvi+571 p. il. 4° (Industrial College of Armed Forces.) [Some pages are left blank to be used for notes.] †
● Item 315-A D 5.9/2: 966-67

JOINT PUBLICATIONS RESEARCH SERVICE

Washington, D.C. 20443

NOTE.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately.

- 14788-1 Communist China digest, no. 173; JPRS 37161.
14788-2 Communist Chinese scientific abstracts: Agricultural science and technology, nos. 25-29; JPRS 37080, 37297, 37343, 37469, 37496.
14788-3 Communist Chinese scientific abstracts: Bio-medical sciences, nos. 128-139; JPRS 37052, 37064, 37090, 37112, 37202, 37232, 37255, 37340, 37392, 37452, 37453, 37545.
14788-4 Communist Chinese scientific abstracts: Chemistry nos. 29-31; JPRS 37203, 37470, 37503.
14788-5 Communist Chinese scientific abstracts: Earth sciences, nos. 61-64; JPRS 37053, 37069, 37142, 37473.
14788-6 Communist Chinese scientific abstracts: Electronics and electrical engineering, no. 32; JPRS 37054.
14788-7 Communist Chinese scientific abstracts: Engineering and equipment, nos. 42-44; JPRS 37055, 37271, 37341.
14788-8 Communist Chinese scientific abstracts: Materials science and metallurgy, no. 3; JPRS 37481.
14788-9 Communist Chinese scientific abstracts: Physics and mathematics, nos. 46-48; JPRS 37296, 37342, 37451.
14788-10 Cybernetics, USSR, no. 2, 1966; JPRS 37235.
14788-11 East European scientific abstracts: Bio-medical science, nos. 47-48; JPRS 37178, 37429.
14788-12 East European scientific abstracts: Cybernetics, computers, and automation technology, no. 16; JPRS 37062.
14788-13 Economic and geographic translations on Latin America, nos. 43-47; JPRS 37098, 37144, 37262, 37396, 37508.
14788-14 Genetics, USSR, nos. 5-6, 1966; JPRS 37174, 37248.
14788-15 Herald of communications, no. 5, 1966; JPRS 37476.
14788-16 Index of La Stampa and La Stampa sera, nos. 325-329; JPRS 37160, 37168, 37198, 37477, 37478.
14788-17 Index of Le Monde, no. 75; JPRS 37212.
14788-18 Military information on Eastern Europe, nos. 140-141; JPRS 37021, 37237.
14788-19 Political translations on Eastern Europe, nos. 222-228; JPRS 37022, 37066, 37205, 37286, 37316, 37421, 37461.
14788-20 Press information report on Albania, nos. 180-183; JPRS 37048, 37206, 37310, 37533.
14788-21 Press information report on Iran, nos. 6-7; JPRS 37079, 37446.
14788-22 Sociological translations on Eastern Europe, nos. 364-371; JPRS 37025, 37121, 37207, 37251, 37317, 37332, 37424, 37540.
14788-23 Soviet military translations nos. 305-322; JPRS 37060, 37154, 37157, 37172, 37175, 37185, 37201, 37239, 37299, 37304, 37320, 37345, 37389, 37444, 37459, 37475, 37541, 37562.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14788-24 Soviet press materials on arms control and disarmament, no. 5; JPRS 37391.
 14788-25 Summary of Bulgarian provincial press, nos. 257-261; JPRS 37241, 37333, 37398, 37427, 37435.
 14788-26 Summary of Czechoslovak provincial press, nos. 366-370; JPRS 37049, 37124, 37337, 37412, 37413.
 14788-27 Summary of Hungarian provincial press, nos. 414-418; JPRS 37026, 37208, 37253, 37448, 37449.
 14788-28 Summary of Polish provincial press, nos. 458-461; JPRS 37063, 37195, 37366, 37505.
 14788-29 Summary of Rumanian provincial press, nos. 353-356; JPRS 37005, 37211, 37334, 37495.
 14788-30 Translations from Hung-ch'i (Red flag), no. 34; JPRS 37526.
 14788-31 Translations from Kommunist, nos. 9-10, 1966; JPRS 37106, 37370.
 14788-32 Translations of Pravda editorials, USSR, nos. 663-681; JPRS 37012, 37059, 37084, 37110, 37135, 37170, 37200, 37214, 37250, 37268, 37314, 37359, 37371, 37399, 37422, 37455, 37482, 37500, 37550.
 14788-33 Translations on Africa, nos. 416-430; JPRS 37078, 37093, 37149, 37159, 37194, 37204, 37234, 37273, 37290, 37338, 37367, 37387, 37434, 37488, 37529.
 14788-34 Translations on Communist China: Economic, nos. 8-11; JPRS 37043, 37246, 37432, 37454.
 14788-35 Translations on Communist China: Political and sociological, nos. 366-369; JPRS 37099, 37400, 37497, 37514.
 14788-36 Translations on Communist China: Science and technology, nos. 334-343; JPRS 36997, 37083, 37092, 37134, 37233, 37256, 37272, 37401, 37433, 37468.
 14788-37 Translations on Cuba, nos. 465-481; JPRS 37047, 37051, 37056, 37065, 37095, 37143, 37169, 37213, 37242, 37339, 37349, 37368, 37381, 37442, 37462, 37498, 37510.
 14788-38 Translations on East European agriculture, forestry, and food industries, nos. 466-473; JPRS 37006, 37067, 37145, 37192, 37252, 37287, 37419, 37506.
 14788-39 Translations on East European foreign trade, nos. 289-292; JPRS 37146, 37238, 37311, 37531.
 14788-40 Translations on East European heavy industry, nos. 284-288; JPRS 37147, 37244, 37306, 37463, 37511.
 14788-41 Translations on East European materials industries, nos. 302-309; JPRS 37000, 37068, 37148, 37245, 37288, 37425, 37490, 37530.
 14788-42 Translations on East European service industries, nos. 462-467; JPRS 37027, 37122, 37179, 37318, 37437, 37507.
 14788-43 Translations on economic organization and management in Eastern Europe, nos. 595-603; JPRS 37007, 37109, 37123, 37254, 37289, 37319, 37441, 37447, 37532.
 14788-44 Translations on international Communist developments, nos. 869-880; JPRS 37004, 37008, 37070, 37094, 37097, 37126, 37199, 37303, 37439, 37474, 37513, 37546.
 14788-45 Translations on Mongolia, nos. 114-115; JPRS 37081, 37312.
 14788-46 Translations on Near East, nos. 14-25; JPRS 37003, 37010, 37046, 37050, 37100, 37197, 37247, 37344, 37348, 37410, 37440, 37471.
 14788-47 Translations on North Korea, nos. 3-10; JPRS 37001, 37044, 37091, 37216, 37267, 37411, 37418, 37563.
 14788-48 Translations on North Vietnam, nos. 17-27; JPRS 37002, 37045, 37082, 37125, 37158, 37167, 37193, 37249, 37409, 37512, 37539.
 14788-49 Translations on south and east Asia, nos. 125-129; JPRS 36996, 37113, 37196, 37423, 37509.
 14788-50 Translations on Soviet education, nos. 35-43; JPRS 37019, 37024, 37184, 37189, 37303, 37336, 37347, 37378, 37538.
 14788-51 Translations on USSR agriculture, nos. 144-153; JPRS 37107, 37186, 37191, 37264, 37322, 37377, 37460, 37502, 37542, 37547.
 14788-52 Translations on USSR communications, nos. 71-72; JPRS 37325, 37395.
 14788-53 Translations on USSR consumer goods and domestic trade, nos. 128-136; JPRS 36998, 37138, 37173, 37188, 37223, 37383, 37445, 37450, 37535.
 14788-54 Translations on USSR labor, nos. 121-129; JPRS 37013, 37180, 37190, 37263, 37300, 37321, 37346, 37489, 37543.
 14788-55 Translations on USSR transportation, nos. 130-137; JPRS 37014, 37119, 37137, 37155, 37187, 37240, 37335, 37426.
 14788-56 USSR economy and industry: Current developments, nos. 8-11; JPRS 37136, 37215, 37420, 37561.
 14788-57 USSR economy and industry: General information, nos. 16-26; JPRS 37011, 37140, 37171, 37243, 37365, 37382, 37388, 37443, 37458, 37534, 37544.
 14788-58 USSR industrial development: Automotive and tractor industry, nos. 7-15; JPRS 37015, 37156, 37181, 37269, 37301, 37384, 37457, 37491, 37504.
 14788-59 USSR industrial development: Chemical industry and machinery, nos. 5-10; JPRS 36999, 37176, 37265, 37324, 37492, 37537.
 14788-60 USSR industrial development: Construction, construction machinery, and building materials, nos. 9-16; JPRS 37120, 37182, 37230, 37266, 37315, 37326, 37385, 37456.
 14788-61 USSR industrial development: Electric power, power machinery, and electrical equipment, nos. 7-12; JPRS 37016, 37141, 37231, 37285, 37438, 37501.
 14788-62 USSR industrial development: Electronics and precision equipment, nos. 5-8; JPRS 37017, 37209, 37327, 37393.
 14788-63 USSR industrial development: Metallurgy and minerals, nos. 8-15; JPRS 37139, 37183, 37210, 37302, 37328, 37386, 37402, 37536.
 14788-64 USSR industrial development: Metalworking equipment, nos. 200-201; JPRS 37270, 37472.
 14788-65 USSR international economic relations, nos. 64-68; JPRS 37018, 37329, 37394, 37548, 37549.

◆For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 51

GOVERNMENT PUBLICATIONS

- 14788-66 USSR scientific abstracts: Chemistry, nos. 32-33; JPRS 37023, 37177.
 14788-67 USSR scientific abstracts: Cybernetics, computers, and automation technology, no. 23; JPRS 37380.
 14788-68 USSR scientific abstracts: Electronics and electrical engineering, nos. 44-45; JPRS 37061, 37479.
 14788-69 USSR scientific abstracts: Materials science and metallurgy, nos. 6-9; JPRS 37111, 37415, 37428, 37480.
 14788-70 USSR scientific abstracts: Physics and mathematics, no. 74; JPRS 37330.

JPRS (series).

Y 3.J66: 13/(nos.)

- 14789 32787. New physical and chemical methods of precision machining, USSR; by A. L. Livshits, Nov. 9, 1965, cancellation. Aug. 2, 1966. [2] p. 4° Φ
 14790 35311. Errata, Synthesis of nonlinear control laws, USSR; by R. A. Nelepin. June 30, 1966. [2] p. 4°

NOTE.—Errata cancels JPRS 35311 and states that it has been reissued as JPRS 35827.

- 14791 37009. Interview on programmed instruction with Academician A. I. Berg, Chairman of Interdepartmental Scientific Council on Programmed Instruction, USSR. Aug. 15, 1966. [2] p.+3 leaves, 4° [From Sovetskaya kirgiziya, July 26, 1966.] Φ Paper, \$1.00 (TT: 66-33439).
 14792 37020. Vestnik of USSR Academy of Sciences, v. 36, no. 3, 1966. Aug. 16, 1966. [2]+a-c+343 p. 4° Φ Paper, \$7.00 (TT: 66-33450).
 14793 37028. Scientific activity of practicing physicians in medical higher educational institutes, USSR; by B. M. Cheknev, et al. Aug. 16, 1966. [2] p.+4 leaves, 4° [From Zdravookhraneniye Rossiyskoy Federatsii, v. 10, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33458).
 14794 37029. Study of ionospheric layers in infrared spectral region, USSR [with bibliography]; by M. N. Markov, et al. Aug. 16, 1966. [2]+6 p. il. 4° [From Doklady Akademii Nauk SSSR, seriya fizika, matematika, v. 167, nos. 4-6, 1966.] Φ Paper, \$1.00 (TT: 66-33459).
 14795 37030. Numerical model for short-range forecasting of stratiform cloud cover, USSR [with bibliography]; by Yu. G. Lushev, et al. Aug. 16, 1966. [2]+7 p. 4° [From Doklady Akademii Nauk SSSR, seriya fizika, matematika, v. 167 nos. 4-6, 1966.] Φ Paper, \$1.00 (TT: 66-33460).
 14796 37031. Lunar-solar semi-monthly and monthly tides in seas of Soviet Arctic [with bibliography]; by V. N. Vorob'yev, Aug. 16, 1966. [2] p.+5 leaves 4° [From Doklady AN SSSR, seriya fizika, matematika, v. 167, nos. 4-6, 1966.] Φ Paper, \$1.00 (TT: 66-33461).
 14797 37032. Is it possible to influence climate and weather? USSR; by A. M. Chesv. Aug. 16, 1966. [2]+57 p. il. 4° [From Klimat i pogoda, Moscow, 1966.] Φ Paper, \$3.00 (TT: 66-33462).
 14798 37033. Light measurements in study of primary production in sea, USSR [with bibliography]; by O. I. Koblents-Mishke, et al. Aug. 16, 1966. [2]+11 p. 4° [From Okeanologiya, v. 6, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33463).
 14799 37034. CHLORIS container for lowering liquid dye to any sea depths, USSR; by O. L. Stelmakh. Aug. 16, 1966. [2] p.+4 leaves, il. 4° [From Okeanologiya, v. 4, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33464).
 14800 37035. Current measurements with EMIT in Gulf Stream region, USSR [with bibliography]; by O. P. Gorodnichenko. Aug. 16, 1966. [2]+13 p. il. 4° [From Okeanologiya, v. 6, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33465).
 14801 37036. Religious beliefs of Kurdish people of USSR; by T. F. Aristova, et al. Aug. 16, 1966. [2]+10 p. 4° [From Kurdy Zakavkaz'ya, Moscow, 1966.] Φ Paper, \$1.00 (TT: 66-33466).
 14802 37037. Application of aesthetics and cybernetics in industry, USSR [articles]. Aug. 16, 1966. [2]+a+9 p. 4° [From Pravda, July 21, 1966 and Sovetskaya Latvija June 19, 1966.] Φ Paper, \$1.00 (TT: 66-33467).
 14803 37038. Coordinating conference on study of earth's crust and upper mantle in eastern regions of USSR (Khabarovsk, Oct. 15-17, 1964); by Ye. A. Radkevich, et al. Aug. 16, 1966. [2] p.+3 leaves, 4° [From Geologiya i geofizika, no. 2, 1965.] Φ Paper, \$1.00 (TT: 66-33468).
 14804 37039. Experience in using industrial explosions for crustal studies in transition zone from Siberian platform to Taymyr downwarp, USSR [with bibliography]; by I. K. Tuzov. Aug. 16, 1966. [2]+12 p. il. 4° [From Geologiya i geofizika, no. 2, 1965.] Φ Paper, \$1.00 (TT: 66-33469).
 14805 37040. Nature of gravity anomalies of southwestern Sakhalin, USSR [with bibliography]; by P. M. Sychev. Aug. 16, 1966. [2]+10 p. il. 4° [From Geologiya i geofizika, no. 2, 1965.] Φ Paper, \$1.00 (TT: 66-33470).
 14806 37041. Structure of southeastern margin of Caspian depression, USSR [with bibliography]; by N. Ya. Kunin, et al. Aug. 16, 1966. [2]+9 p. il. 4° [From Geotektonika, no. 6, Nov.-Dec. 1965.] Φ Paper, \$1.00 (TT: 66-33471).
 14807 37042. Secrets of earth's interior, USSR; by V. V. Belousov. Aug. 16, 1966. [2]+19 p. il. 4° [From Priroda, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-33472).
 14808 37057. Political geography, China; by Chang Ch'i-ynn. Aug. 16, 1966. [2]+a-b+\$5 p. il. 4° Φ Paper, \$3.00 (TT: 66-33487).
 14809 37071. Nikolay Vasil'yevich Kononov, obituary, USSR. Aug. 17, 1966. [2] p.+3 leaves, 4° [From Voprosy neyrokhirurgii, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33500).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14810 37072. Cybernetics and automation, USSR [articles with bibliographies]. Aug. 17, 1966. [2]+a-d+259 p. il. 4° [From Sistema chelovek i avtomat, Moscow, 1965.] Φ Paper, \$6.00 (TT: 66-33501).
- 14811 37073. Studies in comparison of levels of economic development of Socialist countries, USSR [excerpts]. Aug. 17, 1966. [2]+a+S3 p. 4° Φ Paper, \$3.00 (TT: 66-33502).
- 14812 37074. Yugoslav analysis of NATO and Warsaw Pact; by Andro Gabelic. Aug. 17, 1966. [2] p.+4 leaves, 4° [From Narodna armija, no. 1402, June 1966.] Φ Paper, \$1.00 (TT: 66-33503).
- 14813 37075. Spasmodic action of some new oximes, Rumania [with bibliography]; by Gh. Niculescu, et al. Aug. 17, 1966. [2] p.+6 leaves, 4° [From Revista sanitara militara, no. 3, May-June 1966.] Φ Paper, \$1.00 (TT: 66-33504).
- 14814 37076. Studies on properties, treatment and production of titanium alloys, USSR [articles, with bibliographies]. Aug. 17, 1966. [2]+a+24 p. 4° Φ Paper, \$2.00 (TT: 66-33505).
- 14815 37077. Theory of large systems in technical cybernetics, USSR [excerpts, with bibliographies]; by Ya. Z. Tsypkin, et al. Aug. 17, 1966. [2]+a+57 p. il. 4° [From Tekhnicheskaya kibernetika, 1965.] Φ Paper, \$3.00 (TT: 66-33506).
- 14816 37085. 22d all-Union scientific session devoted to radio day, section on telemechanics [with bibliographies]. Aug. 18, 1966. [2]+a-c+153 p. il. 4° Φ Paper, \$5.00 (TT: 66-33514).
- 14817 37086. French journalist probes Soviet science, USSR; by Nicolas Vichney. Aug. 18, 1966. [2]+26 p. 4° [From Le Monde, June 24, 25, 27, 28, and 29, 1966.] Φ Paper, \$2.00 (TT: 66-33515).
- 14818 37087. News of Soviet Scientific organizations. Aug. 18, 1966. [2]+a+10 p. 4° [Errata, dated Aug. 23, 1966, consisting of corrected cover, issued also.] Φ Paper, \$1.00 (TT: 66-33516).
- 14819 37088. Suggestions and proposals to improve USSR railway operations. Aug. 18, 1966. [2]+6 p. 4° [From Avtomatika-telemekhanika-svyaz', no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33517).
- 14820 37089. Marxism-Leninism has developed through struggle against left-wing and right-wing opportunism, North Korea; by Chong Tal-gun. Aug. 18, 1966. [2]+9 p. 4° [From Nodong sinmun, July 13, 1966.] Φ Paper, \$1.00 (TT: 66-33518).
- 14821 37096. Physiological methods in cosmonautics, USSR [with bibliography]; by R. M. Bayevskiy. Aug. 18, 1966. [2]+a-d+309 p. il. 4° Φ Paper, \$7.00 (TT: 66-33525).
- 14822 37101. Immune gamma globulins in treatment and prophylaxis of infectious diseases, USSR [articles]; by I. L. Bogdanov. Aug. 18, 1966. [2]+a+11 p. 4° [Includes Foreword, chapter 1 and table of contents.] Φ Paper, \$1.00 (TT: 66-33530).
- 14823 37102. Influence of electromagnetic fields on central nervous system, USSR [excerpts]; by Yu. A. Kholodov. Aug. 18, 1966. [2]+a-b+22 p. 4° [Includes table of contents.] Φ Paper, \$1.00 (TT: 66-33531).
- 14824 37103. Coordination of motor and vegetative functions in man during muscular activity, USSR [excerpts, with bibliography]; by Yu. I. Dan'kov, et al. Aug. 18, 1966. [2]+a+35 p. 4° Φ Paper, \$2.00 (TT: 66-33532).
- 14825 37104. Problems in experimental surgery and morphology, USSR [articles, with bibliographies]; by G. Ye. Ostroverkhov. Aug. 18, 1966. [2]+a+18 p. 4° Φ Paper, \$1.00 (TT: 66-33533).
- 14826 37105. News of Soviet scientific organizations [articles]. Aug. 18, 1966. [2]+i+25 p. 4° Φ Paper, \$2.00 (TT: 66-33534).
- 14827 37108. Clinical medicine (v. 44, no. 5, 1966). Aug. 18, 1966. [2]+a-d+277 p. il. 4° Φ Paper, \$6.00 (TT: 66-33537).
- 14828 37114. 22d all-Union scientific session devoted to radio day, section on semiconductor devices [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+73 p. il. 4° Φ Paper, \$3.00 (TT: 66-33543).
- 14829 37115. 22d all-Union scientific session devoted to radio day: Section on propagation of radio waves [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+56 p. il. 4° Φ Paper, \$3.00 (TT: 66-33544).
- 14830 37116. 22d all-Union scientific session devoted to radio day: Section on theory and techniques of transmitting discrete signals. Aug. 19, 1966. [2]+a-c+114 p. il. 4° Φ Paper, \$4.00 (TT: 66-33545).
- 14831 37117. 22d all-Union scientific session devoted to radio day: Section on electronics [articles, with bibliographies]. Aug. 19, 1966. [2]+a-b+145 p. il. 4° Φ Paper, \$4.00 (TT: 66-33546).
- 14832 37118. Studies in electrical discharge machining of high-strength metals and alloys, USSR; by M. A. Lyapunov, et al. Aug. 19, 1966. [2]+a+19 p. il. 4° Φ Paper, \$1.00 (TT: 66-33547).
- 14833 37127. Activities of Hungarian observation network for artificial satellites; by Marton Ill. Aug. 19, 1966. [2] p.+12 leaves, 4° [From Magyar tudomany, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-33556).
- 14834 37128. Development of biological research in Hungary; by Bruno F. Straub. Aug. 19, 1966. [2] p.+8 leaves, 4° [From Magyar tudomany, no. 5, June 1966.] Φ Paper, \$1.00 (TT: 66-33557).
- 14835 37129. Activities of corporate bodies of Hungarian Academy of Sciences [articles]. Aug. 19, 1966. [2]+25 p. il. 4° [From Magyar tudomany, no. 5, May 1966.] Φ Paper, \$2.00 (TT: 66-33558).
- 14836 37130. New doctors and candidates for doctorate, Feb. 1966, Hungary. Aug. 19, 1966. [2] p.+4 leaves, 4° [From Magyar tudomany, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-33559).

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 14837 37131. Activities of Maksim Litvinov as Iskra agent, USSR; by Z. Sheynis. Aug. 19, 1966. [2] p.+7 leaves, 4° [From Nauka i zhizn', no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33560).
- 14838 37132. 22d all-Union scientific session devoted to radio day: Section on quantum electronics. Aug. 19, 1966. [2]+a-c+1-24a, 25-95 p. il. 4° Φ Paper, \$3.00 (TT: 66-33561).
- 14839 37133. Soviet view of contemporary Turkey; by M. A. Gasratyan. Aug. 19, 1966. [2]+a+54 p. 4° Φ Paper, \$3.00 (TT: 66-33562).
- 14840 37150. Investigation of transient conditions of electric-power systems by means of computers, USSR [with bibliography]; by A. I. Vinogradova, et al. Aug. 22, 1966. [2]+15 p. il. 4° [From Sudostroyeniye, no. 3, Mar. 1966.] Φ Paper, \$1.00 (TT: 66-33579).
- 14841 37151. Nuclear installation and computerized weather forecasting at Rumanian Atomic Physics Institute [articles]. Aug. 22, 1966. [2] p.+a+6 leaves il. 4° [From Stiinta si tehnica, June 1966.] Φ Paper, \$1.00 (TT: 66-33580).
- 14842 37152. Rumanian National Conference on Normal and Pathological Morphology; by Sorin Stanescu. Aug. 22, 1966. [2] p.+4 leaves, 4° Φ Paper, \$1.00 (TT: 66-33581).
- 14843 37153. Steady-state wind circulation in homogeneous ocean, USSR [with bibliography]; by A. I. Felzenbaum, et al. Aug. 22, 1966. [2] p.+7 leaves, il. 4° Φ Paper, \$1.00 (TT: 66-33582).
- 14844 37162. Antidotes used for intoxication with organophosphorous compounds, Rumania, [with bibliography]; by V. Postanaru, et al. Aug. 22, 1966. [2]+8 p. 4° [From Revista sanitara militara, v. 62, no. 3, May-June 1966.] Φ Paper, \$1.00 (TT: 66-33591).
- 14845 37163. Recent development of biological sciences in Hungary [articles]. Aug. 22, 1966 [2]+a+47 p. 4° [Includes list of books and periodicals published during 1964. From Magyar Tudomanyos Akademia Biologiai Tudomanyok Kozlemenyei, v. 8, no. 2, 1965.] Φ Paper, \$2.00 (TT: 66-33592).
- 14846 37164. Evolutionary role of division into two sexes (cybernetic viewpoint), USSR; by V. Geodakyan. Aug. 22, 1966. [2]+16 p. il. 4° [From Nauka i zhizn', no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33593).
- 14847 37165. Official Soviet regulations governing official and private travel of foreign nationals in USSR. Aug. 22, 1966. [2]+6 p. 4° Φ Paper, \$1.00 (TT: 66-33594).
- 14848 37166. List of officers, members, and national representatives of Bulgarian Central Council of Trade Unions. Aug. 22, 1966. [2]+18 p. 4° [From Trud and Otechestven front, Mar. 1 and May 13, 1966.] Φ Paper, \$1.00 (TT: 66-33595).
- 14849 37217. Dreams during normal sleep and during hypnosis, USSR [with bibliography]; by Ye. Volpert. Aug. 25, 1966. [2]+a-c+321 p. 4° Φ Paper, \$7.00 (TT: 66-33646).
- 14850 37218. Sleep and electric sleep in children, USSR; by L. Ya. Rabcheyev. Aug. 25, 1966. [2]+6 p. 4° [From Peditriya, v. 45, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33647).
- 14851 37219. Experience in operation of MN-7 and EMU-8 computers, USSR; by I. G. Vintzenko, et al. Aug. 25, 1966. [2] p.+5 leaves, 4° [From Voprosy teorii i primeneniya matematicheskogo modelirovaniya, Moscow 1965.] Φ Paper, \$1.00 (TT: 66-33648).
- 14852 37220. Chromatographic separation for radiochemical water analysis in reactor, USSR [with bibliography]; by Yu. P. Saykov. Aug. 25, 1966. [2]+7 p. il. 4° [From Atomnaya energiya, v. 20, no. 2.] Φ Paper, \$1.00 (TT: 66-33649).
- 14853 37221. Cybernetics and control theory, USSR [articles, with bibliographies]. Aug. 25, 1966. [2]+a+10 p. 4° [From Doklady Akademii Nauk SSSR, v. 167, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-3650).
- 14854 37222. Chemistry of beryllides, USSR [with bibliography]; by G. V. Samsonov. Aug. 25, 1966. [2]+a-b+62 p. il. 4° [From Uspekhi khimii, v. 35, no. 5, 1966.] Φ Paper, \$3.00 (TT: 66-33651).
- 14855 37223. Applications of economic-mathematical methods to economy, USSR [articles, with bibliographies]. Aug. 25, 1966. [2]+a+62 p. il. 4° [From Ekonomika i matematicheskiye metody, v. 2, no. 3, May-June 1966.] Φ Paper, \$3.00 (TT: 66-33652).
- 14856 37224. Machine search algorithm for derivation in propositional calculus, USSR; by N. A. Shanin et al. Aug. 25, 1966. [2]+52 p. 4° Φ Paper, \$3.00 (TT: 66-33653).
- 14857 37225. Interview with Lenin prize winner, Viktor Glushkov about cybernetics, USSR; by Ivan Batov. Aug. 25, 1966. [2] p.+5 leaves, 4° [From Ekonomicheskaya gazeta, no. 28, July 1966.] Φ Paper, \$1.00 (TT: 66-33654).
- 14858 37226. Evaluation of science and scientists, Yugoslavia; by M. Mladjenovic. Aug. 25, 1966. [2]+7 p. 4° [From Borba, July 10 and 17, 1966.] Φ Paper, \$1.00 (TT: 66-33656).
- 14859 37227. Recent activities of Hungarian Academy of Sciences [articles], Aug. 25, 1966. [2]+a+27 p. 4° [From Magyar tudomany, v. 11, no. 6, 1966.] Φ Paper, \$2.00 (TT: 66-33656).
- 14860 37228. Scientific conference & events in Socialist countries. Aug. 25, 1966. [2]+6 p. 4° [From Orvosi hetilap, no. 29, July 17, 1966.] Φ Paper, \$1.00 (TT: 66-33657).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14861 37229. Personnel and economic problems at Leningrad Planning Institute, USSR; by B. Gusev. Aug. 25, 1966. [2]+6 p. 4° [From Izvestiya, July 8, 1966.] Φ Paper, \$1.00 (TT: 66-3658).
- 14862 37236. Technical cybernetics, no. 2, 1966, USSR. Aug. 25, 1966. [2]+a-c+315 p. il. 4° Φ Paper, \$7.00 (TT: 66-33665).
- 14863 37257. Superior technical features of Soviet space vehicle Voskhod, USSR; by N. Kamanin. Aug. 26, 1966. [2] p.+5 leaves, 4° [From Krasnaya zvezda, Oct. 27, 1964.] Φ Paper \$1.00 (TT: 66-33686).
- 14864 37258. Criminological distinction of similar handwritings by means of computers, USSR [with bibliography]; by B. N. Kozinets, et al. Aug. 26, 1966. [2]+6 p. 4° [From Doklady akademii Nauk SSSR, v. 167, no. 5, 1966.] Φ Paper, \$1.00 (TT: 66-33687).
- 14865 37259. Coal industry of Mongolia, USSR; by Zh. Dugersuren, et al. Aug. 26, 1966. [2] p.+5 leaves, il. 4° [From Razvedka i okhrana nedr, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33688).
- 14866 37260. Aerial-photographic, topographic-geodetic and cartographic work of Soviet Union in Antarctica; by V. Dubovskoy. Aug. 26, 1966. [2]+13 p. il. 4° [From Geodeziya i kartografiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33689).
- 14867 37261. Decline of Judaism in Moldavia, USSR; by M. Kogan. Aug. 26, 1966. [2]+6 p. 4° [From Sovetskaya Moldaviya, July 7, 1966.] Φ Paper, \$1.00 (TT: 66-33690).
- 14868 37274. International training seminar of WMO on numerical methods of short-range weather forecasting, USSR; by V. V. Bykov. Aug. 29, 1966. [2]+8 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33703).
- 14869 37275. Preparation of results of hydrometeorological observations for processing on electronic computers, USSR; by N. K. Klyukin. Aug. 29, 1966. [2]+7 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33704).
- 14870 37276. Recent Soviet literature on meteorology, USSR [articles, with bibliography]. Aug. 29, 1966. [2]+a+19 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33705).
- 14871 37277. Recent Soviet meteorological news [articles]. Aug. 29, 1966. [2]+a+19 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33706).
- 14872 37278. Hydrometeorology in Republic of Cuba [with bibliography]; by F. F. Davitaya. Aug. 29, 1966. [2]+7 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33707).
- 14873 37279. Some results and prospects of scientific work at Institutes of Hydrometeorological Service (1965-66), USSR; by Ye. K. Fedorov. Aug. 29, 1966. [2]+13 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33708).
- 14874 37280. Present status of numerical weather forecasting methods, USSR; by G. I. Marchuk. Aug. 29, 1966. [2]+13 p. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33709).
- 14875 37281. High-level mesovortex and some of its characteristics, USSR [with bibliography]; by L. S. Minina. Aug. 29, 1966. [2]+14 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33710).
- 14876 37282. Experience in developing synoptic-statistical method for forecasting anomalies of seasonal precipitation, USSR [with bibliography]; by N. A. Aniskina et al. Aug. 29, 1966. [2]+10 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33711).
- 14877 37283. Investigation of statistical structure of wind field in central Asia and in southern Kazakhstan, USSR [with bibliography]; by Z. G. Apsalyamova. Aug. 29, 1966. [2]+8 p. il. 4° [From Meteorologiya i gidrologiya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33712).
- 14878 37284. Some principal divisions of Soviet universal classification table. Aug. 29, 1966. [2]+a-b+351 p. 4° [From Universal'naya desyatchnaya klassifikatsiyasokrashchennyye tablitsy, Moscow, 1962.] Φ Paper, \$7.00 (TT: 66-33713).
- 14879 37291. Study of toxic and serological shifts in blood of burned animals [with bibliography], USSR; by A. N. Shokanbayev. Aug. 29, 1966. [2]+7 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya, v. 10, no. 1, Jan.-Feb. 1966.] Φ Paper, \$1.00 (TT: 66-33720).
- 14880 37292. Soviet reports on LSD; by M. Derimov. Aug. 29, 1966. [2] p.+4 leaves, 4° [From Pravda Ukrainy, June 14, 1966.] Φ Paper, \$1.00 (TT: 66-33721).
- 14881 37293. Lenin prize winner in mathematics, Nikolay Vladimirovich Yefimov, USSR; by Ye Rumyantsev. Aug. 29, 1966.] Φ Paper, \$1.00 (TT: 66-33722).
- 14882 37294. Biographical sketch of Soviet chemical scientist academician N. N. Semenov; by M. Neyman. Aug. 29, 1966. [2]+7 p. 4° [From Nauka i zhizn, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-33723).
- 14883 37295. Weather satellites, Soviet views and developments; by Ye. Fedorov. Aug. 29, 1966. [2] p.+7 leaves il. 4° [From Izvestiya, Aug. 21, 1966.] Φ Paper, \$1.00 (TT: 66-33724).
- 14884 37298. Translations from Hoc tap (Studies) no. 7, 1966, North Vietnam. Aug. 29, 1966. [2]+a-b+100 p. 4° Φ Paper, \$4.00 (TT: 66-33727).
- 14885 37307. Developments in USSR space program, USSR. Aug. 29, 1966. [2]+a+22 p. il. 4° [From Aviatsiya i kosmonavtika, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-33736).

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 55

JPRS (series)—Continued

- 14886 37308. Rumanian research in soil and land utilization; by M. Botzan, et al. Aug. 29, 1966. [2]+8 p. 4°. [From *Stilinta solului*, v. 4, no. 2, 1966.] Φ Paper, \$1.00 (TT: 66-33737).
- 14887 37309. Electrophysiological investigations of retina. USSR [excerpts]. Aug. 29, 1966. [2]+a+37 p. il. 4°. [Includes table of contents of source.] Φ Paper, \$2.00 (TT: 66-33738).
- 14888 37313. Pros and cons of existence of telepathy. USSR; by P. Simonov. Aug. 29, 1966. [2]+11 p. 4°. [From *Nauka i shzu*, no. 4, Apr. 1966.] Φ Paper, \$1.00 (TT: 66-33742).
- 14889 37331. USSR medical industry, no. 5 [articles, with bibliographies]. Aug. 30, 1966. [2]+a-c+94 p. il. 4°. Φ Paper, \$3.00 (TT: 66-33760).
- 14890 37350. Attenuation of radiation from artificial earth satellites in above-surface trajectories. USSR [with list of references]; by Sh. G. Shlionskiy. Aug. 30, 1966. [2]+11 p. il. 4°. [From *Geomagnetizm i aeronomiya*, v. 5, no. 6, Nov.-Dec. 1965.] Φ Paper, \$1.00 (TT: 66-33779).
- 14891 37351. Studies in immunization and viral aerosols. USSR [articles, with bibliography]. Aug. 30, 1966. [2]+a+15 p. il. 4°. [From *Zhurnal mikrobiologii, epidemiologii i immunobiologii*, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33780).
- 14892 37352. Estimate of water resources of administrative regions of Azerbaydzhan SSR (Greater Caucasus). USSR [with bibliography]; by R. M. Kashkay. Aug. 30, 1966. [2]+10 p. il. 4°. [From *Izvestiya Akademii nauk Azerbaydzhanskoy SSR, seriya nauk o zemle*, no. 2, 1966.] Φ Paper, \$1.00 (TT: 66-33781).
- 14893 37353. Immunity of amplitude criteria of seismic wave phase correlation. USSR [with bibliography]; by S. V. Goldin. Aug. 30, 1966. [2]+17 p. il. 4°. [From *Geologiya i geofizika*, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-33782).
- 14894 37354. Annual meeting of Academy of Sciences, Turkmen SSR; by Ye. I. Buzayeva, et al. Aug. 30, 1966. [2] p.+4 leaves, 4°. [From *Izvestiya Akademii Nauk Turkmenkoy SSR, seriya fizikotekhnicheskikh khimicheskikh i geologicheskikh nauk*, no. 1, 1966.] Φ Paper, \$1.00 (TT: 66-33783).
- 14895 37355. Development of geophysics in Rumania in last 2 decades [with bibliography]; by G. Atanasiu. Aug. 30, 1966. [2]+14 p. [From *Progresele stiintei*, v. 2, no. 4, Apr. 1966.] Φ Paper, \$1.00 (TT: 66-33784).
- 14896 37356. Translations from *Ti-Chih lun-p'ing* (Geological review), v. 19, no. 3, Mar. 1959, Communist China [articles, with bibliographies]. Aug. 30, 1966. [2]+a+70 p. il. 4°. Φ Paper, \$3.00 (TT: 66-33785).
- 14897 37357. Expansion of scientific research for economic development of USSR [articles]. Aug. 30, 1966. [2]+a+72 p. il. 4°. Φ Paper, \$3.00 (TT: 66-33786).
- 14898 37358. Classes and class struggle in Turkey; by Yu. N. Rozaliyev. Aug. 30, 1966. [2]+a+134 p. 4°. Φ Paper, \$4.00 (TT: 66-33787).
- 14899 37360. Yugoslav comment on biological warfare agents [articles]. Aug. 31, 1966. [2]+a+10 p. 4°. [From *Civilna odbrana*, no. 3, May-June 1966.] Φ Paper, \$1.00 (TT: 66-33789).
- 14900 37361. Experience in application of spectrozonal aerial photographs for topographic interpretation. USSR; by V. Zh. Shoyvanov. Aug. 31, 1966. [2] p.+5 leaves, 4°. [From *Geodeziya i kartografiya*, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33790).
- 14901 37362. Swedish research in Soviet legal terminology. USSR; by Lars-Goeran. Aug. 31, 1966. [2] p.+5 leaves, 4°. [From *Svenska Dagbladet*, July 9, 1966.] Φ Paper, \$1.00 (TT: 66-33791).
- 14902 37363. Indonesia's political history and 1 Oct. coup. Swedish leftist view [articles]; by Christer Hogstedt. Aug. 31, 1966. [2]+17 p. 4°. [From *Tidsignal*, June 15-28, and July 5, 1966.] Φ Paper, \$1.00 (TT: 66-33792).
- 14903 37364. Former Swedish Communist Party chairman publishes books; by Joson. Aug. 31, 1966. [2] p.+5 leaves, 4°. [From *Dagens Nyheter*, July 22, 1966.] Φ Paper, \$1.00 (TT: 66-33793).
- 14904 37369. Soviet clergyman attacks U.S. action in Dominican Republic. USSR; by A. Tsvirkunov. Aug. 31, 1966. [2] p.+4 leaves, 4°. [From *Zhurnal Moskovskoy Patriarkhii*, no. 4, Apr. 1966.] Φ Paper, \$1.00 (TT: 66-33798).
- 14905 37372. Studies of public health in Tadzhikistan, USSR [with bibliography]. Sept. 1, 1966. [2]+a+12 p. 4°. [From *Zdravoo khraneniye Tadzhikistana*, v. 13, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33801).
- 14906 37373. Administration of polyglucin (dextran) in treatment of edematous states. USSR [with bibliography]; by O. M. Yeliseyev. Sept. 1, 1966. [2]+12 p. il. 4°. [From *Terapevticheskiy arkhiv*, June 1966, v. 38, no. 6.] Φ Paper, \$1.00 (TT: 66-33802).
- 14907 37374. Accuracy of geodetic measurements in geological survey operations. pro and con. USSR [articles]. Sept. 1, 1966. [2]+a+27 p. 4°. [From *Geodeziya i Kartografiya* no. 11, Nov. 1965 and no. 6, June 1966.] Φ Paper, \$2.00 (TT: 66-33803).
- 14908 37375. Cybernetics and society [excerpts from report presented at 2d International Convention on Science and Society]; by Rajko Tomovic. Sept. 1, 1966. [2]+7 p. 4°. [From *Borba*, June 19 and 26, 1966.] Φ Paper, \$1.00 (TT: 66-33804).
- 14909 37376. Recent developments in underwater research. USSR; by G. Lisov. Sept. 1, 1966. [2]+8 p. 4°. [From *The Shift*, no. 14, June 1966.] Φ Paper, \$1.00 (TT: 66-33805).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 14910 37379. Kurdish national liberation movements in 1943-57 [with bibliography]; by Sh. K. Mgoi. Sept. 1, 1966. [2]+23 p. 4° [From K'rdakan azagayin-azatagranan sharzhumnern Irak'um yerkrord hamashkhar-hayin paterazmits'het, 1965.] Φ Paper, \$1.00 (TT: 66-33808).
- 14911 37390. Settling rate of atmospheric particles, USSR; by A. P. Manzhuia, et al. Sept. 1, 1966. [2] p.+3 leaves, 4° [From Izvestiya Akademii Nauk SSSR, Fizika atmosfery i okeana, v. 1, no. 9, Sept. 1965.] Φ Paper, \$1.00 (TT: 66-33819).
- 14912 37403. General-purpose computer developed in Rumania; by M. Davidovici, et al. Sept. 2, 1966. [2]+8 p. il. 4° [From Energetica, v. 14, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-33831).
- 14913 37404. Variable-structure automatic control system with low sensitivity to rapid, broad changes in parameters of object of control, USSR [with bibliography]; by S. V. Yemel'yanov, et al. Sept. 2, 1966. [2]+15 p. il. 4° [From Samonastraivayushchiyesya sistemy, 1965.] Φ Paper, \$1.00 (TT: 66-33832).
- 14914 37405. All-Union congress of physio- and health-resort therapists, USSR; by G. A. Nevrayev, et al. Sept. 2, 1966. [2] p.+5 leaves, 4° [From Voprosy kurortologii fizioterapii i lechebnoy fizicheskoy kul'tury, v. 31, no. 1, 1966.] Φ Paper, \$1.00 (TT: 66-33833).
- 14915 37406. Public health progress in Kazakhstan, USSR. Sept. 2, 1966. [2]+a+8 p. 4° [From Zdravookhraneniye kazakhstana, v. 26, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-33835).
- 14916 37407. Synthesis and application of perceptrons, USSR [articles, with bibliographies]. Sept. 2, 1966. [3]+20 p. il. 4° [From Trudy, avtomatizatsiys i vychislitel'naya tekhnika na morskoy fote, no. 77, 1965.] Φ Paper, \$1.00 (TT: 66-33835).
- 14917 37408. Scientific cultivation of agricultural plants, Rumania; by T. Muresan. Sept. 2, 1966. [2]+12 p. 4° [From Probleme agricole, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-33836).
- 14918 37414. Electronic treatment of materials, USSR [with bibliographies]. no. 3, 1965. Sept. 2, 1966. [2]+a-b+1-42a, 43-12S p. il. 4° Φ Paper, \$4.00 (TT: 66-33842).
- 14919 37416. Soviet goals and some achievements in psychology [articles]. Sept. 2, 1966. [2]+a+52 p. il. 4° [From Voprosy psikhologii, v. 12, no. 3, May/June 1966.] Φ Paper, \$3.00 (TT: 66-33844).
- 14920 37417. Transplant immunity and radiation chimera, USSR [excerpts, with bibliographies]; by Petrov and Yu. Zaretskaya]. Sept. 2, 1966. [2]+a+21 p. il. 4° Φ Paper, \$1.00 (TT: 66-33845).
- 14921 37430. Morphological features of aquatic mammals, USSR articles, [with lists of literature; edited by S. Ye. Kleyenberg]. Sept. 6, 1966. [2]+a+115 p. il. 4° Φ Paper, \$4.00 (TT: 66-33858).
- 14922 37431. Structure of population of toothed cetaceans (Odontoceti), USSR [with list of literature]; by V. M. Bel'kovich, et al. Sept. 6, 1966. [2]+7 p. il. 4° [From Morskiye mlekovitayushchiye, 1964.] Φ Paper, \$1.00 (TT: 66-33859).
- 14923 37436. Scientific activity of institutions of Department of Biological Sciences, USSR; by A. D. Dzhangaliyev. Sept. 6, 1966. [2]+15 p. 4° [From Izvestiya Akademii Nauk Kazakhskoy SSR, seroya biologicheskaya, no. 3, Mar. 1966.] Φ Paper, \$1.00 (TT: 66-33864).
- 14924 37464. Suggested expansion of rights granted to institutions of higher learning; by M. Anuchin. Sept. 7, 1966. [2]+6 p. 4° [From Izvestiya, Aug. 14, 1966.] Φ Paper, \$1.00 (TT: 66-33892).
- 14925 37465. Soviet Colonel reviews Cornelius Ryan's Last battle; by I. Ye. Zaytsev. Sept. 7, 1966. [2]+8 p. 4° [From Za rubezhom, no. 34, Aug. 19-25, 1966.] Φ Paper, \$1.00 (TT: 66-33893).
- 14926 37466. Soviet view of western oil interests in Near East; by M. Kamal'. Sept. 7, 1966. [2] p.+4 leaves, 4° [From Vyshka, July 29, 1966.] Φ Paper, \$1.00 (TT: 66-33894).
- 14927 37467. Criticism of Soviet scientific press; by V. Kargin. Sept. 7, 1966. [2] p.+4 leaves, 4° [From Pravda, July 12, 1966.] Φ Paper, \$1.00 (TT: 66-33895).
- 14928 37483. Production of automatic instruments and equipment, USSR; [by A. N. Gavrilov]. Sept. 8, 1966. [2]+a+48 p. il. 4° Φ Paper, \$2.00 (TT: 66-33911).
- 14929 37484. Science and Communist society, USSR, Eastern Europe [articles]. Sept. 8, 1966. [2]+a+15 p. 4° [From Priroda, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-33912).
- 14930 37485. Winners of 1965 Mendeleev Society prizes in chemistry, USSR; by D. A. Kuznetsov. Sept. 8, 1966. [2]+16 p. 4° [From Zhurnal vsesoyuznogo khimicheskogo obshchestva im. D. L. Mendeleeva, v. 11, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-33913).
- 14931 37486. Soviet research in medical radiology [articles, with bibliography]. Sept. 8, 1966. [2]+a+17 p. il. 4° [From Meditsinskaya radiologiya, v. 11, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33914).
- 14932 37487. Spread of injury in somatic muscle fibers, USSR [excerpts; by S. N. Aleksandrov and D. L. Rozental']. Sept. 8, 1966. [2]+a+12 p. 4° [Includes Conclusion and Table of contents of source.] Φ Paper, \$1.00 (TT: 66-33915).
- 14933 37493. Report on 1966 general assembly of Hungarian Chemical Society. Sept. 8, 1966. [2] p.+3 leaves, 4° [From Magyar kemikusok lapja, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33921).

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 57

JPRS (series)—Continued

- 14934 37494. Volga Germans in Soviet Central Asia; by Manfred R. Beer. Sept. 9, 1966. [2]+6 p. 4° [From Christ and welt, July 29, 1966.] Φ Paper, \$1.00 (TT: 66-33922).
- 14935 37499. Vestnik of Academy of Sciences USSR. v. 36, no. 4, 1966. Sept. 8, 1966. [2]+a-b+236 p. il. 4° Φ Paper, \$6.00 (TT: 66-33927).
- 14936 37515. 22d all-Union scientific session devoted to radio day: Section on wire communications [with bibliographies]. Sept. 9, 1966. [2]+a-b+62 p. il. 4° Φ Paper, \$3.00 (TT: 66-33943).
- 14937 37516. 22d all-Union scientific session devoted to radio day: Section on radio broadcasting, electroacoustics and sound recording [with bibliographies]. Sept. 9, 1966. [2]+a+38 p. il. 4° Φ Paper, \$2.00 (TT: 66-33944).
- 14938 37517. 22d all-Union scientific session devoted to radio day: Section on radio measurements [with bibliographies]. Sept. 9, 1966. [2]+a+32 p. il. 4° Φ Paper, \$2.00 (TT: 66-33945).
- 14939 37518. 22d all-Union scientific session devoted to radio day: Section on television, [with bibliographies]. Sept. 9, 1966. [2]+a-b+71 p. il. 4° Φ Paper, \$3.00 (TT: 66-33946).
- 14940 37519. 22d all-Union scientific session devoted to radio day: Section on radio transmitters. [with bibliographies]. Sept. 9, 1966. [2]+a-b+28 p. il. 4° Φ Paper, \$2.00 (TT: 66-33947).
- 14941 37520. 22d all-Union scientific session devoted to radio day: Section on radio receivers and amplifiers [with bibliographies]. Sept. 9, 1966. [2]+a-c+1-42a+43-130 p. il. 4° Φ Paper, \$4.00 (TT: 66-33948).
- 14942 37521. 22d all-Union scientific session devoted to radio day: Section on general radio engineering [with bibliographies]. Sept. 9, 1966. [2]+a-c+176 p. il. 4° Φ Paper, \$5.00 (TT: 66-33949).
- 14943 37522. Possible role of metallic complexes in reactivation of cholinesterase inhibited by organic phosphorus compounds. USSR [with bibliography]; by Ye. V. Rozinskaya, et al. Sept. 9, 1966. [2]+8 p. il. 4° [From Voprosy meditsinskoy khimii, v. 12, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-33950).
- 14944 37523. Submerged-arc welding. USSR [articles, with lists of references]. Sept. 9, 1966. [2]+a+29 p. il. 4° [From Svarka, sbornik statey, no. 1, 1958.] Φ Paper, \$2.00 (TT: 66-33951).
- 14945 37524. 2d All-Union conference on aerospace medicine. Sept. 9, 1966. [2]+15 p. 4° [From Meditsinskaya gazeta, v. 29, no. 55, July 1966.] Φ Paper, \$1.00 (TT: 66-33952).
- 14946 37525. Soviet metal rolling technology [articles, with bibliographies]. Sept. 9, 1966. [2]+a+37 p. il. 4° [From Tsvetnyye metally, nos. 9 and 10, 1965 and nos. 6 and 7, 1966.] Φ Paper, \$2.00 (TT: 66-33953).
- 14947 37527. Soviet critique on Islam [articles]. Sept. 12, 1966. [2]+a+20 p. 4° [From Nauka i religiya, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33955).
- 14948 37528. Domestic photographic papers for printing documents and texts. USSR: [by M. I. Shor]. Sept. 12, 1966. [2]+7 p. il. 4° [From Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, no. 2, 1961.] Φ Paper, \$1.00 (TT: 66-33956).
- 14949 37551. Experience with methods to modify clouds, fogs, and hail-forming processes. USSR [articles, with bibliographies]. Sept. 13, 1966. [2]+a+59 p. il. 4° [From Trudy Tsentral'noy Aerologicheskoy Observatorii, no. 65, 1965.] Φ Paper, \$3.00 (TT: 66-33979).
- 14950 37552. Bionics, its status and trends in its development [with list of literature]: by A. Berg, et al. Sept. 13, 1966. [2]+27 p. il. 4° [From Nauka i zhizn', no. 6, June 1966.] Φ Paper, \$2.00 (TT: 66-33980).
- 14951 37553. Bulgarian inventors and efficiency experts receive awards [list]. Sept. 13, 1966. [2]+10 p. 4° [From Ratsionalizatsiya standartisatsiya, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33981).
- 14952 37554. Progress noted at session of Bulgarian National Assembly's permanent commission on industry and energy; by Mikh. Ninkov. Sept. 13, 1966. [2] p.+3 leaves. 4° [From Otechestven front, July 23, 1966.] Φ Paper, \$1.00 (TT: 66-33982).
- 14953 37555. Phase analysis of cardiac activity. USSR [with bibliography]; by V. A. Karpman. Sept. 13, 1966. [2]+a-v+240 p. il. 4° Φ Paper, \$6.00 (TT: 66-33983).
- 14954 37556. Bulgarian scientific and technological progress [articles]. Sept. 13, 1966. [2]+a+7 p. 4° [From Tekhnicheskoe delo, Aug. 6, 1966.] Φ Paper, \$1.00 (TT: 66-33984).
- 14955 37557. Programmed teaching in USSR [articles]. Sept. 13, 1966. [2]+a+22 p. 4° Φ Paper, \$1.00 (TT: 66-33985).
- 14956 37558. Application of geodetic instruments in Hungary [articles, with list of literature]. Sept. 13, 1966. [2]+a+27 p. il. 4° [From Geodezia es kartografia, v. 18, no. 3, 1966.] Φ Paper, \$2.00 (TT: 66-33986).
- 14957 37559. Soviet communications research with dolphins. Sept. 13, 1966. [2] p.+4 leaves. 4° [From Krasnaya zvezda, June 11, 1966.] Φ Paper, \$1.00 (TT: 66-33987).
- 14958 37560. Soviet research on physics of combustion and explosion [articles, with bibliographies]. Sept. 13, 1966. [2]+a-b+82 p. il. 4° [From Fizika goreniya i vzryva, no. 4, 1965.] Φ Paper, \$3.00 (TT: 66-33988).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

JUSTICE DEPARTMENT
Washington, D.C. 20530

Opinions of Attorney General [Volume 42, Opinion.]

- 14959 25. NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability; Nov. 30, 1960, released for publication May 23, 1966. [1966.] 15 p. * Paper, 10c. J 1.5/a : 42/25
- 14960 Report of Attorney General to Congress of United States on administration of Foreign agents registration act of 1938, as amended, calendar year 1965. [1966.] cover title, [1]+220 p. 4° * Paper, \$1.00. ● Item 719-C
L.C. card 45-36591 J 1.30 : 965

LABOR DEPARTMENT
Washington, D.C. 20210

Manpower/automation research monograph. ● Item 746-H

- 14961 5. Oak Glen, training camp for unemployed youth [with bibliographic information; prepared by Jane R. Chapman]. May 1966. v+69 p. 4° ([Office of Manpower Policy, Evaluation, and Research, Manpower Administration.])
† L 1.39/3 : 5
- 14962 Regulations and interpretative bulletins: Labor-management reporting and disclosure act, as amended. June 1966. [3]+31 p. 4° (Labor-Management Services Administration, Office of Labor Management and Welfare-Pension Reports.) [Previously published in Federal register and Code of Federal regulations.] † ● Item 762-D-3 L 1.7/4 : L 11
- 14963 — Welfare and pension plans disclosure act as amended. June 1966. [2]+21 p. 4° (Labor-Management Services Administration, Office of Labor-Management and Welfare-Pension Reports.) [Previously published in Federal register and Code of Federal regulations.] † ● Item 747 L 1.7/4 : W 45
- 14964 Young workers. [1966.] cover title, [1]+87-118 p. il. 4° (Manpower Administration.) [Prepared in cooperation with Office of Economic Opportunity, and Office of Education of Department of Health, Education, and Welfare. Reprint from 1966 Manpower report.] †
L 1.42/2a : W S92/966

LABOR STANDARDS BUREAU, Labor Dept.
Washington, D.C. 20210

Bulletin. ● Item 763

- 14965 240. Rigging cargo gear; [prepared by Ralph W. Netterstrom]. Revised 1966. [1966.] cover title, [1]+23 p. il. (Safety in industry, mechanical and physical hazards series.) * Paper, 15c.
L.C. card 66-62535 L 16.3 : 240/2
- 14966 Pursuit of happiness, program guide 1966-67. [1966.] v+25 p. il. (President's Committee on Employment of the Handicapped.) [Includes lists of available publications, films, and exhibits. Text on p. 2 of cover.] †
● Item 766-C L 16.44/2 : P 94/966-67
- Safeguard our Nation's youth on the job (series).
- 14967 3. Injuries to young farmworkers can't be plowed under. July 1966. 1 p. il. 4° † L 16.51/5 : 3

LABOR STATISTICS BUREAU, Labor Dept.
Washington, D.C. 20210

BLS reports.

L 2.71 : (nos.)

- 14968 307. Indexes of output per man-hour, hosiery industry, 1947-64; [prepared in Division of Productivity Measurement]. June 1966. cover title, iii+22 p. il. 4° [Includes list of other recent BLS publications on productivity and automation.] † ● Item 768-G
L.C. card 66-62546
- 14969 308. Indexes of output per employee, air transportation industry, 1947-64; [prepared in Division of Productivity Measurement]. Aug. 1966. cover title, i+14 p. il. 4° [Includes list of other recent BLS publications on productivity and automation.] †
L.C. card 66-62545

GOVERNMENT PUBLICATIONS

- Bulletins. ● Item 768 L 2.3: (nos.)
- 14970 1465-68. Area wage survey: Chicago, Ill., metropolitan area, Apr. 1966. June 1966. iii+38 p. oblong 8° * Paper, 30c.
L.C. card L 66-143
- 14971 1465-70. Same: Charleston, W. Va., metropolitan area, Apr. 1966. July 1966. iii+30 p. oblong 8° * Paper, 25c.
L.C. card L 66-141
- 14972 1465-72. Same: Muskegon, Muskegon Heights, Mich., metropolitan area, May 1966. July 1966. iii+30 p. oblong 8° * Paper, 25c.
L.C. card L 66-158
- 14973 1465-75. Same: Spokane, Wash., metropolitan area, June 1966. July 1966. iii+17 p. oblong 8° * Paper, 20c.
L.C. card L 66-162
- 14974 1465-77. Same: Norfolk-Portsmouth and Newport News-Hampton, Va., metropolitan area, June 1966. July 1966. iii+16+[1] p. oblong 8° * Paper, 20c.
L.C. card L 66-160
- 14975 1465-80. Same: Lawrence Haverhill, Mass.-N.H., metropolitan area, June 1966. July 1966. iii+30 p. oblong 8° * Paper, 25c.
L.C. card L 66-155
- 14976 1465-81. Same: Akron, Ohio, metropolitan area, June 1966. July 1966. iii+34 p. oblong 8° * Paper, 30c.
L.C. card L 66-154
- 14977 1465-82. Same: New York, N.Y., metropolitan area, Apr. 1966. Aug. 1966. iv+66 p. oblong 8° * Paper, 40c.
L.C. card L 66-159
- 14978 1485. Private pension plan benefits; [prepared by Walter W. Kolodrubetz, Donald J. Staats, and Stanley S. Sacks]. June 1966. viii+104 p. il. 4° * Paper, 55c.
L.C. card 66-62538
- 14979 1506. Industry wage survey: Cotton textiles, Sept. 1, 1965; [prepared by George L. Stelluto]. July 1966. vi+64+[2] p. 4° * Paper, 40c.
L.C. card L 66-154
- 14980 1510. March 1966 price trends [charts and tables; prepared in Branch of Price Economics of Office of Prices and Living Conditions]. [1966.] v+49 p. il. 4° * Paper, 35c.
L.C. card L 66-150
- 14981 Department store inventory price indexes, July 1966. Aug. 29, 1966. 2 p. 4° † L 2.79: 966-2
- 14982 A look at the labor side of plant location [list of publications and studies]. [1966.] [12] p. il. narrow 8° † ● Item 768-E L 2.34/2: P 69
- 14983 Negro in the West, some facts relating to social and economic conditions: 2, Negro consumer; [prepared by Charles A. Roumasset and Edward N. Smith]. [1966.] cover title, [1]+16 p. il. 4° † Bureau of Labor Statistics, 450 Golden Gate Avenue, Box 36017, San Francisco, Calif. 94102. L 2.2: N 31/3pt. 2
L.C. card L 66-119
- 14984 Summary release, employee earnings and hours in retail trade, June 1965. June 1966. 10 p. 4° † ● Item 769 L 2.2: R 31/5/965

LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, Mich. 48226

- 14985 Supplement 5, Sept. 1966, corrections and additions to 1966 Great Lakes pilot. [1966.] [1]+13 leaves, 4° [Bearings are true and distances are expressed in statute miles. Supplement information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, 630 Federal Bldg., Detroit, Mich. 48226 D 103.203: 966/supp. 5
L.C. card 6-7112

LIBRARY OF CONGRESS Washington, D.C. 20540

- 14986 National union catalog, cumulative author list representing Library of Congress printed cards and titles reported by other American Libraries: Register of additional locations, June 1966; [compiled by Catalog Maintenance and Catalog Publication Division]. 1966. xiv+385 p. 4° (Library of Congress catalogs.) [Supplement to National union catalog.] † [Included in subscription to National union catalog. See Entry no. 3242, Feb. 1966 Monthly catalog.] LC 30.8/7: 966
L.C. card 56-60041

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

**MARINE CORPS (Navy), Defense Dept.
Washington, D.C. 20350**

- 14987 First 50 years, U.S. Marine Corps Reserve. [1966.] [2]+36+[2] p. il.
([NAVMC 7003R.]) †
L.C. card 66-62550 D 214.13: R 31

**MARITIME ADMINISTRATION, Commerce Dept.
Washington, D.C. 20548**

- 14988 Economic impact of United States ocean ports. [1966.] 28 p. il. 4° [Text
on p. 3 of cover.] * Paper, 30c. • Item 235
L.C. card 66-62547 C 39.202: P 83

**MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.
Washington, D.C. 20350**

- 14989 Manual of Medical Department, page change 30. June 20, 1966. [46] p. 4°
[Issued in looseleaf form.] † D 206.8/2: 952/ch. 30
- 14990 — page change 31. Aug. 9, 1966. [43] p. 4° [Issued in looseleaf form.
Includes checklist of pages in effect.] † D 206.8/2: 952/ch. 31
- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.:
Reports. † D 206.10: (nos.)
- 14991 437. Ionizing radiation effects on eyes of personnel in nuclear-powered submarine
[with list of references]; by Thomas R. Kleh. Sept. 10, 1964. cover title,
iii+7+[13] p. il. 4° (Vol. 23, no. 19, research proj. MR005.14.3002-
4.16.) [For official use.]
- 14992 450. Aerotitis media in submarine recruits [with list of references]; by Howard
J. Alfandre. May 29, 1965. cover title, iii+19+[5] p. il. 4° (Research
work unit MR005.14-3100-1.05.) [For official use; may be released as
of Mar. 1, 1966.]
- 14993 451. Monaural and binaural speech intelligibility and stereophonic effect based
upon temporal cues [with bibliography]; by J. Donald Harris. June 1,
1965. cover title, 19+[5] p. il. 4° (Vol. 24, no. 7, research proj.
MR005.14.1001-3.06.) [Reprint from Laryngoscope, v. 75, no. 3, Mar.
1965. Text on p. 2 of cover.]
- 14994 460. Comparison of individual and group learning of nonsense syllables [with
list of references]; by Bernard L. Ryack. Oct. 12, 1965. cover title,
296-299+[5] p. 4° (Work unit MF002.03.03-9014.01.) [Reprinted from
Journal of personality and social psychology, v. 2, no. 2, Aug. 1965.]
- 14995 467. Aerodontalgia under hyperbaric conditions [with list of references]; by
William R. Shiller. Jan. 20, 1966. cover title, [1]+694-697+[5] p. 4°
(Research work-unit MF022.03.03-9001.04.) [Reprinted from Oral sur-
gery, oral medicine and oral pathology, v. 20, no. 5, Nov. 1965. Copy-
right 1965 by C. V. Mosby Company. Text on p. 2 of cover.]
- 14996 472. Near-drowning, its pathophysiology and treatment in man [with list of
references]; by George E. Griffin. Mar. 3, 1966. cover title, [1]+12-
21+[6] p. il. 4° (Research work-unit MF022.03.03-9025.23.) [Re-
printed from Military medicine, v. 131, no. 1, Jan. 1966. Text on p. 2
of cover.]
- 14997 Vending of food and beverages. [1966.] [1]+7 p. 4° (Supp. 1,
NAVMED P-5910-1.) [Issued in looseleaf form. Supplement 1 to
Manual of naval preventive medicine, chap. 1, Food sanitation.] †
• Item 385-B D 206.6/3: M 46/chap. 1/supp. 1

**MINES BUREAU, Interior Dept.
Washington, D.C. 20240**

- 14998 Advance data on coke and coal chemicals in 1965; prepared by Eugene T.
Sheridan. Aug. 8, 1965. 19 p. 4° (Mineral industry surveys; Coke
and coal chemicals, annual.) † Mines Bureau, Pittsburgh, Pa. 15213
I 28.30/4: 965
- 14999 Antimony; by Donald E. Moulds. [1966.] [2]+10 p. [Preprint from
Minerals yearbook, 1965.] * Paper, 15c. I 28.37/a: An 87/965
- 15000 Boron; by William C. Miller. [1966.] [2]+8 p. [Preprint from Minerals
yearbook, 1965.] * Paper, 10c. I 28.37/a: B 645/965

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 15001 Cobalt; by Harold W. Lynde, jr. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : C 632/965
- 15002 Coke producers in United States in 1965; [prepared by Eugene T. Sheridan]. Aug. 10, 1966. 11 p. 4° (Mineral industry surveys; Coke producers, annual.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.30/2 : 965
- 15003 Diatomite; by Benjamin Petkof. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a : D 543/965
- 15004 Disabling work-injury experience of oil industry (all activities) and natural gas industry (excluding distribution activities) in United States, 1965; prepared by Nell B. Bradley, Gwen M. Watts, and Nina L. Jones. Aug. 1966. [1]+14 p. il. 4° (Mineral industry surveys; Oil and gas injuries, annual.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.108 : 965
- 15005 Feldspar, nepheline syenite, and aplite; by J. Robert Wells. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : F 333/2/965
- 15006 Fuel briquets and packaged fuel; by Eugene T. Sheridan. [1966.] [2]+14 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : B 773/965
- 15007 Gem stones; by Benjamin Petkof. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : G 284/965
- 15008 Gypsum; by Paul L. Allsman. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : G 998/965
- 15009 Helium; by Edwin M. Thomasson. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : H 367/965
- Information circulars. ● Item 637-A I 28.27 : (nos.)
- 15010 S301. Forms of sulfur in U.S. coals; by F. W. Walker and F. E. Hartner. [1966.] [3]+51 p. 4° * Paper, 35c. L.C. card 66-62231
- 15011 S302. Analyses of natural gases of United States, 1964; by B. J. Moore, R. D. Miller and R. D. Shrewsbury. [1966.] [3]+144 p. il. 4° * Paper, 70c. L.C. card 64-61479
- 15012 S308. Research and technologic work on explosives, explosions, and flames, fiscal year 1965; by staff, Explosives Research Center. [1966.] [2]+ii+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213 L.C. card 58-25417
- 15013 Magnesium compounds; by Lloyd R. Williams. [1966.] [2]+10 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : M 274/5/965
- 15014 Mineral industry of Albania; by Roman V. Sondermayer. [1966.] [2]+3 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a 2 : A1 13/965
- 15015 Mineral industry of Iraq; by James A. West. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a2 : Ir 1/2/965
- 15016 Minerals industry of Israel; by E. Shekarchi. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a 2 : Is 7/965
- 15017 Mineral industry of Jordan; [by E. Shekarchi]. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a 2 : J 761/965
- 15018 Minor metals; by Staff, Division of Minerals. [1966.] [2]+16 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : M 564/3/965
- 15019 Molybdenum; by John L. Morning. [1966.] [2]+11 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a : M 739/965
- 15020 Perlite; by Timothy C. May. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a : P 421/965

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Report of investigations. • Item 637-A I 28.23: (nos.)

- 15021 6816. Infrared spectroscopy studies of xanthatolagena system [with list of references]; by R. E. Coleman and H. E. Powell. [1966.] [2]+ii+24 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15022 6818. Electrolytes for electrorefining hafnium [with list of references]; by M. M. Wong, J. M. Hiegel, and G. M. Martinez. [1966.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15023 6820. Determination of cesium and rubidium by flame photometry [with list of references]; by Kenneth R. Farley and H. E. Peterson. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15024 6823. Analysis of stresses in rock disk subjected to peripheral thermal shock [with list of references]; by T. S. Chen and R. L. Marovelli. [1966.] [2]+ii+50 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15025 6824. Calibration of rotating piston deadweight gage by means of mercury column less than 1 meter high, significance of piston constants and their applications; by Earle S. Burnett and Paul V. Mullins. [1966.] [3]-22 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15026 6825. Preparation characteristics of coal from Webster County, W. Va.; by A. W. Deuerbrouck. [1966.] [2]+ii+30 p. il. 4° [Includes list of other Bureau of Mines publications in this series.] † Mines Bureau Pittsburgh, Pa., 15213
- 15027 6826. Two- and 3-phase relative permeability studies [with list of references]; by Erle C. Donaldson and Gordon W. Dean. [1966.] [3]+23 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15028 6827. Reaction interface speed as reducibility index for iron ore [with list of references]; by J. P. Hansen, T. N. Rushton, and C. W. Schultz. [1966.] [2]+ii+33 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15029 6828. Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States [with bibliography]; by Henry C. Meeves. [1966.] [2]+iii+68 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15030 6829. Reaction of coal in argon and argon-hydrogen plasmas [with list of references]; by Walter Kawa, Richard D. Graves, and Raymond W. Hiteshue. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15031 6840. Detonation initiation in alkane-oxygen mixtures; by Elton L. Litchfield and Marilyn H. Hay. [1966.] [3]+6 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 15032 Rhenium; by Richard F. Stevens, jr. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: R 343/965
- 15033 Water used in mineral industry of Alabama in 1962; [prepared by F. Vernon Tompkins]. Aug. 1, 1966. [7] leaves, il. 4° (Mineral industry surveys, Area 2, Knoxville, Tenn., 37902.) (II-43.) (Supplements II-22.) † Mines Bureau, Pittsburgh, Pa., 15213
- 15034 Zirconium and hafnium; by John G. Parker. [1966.] [1]+9 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: Z 68/965

NARCOTICS BUREAU, Treasury Dept.
Washington, D.C. 20226

- 15035 Traffic in opium and other dangerous drugs for year ended Dec. 31, 1965 [report, with list of Publications of international interest]. 1966. v+64 p. il. * Paper, 30c. • Item 969
L.C. card 31-26999 T 56.8: 965

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, D.C. 20546

- 15036 Activities in science related to space. [1966.] cover title, [1]+54 p. il. 4°
† • Item S30-C
L.C. card 66-62549 NAS 1.2: Sci 2/3/prelim.
- NASA contractor report CR (series). NAS 1.26: (nos.)
- 15037 492. Errata. Studies of mechanics of filamentary composites, by Norris F. Dow, B. Walter Rosen, Zvi Hashin, June 1966. [Sept. 1966.] 1 p. 4° †
- 15038 517. Precision winding of cylindrical composites with shaped glass filaments [with bibliography]; by Richard A. Humphrey, Aug. 1966. cover title, vii+39 p. il. 4° [Prepared under contract NASw-1100 by DeBell & Richardson, Inc., Hazardville, Conn.] Φ Paper, \$2.00.
- 15039 518. Initiation of failure mechanisms in glass-resin composites [with bibliography]; by William J. Eakins, Aug. 1966. cover title, viii+63 p. il. 4° [Prepared under contract NASw-1100 by DeBell & Richardson, Inc., Hazardville, Conn.] Φ Paper, \$3.00.
L.C. card 66-62502

GOVERNMENT PUBLICATIONS

NASA contractor report CR (series)—Continued

- 15040 521. Experimental investigation of flow fields about delta and double-delta wings at low speeds [with list of references]; by William H. Wentz, jr., and Michael C. McMahon. Aug. 1966. cover title, [1]+143 p. il. 4° [Prepared under grant NGR 17-003-003 by Wichita State University, Wichita, Kans.] Φ Paper, \$4.00.
- 15041 523. Study of low density, high strength high modulus filaments and composites; by J. A. Alexander, R. G. Shaver, and J. C. Withers. July 1966. cover title, v+23 p. il. 4° [Prepared under contract NASw-1020 by General Technologies Corporation, Alexandria, Va.] Φ Paper, \$2.00.
- 15042 525. Conceptual design study for Mars entry vehicle damper [with list of references]; R. A. Winje. cover title, x+49+5+12 p. il. 4° [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.] Φ Paper, \$3.00.
- 15043 527. Study of quasi-optimum feedback control techniques [with list of references]; by Bernard Friedland [and others]. Aug. 1966. cover title, v+103 p. il. 4° [Prepared under contract NAS 2-2648 by General Precision, Inc., Little Falls, N.J. for Ames Research Center.] Φ Paper, \$3.00.
- 15044 529. Diffusion and electron emission properties of duplex refractory metal thermionic emitters [with list of references]; by R. G. Hudson and L. Yang. Aug. 1966. cover title, [1]+26 p. il. 4° [Prepared under contract NAS 3-4165 by General Dynamics, San Diego, Calif. for Lewis Research Center.] Φ Paper, \$2.00.
- 15045 532. Human tracking, performance in uncoupled and coupled 2-axis systems [with list of references]; by E. P. Todosiev [and others]. Aug. 1966. cover title, xlii+172 p. il. 4° [Prepared under contract NAS 1-4419 by TRW Systems, Redondo Beach, Calif.] Φ Paper, \$5.00.
- 15046 534. Flight type oxygen partial pressure sensor; by S. A. Sternbergh and W. M. Hickam. Aug. 1966. cover title, iii+47 p. il. 4° [Prepared under contract NAS 1-4340 by Westinghouse Electric Corporation, Pittsburgh, Pa.] Φ Paper, \$2.00.
- 15047 535. Analysis of hypersonic pressure and heat transfer tests on delta wings with laminar and turbulent boundary layers [with list of references]; by A. L. Nagel, H. D. Fitzsimmons, and L. B. Doyle. Aug. 1966. cover title, v+195 p. il. 4° [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.] Φ Paper, \$5.00.
- 15048 536. Analysis of hypersonic pressure and heat transfer tests on flat plate with flap and delta wing with body, elevons, fins, and rudders [with list of references]; by H. L. Giles and J. W. Thomas. Aug. 1966. cover title, v+122 p. il. 4° [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.] Φ Paper, \$4.00.
- 15049 537. Analysis of pressure and heat transfer tests on surface roughness elements with laminar and turbulent boundary layers [with list of references]; by C. L. Jaek. Aug. 1966. cover title, v+143 p. il. 4° [Prepared under contract NAS 1-4301 by Boeing Company, Seattle, Wash.] Φ Paper, \$4.00.
- 15050 538. Flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number [with list of references]; by D. R. Kobett. cover title, viii+30 p. il. 4° [Prepared under contract NAS 1-4900 by Midwest Research Institute, Kansas City, Mo., for Langley Research Center.] Φ Paper, \$2.00.
- 15051 541. Buckling of imperfect cylinders under axial compression [with list of references]; by G. A. Thurston and M. A. Freeland. July 1966. cover title, iv+45 p. il. 4° [Prepared under contract NAS 1-4782 by Martin-Marietta Corporation, Denver, Colo., for Langley Research Center.] Φ Paper, \$3.00.
- 15052 542. Pilot describing function measurements in multiloop task [with list of references]; by R. L. Stapleford, D. T. McRuer, and R. Magdaleno. Aug. 1966. cover title, [1]+33 p. il. 4° [Prepared under contract NAS 2-1868-3 by Systems Technology, Inc., Hawthorne, Calif.] Φ Paper, \$2.00.
- 15053 546. Minimax control of large launch boosters; by K. D. Graham. July 1966. cover title, x+70 p. il. 4° [Prepared under contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn., for George C. Marshall Space Flight Center.] Φ Paper, \$3.00.
- 15054 547. Minimax studies [with lists of references]; by W. A. Glasser, K. D. Graham, and C. A. Harvey. Aug. 1966. cover title, vii+100 p. il. 4° [Prepared contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn., for George C. Marshall Space Flight Center.] Φ Paper, \$4.00.
- 15055 548. Data requirements for in-flight synthesis and multiple blender studies [with list of references]; by L. D. Edinger and G. S. White. Aug. 1966. cover title, x+98+[121] p. il. 4° [Prepared under contract NAS 8-11206 by Honeywell, Inc., St. Paul, Minn.] Φ Paper, \$6.00.
- 15056 549. Eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load [with lists of references]; by Guy Fauconneau and William M. Laird. Aug. 1966. cover title, iii+[4]+30 p. il. 4° [Prepared under grant NSG-634 by University of Pittsburgh, Pittsburgh, Pa.] Φ Paper, \$2.00.
- 15057 550. Experimental study of buckling of complete spherical shells [with list of references]; by R. L. Carlson, R. L. Sendelbeck, and N. J. Hoff. Aug. 1966. cover title, v+59 p. il. 4° [Prepared under grant NSG-630 by Stanford University, Stanford, Calif.] Φ Paper, \$3.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15058 553. Experimental investigations of solid nitrogen formed by cryopumping [with list of references]; by K. W. Rogers. Aug. 1966. cover title, iv+40 p. il. 4° [Prepared under contract NASw-1282 by Celestial Research Corporation, South Pasadena, Calif.] Φ Paper, \$2.00.
- 15059 555. Root locus diagrams by digital computer [with list of references]; by Allan M. Krall and Robert Fornaro. Aug. 1966. cover title, [1]+35 p. il. 4° [Prepared under grant NGR-39-009-041 by Pennsylvania State University Park, Pa.] Φ Paper, \$2.00.
- 15060 557. Air radiation tables, spectral distribution functions for molecular band systems [with list of references]; by Richard A. Allen. Aug. 1966. cover title, vii+[190] p. il. 4° [Prepared under contract DA-01-021-AMC-12005 (Z) and NASw-748 by Avco Corporation, Everett, Mass.] for Advanced Research Projects Agency and National Aeronautics and Space Administration.] Φ Paper, \$3.25.
L.C. card 66-62501
- 15061 558. Influence of boundary conditions on buckling load of cylindrical shells under axial compression [with list of references]; by Shigeo Kobayashi. Aug. 1966. cover title, viii+25 p. il. 4° [Prepared under grant NsG-18-59 by California Institute of Technology, Pasadena, Calif.] Φ Paper, \$2.00.
- 15062 559. Transport phenomena in ionized gases as initial value problem [with list of references]; by D. A. Huchital and E. H. Holt. Sept. 1966. cover title, [1]+9 p. il. 4° [Prepared under grant NsG-48 by Rensselaer Polytechnic Institute, Troy, N.Y.] Φ Paper, \$1.00.
- 15063 560. Effects of time delay in visual feedback loop of man-machine system [with list of references]; by John McLean Leslie. Sept. 1966. cover title, xii+112 p. il. 4° [Prepared under grant NsG 111-61 by Stanford University, Stanford, Calif.] Φ Paper, \$3.00.
- 15064 561. Study of potential roles of supersonic transport crews and some implications for flight deck: v. 1. Workload, crew roles, flight deck concepts, and conclusions [with list of references]; by Harold E. Price, William D. Honsberger, and William J. Ereneta. Aug. 1966. cover title, xli+212+A98 p. il. 4° [Prepared under contract NAS 2-2209 by Serendipity Associates, Chatsworth, Calif. Errata, 1 p., issued also.] Φ Paper, \$3.75.
L.C. card 66-62565
- 15065 563. Visual detection of point source targets [with list of references]; by R. A. Shea and L. G. Summers. Sept. 1966. cover title, viii+65 p. il. 4° [Prepared under contract NAS 2-2742 by TRW Systems, Redondo Beach, Calif.] Φ Paper, \$2.50.
- 15066 565. Navigator study of electric propulsion for unmanned scientific missions, constant power mission analysis [with list of references]; by H. Brown and J. R. Taylor. Aug. 1966. cover title, [1]+42 p. il. 4° [Prepared under contract NAS 3-2533 by General Electric, Philadelphia, Pa.] Φ Paper, \$2.00.
- 15067 568. Dual formulation of thin shell theory [with list of references]; by Z. M. Elias. Sept. 1966. cover title, [1]+30 p. il. 4° [Prepared under grant NGR 22-009-059 by Massachusetts Institute of Technology, Cambridge, Mass.] Φ Paper, \$2.00.
- 15068 570. Physiologic observations on race car drivers; by Vincent P. Collins. Sept. 1966. cover title, x+114 p. il. 4° [Prepared under grant NsG-730 by Baylor University, Houston, Tex.] Φ Paper, \$3.00.
L.C. card 66-62503
- 15069 572. Axisymmetric response of cylindrical and hemispherical shells to time-dependent loading [with bibliographies]; by James Ting-Shun Wang, Wolfram Stadler, and Chi-wen Lin. Sept. 1966. cover title, iii+33 p. il. 4° [Prepared under grant NsG-571 by Georgia Institute of Technology, Atlanta, Ga.] Φ Paper, \$2.00.
- 15070 573. Some preliminary design studies for very large orbiting radiotelescope [with list of references]; by W. M. Robbins, jr. Sept. 1966. cover title, vii+42 p. il. 4° [Prepared under contract NASw-652 by Astro Research Corporation, Santa Barbara, Calif.] Φ Paper, \$2.00.
L.C. card 66-62564
- 15071 574. On use of filament wound toroids as pneumatic shock absorbers [with list of references]; by Richard H. MacNeal and Julius Loisch. Sept. 1966. cover title, viii+43 p. il. 4° [Prepared under contract NASw-652 by Astro Research Corporation, Santa Barbara, Calif.] Φ Paper, \$2.00.
- 15072 579. Application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft [with list of references]; by Richard J. Wasicko. Sept. 1966. NAS 2-1868 by Systems Technology, Inc., Hawthorne, Calif.] Φ Paper, \$2.50.
- 15073 582. Contribution to micromechanics of composite materials, stresses and failure mechanisms induced by inclusions [with list of references]; by H. Schuerch. Sept. 1966. cover title, xiv+55 p. il. 4° [Prepared under contract NAS 7-427 by Astro Research Corporation, Santa Barbara, Calif.] Φ Paper, \$2.50.
- 15074 583. Study of perturbed periodic systems of differential equations, stroboscopic method [with bibliography]; by C. M. Petty [and others]. Sept. 1966. cover title, iii+55 p. 4° [Prepared under contract NAS 7-382 by Lockheed Aircraft Corporation, Palo Alto, Calif.] Φ Paper, \$2.50.

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 65

NASA contractor report CR (series)—Continued

- 15075 590. Transistor design effects on radiation resistance [with list of references]; by V. R. Honnold, G. D. Thomas, and C. C. Berggren. Sept. 1966. cover title, vi+67 p. il. 4° [Prepared under contract NAS 1-4595 by Hughes Aircraft Company, Fullerton, Calif.] Φ Paper, \$2.50.
- 15076 591. Analysis of vaporization of liquid uranium, metal and carbon systems at 9000° and 10,000° R [with list of references]; by L. Kaufman and E. T. Peters. Sept. 1966. cover title, v+44 p. il. 4° [Prepared under contract NAS 3-8036 by Manlabs, Inc., Cambridge, Mass.] Φ Paper, \$2.00.
- 15077 596. Estimates of nonequilibrium ionization phenomena in inviscid Apollo plasma sheath [with list of references]; by M. G. Dunn [and others]. Sept. 1966. cover title, x+56 p. il. 4° [Prepared under contract NAS 5-3976 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y. Presented at 3d Symposium on Plasma Sheath, Plasma Electromagnetics and Hypersonic Flight, sponsored by Air Force Cambridge Research Laboratories, Boston, Mass., Sept. 21-23, 1965.] Φ Paper, \$2.50.

NASA EP (series).

- 15078 40. Communications satellites. [1966.] cover title, 16 p. il. 4° [Text on p. 3 of cover.] * Paper, 15c. ● Item S30-G
L.C. card 66-62554 NAS 1.19: 40

NASA SP (series).

NAS 1.21:(nos.)

- 15079 86. Medical aspects of orbiting research laboratory, Space Medicine Advisory Group study, Jan.-Aug. 1964 [with list of references; by] S. P. Vinograd. 1966. xiii+144 p. il. 4° (Scientific and Technical Information Division.) * Paper, \$1.00. ● Item S30-I
L.C. card 66-62458
- 15080 91. Significant achievements in space astronomy, 1958-1964 [with list of references]. 1966. vii+73 p. il. (Scientific and Technical Information Division.) * Paper, 45c. ● Item S30-I
L.C. card 66-62510
- 15081 109. Development of small animal payload and integration with sounding rocket [with list of references]; edited by Larry J. Early. 1966. vii+98 p. il. 4° (Scientific and Technical Information Division.) * Paper, 30c. ● Item S30-I
L.C. card 66-60024
- 15082 5020. Vibrating diaphragm pressure transducer [with list of references; prepared by J. Derwin King.]. Aug. 1966. v+27 p. il. 4° (Technology utilization report; Technology Utilization Division.) [Prepared under contract for NASA by Southwest Research Institute.] * Paper, 30c. ● Item S30-I
L.C. card 66-62455
- 15083 5021 (03). Index to NASA tech briefs Jan.-June 1966. Aug. 1966. cover title, iv+20+38 p. 4° [Supplements Cumulative index to NASA tech briefs, NASA SP-5021(02), Feb. 1966.] Φ Paper, \$1.00.
L.C. card 65-60677
- 15084 5041. NASA contributions to cardiovascular monitoring [with list of references]; by William J. Jones and Wyatt C. Simpson, Bioengineering and Biosciences Technology Department, Westinghouse Electric Corporation, Research Laboratories, Pittsburgh, Pa. 1966. vii+43 p. il. (Technical survey; Technology Utilization Division.) * Paper, 25c. ● Item S30-I
L.C. card 66-60093
- 15085 5053. Conference on Selected Technology for Petroleum Industry, Lewis Research Center, Cleveland, Ohio, Dec. 8-9, 1965 [articles, with bibliographies]. 1966. v+169 p. il. 4° (Scientific and Technical Information Division.) * Paper, \$1.25. ● Item S30-I
L.C. card 66-62504
- 15086 5055. Non-glassy inorganic fibers and composites [with list of references]; by Cameron G. Harman. Aug. 1966. v+44 p. il. 4° (Technology utilization report; Technology Utilization Division.) [Prepared under contract for NASA by Southwest Research Institute, San Antonio, Tex.] * Paper, 35c. ● Item S30-I
L.C. card 66-6251
- 15087 6008 & 6008 (01). Structural systems and program decisions, v. 1 and 2, prepared by Apollo Program Office, errata. [Sept. 6, 1966.] [3] leaves, 4° †
- 15088 6008 (01). Apollo program, Office of Manned Space Flight, structural systems and program decisions, v. 2; prepared by Apollo Program Office. [1966.] [2]+x+[267] p. il. 4° [Manuscript correction on cover and on title page changes serial designation to NASA SP-6008-01.] Φ Paper, \$3.75.
L.C. card 66-61918
- 15089 7009 (01). Lasers and masers, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles introduced into NASA information system, Feb. 1965-Apr. 1966. July 1966. vi+211+1-219 p. 4° (Scientific and Technical Information Division.) Φ Paper, \$2.50.
L.C. card 65-61783

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15090 7011 (26). Aerospace medicine and biology continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA information system during June 1966. July 1966. vi+88+101 p. 4° (Scientific and Technical Information Division.) [Compiled through cooperative efforts of Aerospace Medicine and Biology Bibliography Project of Library of Congress (L.C.) and American Institute of Aeronautics and Astronautics (AIAA).] Φ Paper, \$1.00. L.C. card 65-62677
- 15091 7017 (01). Planetary atmospheres, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA information system during period Feb. 1965-May 1966; [prepared by NASA Scientific and Technical Information Facility]. Aug. 1966. vi+73+59 p. 4° (Scientific and Technical Information Division.) Φ Paper, \$1.50. L.C. card 65-62497
- NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.] Φ Paper, each 15c. NAS 1.29: (nos.)
- 15092 66-10273. Boron-deoxidized copper withstands brazing temperatures. July 1966. [2] p. 4° ([M-FS-762.])
- 15093 66-10294. Pneumatic separator gives quick release to heavy loads. July 1966. 1 p. il. 4° (KSC-66-10.)
- 15094 66-10297. Diaphragm spring gives clutch over-center toggle effect. Aug. 1966. [2] p. il. 4° ([GSFC-499.])
- 15095 66-10316. Legibility of electroluminescent instrument panels investigated, Aug. 1966. 1 p. 4° (MSC-494, 496, 501, and 505.)
- 15096 66-10365. Diaphragm valve for corrosive and high temperature fluid flow control has unique features. Aug. 1966. [2] p. il. 4° ([Lewis-304.])
- 15097 66-10366. Hollow spherical rotors fabricated by electroplating. Aug. 1966. [2] p. il. 4° ([JPL-SC-117.])
- 15098 66-10367. Dot patterns provide reproducible flaw areas for study of adhesive bonds. Aug. 1966. 1 p. 4° (M-FS-862.)
- 15099 66-10369. Automatic protective vent has fail-safe feature. Aug. 1966. [2] p. il. 4° ([Langley-218.])
- 15100 66-10370. Portable lightweight cell provides controlled environment. Aug. 1966. [2] p. il. 4° ([MSC-648.])
- 15101 66-10371. Brazing retort manifold design concept may minimize air contamination and enhance uniform gas flow. Aug. 1966. [2] p. il. 4° ([M-FS-707.])
- 15102 66-10372. Special treatment reduces helium permeation of glass in vacuum systems. Aug. 1966. 1 p. 4° (HG-25.)
- 15103 66-10373. Bearing alloys with hexagonal crystal structures provide improved friction and wear characteristics. Aug. 1966. [2] p. 4° ([Lewis-320.])
- 15104 66-10374. Pneumatic binary encoder replaces multiple solenoid system. Aug. 1966. [2] p. il. 4° ([M-FS-665.])
- 15105 66-10375. Impact- and puncture-resistant material protects parts from damage. Aug. 1966. [2] p. il. 4° ([MSC-747.])
- 15106 66-10376. Efficient dc to dc converter eliminates large stray magnetic fields. Aug. 1966. [2] p. il. 4° ([GSFC-463.])
- 15107 66-10377. Single channel pulse-height analyzer operates in subnanosecond range. Aug. 1966. [2] p. il. 4° ([Lewis-267.])
- 15108 66-10378. Nonhazardous acid etches weld samples. Aug. 1966. 1 p. 4° (M-FS-975.)
- 15109 66-10379. Human transfer functions used to predict system performance parameters. Aug. 1966. [2] p. il. 4° ([Langley 203.])
- 15110 66-10380. Submicron holes in thin films increase sampling range of mass spectrometers. Aug. 1966. [2] p. il. 4° ([JPL-SC-097.])
- 15111 66-10381. Gas-injection valve operates at high speed. Aug. 1966. [2] p. il. 4° ([HQ-49.])
- 15112 66-10382. Feedback loop compensates for rectifier nonlinearity. Aug. 1966. [2] p. il. 4° ([M-FS-384.])
- 15113 66-10383. Gear drive automatically indexes rotary table. Aug. 1966. [2] p. il. 4° ([M-FS-753.])
- 15114 66-10384. Universal transloader moves delicate equipment without stress. Aug. 1966. [2] p. il. 4° ([MSC-654.])
- 15115 66-10385. Inflatable O-ring seal would ease closing of hatch cover plate. Aug. 1966. [2] p. il. 4° ([MSC-740.])
- 15116 66-10386. Parallel line raster eliminates ambiguities in reading timing of pulses less than 500 μ sec apart. Sept. 1966. 1 p. il. 4° ([JPL-805.])
- 15117 66-10387. Self-supported aluminum thin films produced by vacuum deposition process. Sept. 1966. 1 p. 4° (ARC-58.)
- 15118 66-10388. Auxiliary titanium sublimation pump produces ultrahigh (10⁻¹¹ torr) vacuum. Sept. 1966. [2] p. il. 4° ([Langley 212.])
- 15119 66-10389. System monitors discrete computer inputs. Aug. 1966. [2] p. il. 4° ([M-FS-1021.])
- 15120 66-10390. One-piece transparent shell improves design of helmet assembly. Aug. 1966. [2] p. il. 4° ([MSC-187.])
- 15121 66-10391. Junction connectors permit strategic placement of television cameras. Sept. 1966. [2] p. il. 4° ([KSC-66-22.])
- 15122 66-10392. Inductive system detects level of conducting fluids. Aug. 1966. [2] p. il. 4° ([Lewis-322.])

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 67

NASA tech briefs—Continued

- 15123 66-10393. Composite filter steepens rejection slopes in microwave application. Aug. 1966. [2] p. il. 4° ([GSFC-480.])
- 15124 66-10394. High pressure cryogenic liquid flow sight assembly provides streamlined flow for easy observation. Aug. 1966. [2] p. il. 4° ([Lewis-310.])
- 15125 66-10395. Composite gaskets are compatible with liquid oxygen resist compression set. Sept. 1966. 1 p. 4° (M-FS-455.)
- 15126 66-10396. Solid state detectors monitor relay contacts. Sept. 1966. [2] p. il. 4° ([JPL-785.])
- 15127 66-10397. Minimum permissible leakage resistance established for instrumentation systems. Sept. 1966. [2] p. 4° ([M-FS-848.])
- 15128 66-10398. Thin-film ferrites vapor deposited by one-step process in vacuum. Sept. 1966. [2] p. il. 4° ([MSC-259.])
- 15129 66-10399. Expandable takeup reel facilitates paper tape removal. Sept. 1966. [2] p. il. 4° ([WOO-271.])

NASA technical memorandum TM (series).

- 15130 X-1268. High-vacuum technology, testing, and measurement meeting, June 8-9, 1965, compilation of papers [with lists of references]. Aug. 1966. cover title, v+219 p. il. 4° (Lewis Research Center, Cleveland, Ohio.) Φ Paper, \$6.00
L.C. card 66-62461

NAS 1.15 : X-1268

NASA technical note TN (series).

NAS 1.14 : D-(nos.)

- 15131 D-2360. Errata. Effects of leading-edge sweep on flutter characteristics of some delta-planform surfaces at Mach number of 15.4, July 1964, by Robert C. Goetz. [Sept. 12, 1966.] [2] p. 4° Φ
- 15132 D-2366. Errata. Analog study of rotating-solid-rocket control system and its application to attitude control of space-vehicle upper stage, by A. Thomas Young and Jack E. Harris. Aug. 1964. [Sept. 12, 1966.] 2 p. 4° \dagger
- 15133 D-2838. Errata. Experimental pressure-drop investigation of nonwetting, condensing flow of mercury vapor in constant-diameter tube in 1-g and zero-gravity environments June 1965, by James A. Albers and Robert P. Macosko. [Sept. 19, 1966.] [3] leaves, il. 4° Φ
- 15134 D-3185. Errata. Condensation pressure in uniformly tapered tube in 1-g and zero-gravity environments, Jan. 1966, by James A. Albers and Robert P. Macosko. [Sept. 19, 1966.] 1 p. 4° Φ
- 15135 D-3239. Accuracy of 3 methods for determination of oxygen in potassium at concentrations less than 20 parts per million [with list of references]; by Randall F. Gahn and Louis Rosenblum. Aug. 1966. cover title, [1]+16 p. il. 4° Φ Paper, \$1.00.
- 15136 D-3316. Drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order [with lists of references]; by C. A. Wagner. Aug. 1966. cover title, iv+65 p. il. 4° Φ Paper, \$2.50.
- 15137 D-3317. Gravity potential and force field of earth through 4th order [with list of references]; by C. A. Wagner. Aug. 1966. cover title, iii+60 p. il. 4° Φ Paper, \$2.50.
- 15138 D-3354. Visual study of velocity and buoyancy effects on boiling nitrogen [with list of references]; by Robert J. Simoneau and Frederick F. Simon. Sept. 1966. cover title, [1]+21 p. il. 4° Φ Paper, \$1.00.
- 15139 D-3408. Supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle [with list of references]; by James A. Blackwell, jr. Aug. 1966. cover title, [1]+43 p. il. 4° Φ Paper, \$2.00.
- 15140 D-3409. Mechanical and physical properties of Echo II metal-polymer laminate; by C. L. Staughtitis and L. Kobren. Aug. 1966. cover title, iv+32 p. il. 4° Φ Paper, \$2.00.
- 15141 D-3413. Dynamic-model investigation of some landings and slideouts of recoverable booster [with list of references]; by William C. Thompson. Aug. 1966. cover title, [1]+20 p. il. 4° Φ Paper, \$1.00.
- 15142 D-3476. Comparison of performance of PCM and PFM telemetry systems [with list of references]; by Cyrus J. Creveling. Aug. 1966. cover title, iii+10 p. il. 4° Φ Paper, \$1.00.
- 15143 D-3489. Design procedure for weight optimization of straight finned radiators [with list of references]; by Dale W. Harris, R. J. Burian and J. J. Ketchman. Aug. 1966. cover title, iii+26 p. il. 4° Φ Paper, \$2.00.
- 15144 D-3493. Low-speed tests of 500-swept parawings applied to 0.17-scale model of manned flight vehicle [with list of references]; by Frank M. Bugg. Aug. 1966. cover title, [1]+52 p. il. 4° Φ Paper, \$3.00.
- 15145 D-3494. Error detection and correction approach to time decoding problem; by A. M. Demmerle, T. J. Karras, and P. J. McCeney. Aug. 1966. cover title, iii+17 p. il. 4° Φ Paper, \$1.00.
- 15146 D-3497. On dynamics of capillaries and existence of plasma flow in pericapillary lymph space [with list of references]; by John T. Howe and Yvonne S. Sheaffer. Aug. 1966. cover title, [1]+28 p. il. 4° Φ Paper, \$2.00.
- 15147 D-3513. Atomization of ethanol jets in combustor with oscillatory combustion-gas flow [with list of references]; by Robert D. Ingebo. July 1966. cover title, [1]+18 p. il. 4° Φ Paper, \$1.00.
- 15148 D-3516. Pressure distributions due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds [with list of references]; by K. R. Czarnecki and William J. Monta. Aug. 1966. cover title, [1]+78 p. il. 4° Φ Paper, \$3.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15149 D-3517. Roughness effects on boundary-layer transition for blunt-leading-edge plates at Mach 6 [with list of references]; by Paul F. Holloway and E. Leon Morrisette. Aug. 1966. cover title, [1]+40 p. il. 4° Φ Paper, \$2.00.
- 15150 D-3518. Determination of orbit of spacecraft with respect to object in known circular orbit [with list of references]; by Robert Scott Dunning. Aug. 1966. cover title, [1]+44 p. il. 4° Φ Paper, \$2.00.
- 15151 D-3519. Pressure drags due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds [with list of references]; by K. R. Czarnecki and William J. Monta. Aug. 1966. cover title, [1]+54 p. il. 4° Φ Paper, \$3.00.
- 15152 D-3520. Experiments on effects of atmospheric refraction and airplane accelerations on sonic-boom ground-pressure patterns [with list of references]; by Domenic J. Maglieri, David A. Hilton, and Norman J. McLeod. July 1966. cover title, [1]+32 p. il. 4° Φ Paper, \$2.00.
- 15153 D-3523. Hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings [with list of references]; by Mitchell H. Bertram. Aug. 1966. cover title, [1]+84 p. il. 4° Φ Paper, \$3.00.
- 15154 D-3524. Visual simulation of lunar orbit establishment using simplified guidance technique [with list of references]; by G. Kimball Miller, jr. and Gene W. Sparrow. Aug. 1966. cover title, [1]+34 p. il. 4° Φ Paper, \$2.00.
- 15155 D-3526. Stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations [with list of references]; by Edward M. Coates, jr. Aug. 1966. cover title, [1]+115 p. il. 4° Φ Paper, \$4.00.
- 15156 D-3538. Calculation of thermodynamic properties of arbitrary gas mixtures with modified vibrational-rotational corrections [with list of references]; by Dennis O. Allison. Aug. 1966. cover title, [1]+40 p. il. 4° Φ Paper, \$2.00.
- 15157 D-3539. Supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity [with list of references]; by Roger H. Fournier, Bernard Spencer, jr., and William A. Corlett. Aug. 1966. cover title, [1]+58 p. il. 4° Φ Paper, \$3.00.
- 15158 D-3540. Direct calculation of specific heats and related thermodynamic properties of arbitrary gas mixtures with tabulated results [with list of references]; by Perry A. Newman and Dennis O. Allison. Aug. 1966. cover title, [1]+55 p. il. 4° Φ Paper, \$2.50.
- 15159 D-3541. Longitudinal aerodynamic characteristics of tension shell entry configuration at Mach 20 [with list of references]; by Theodore R. Creel, jr. Aug. 1966. cover title, [1]+27 p. il. 4° Φ Paper, \$2.00.
- 15160 D-3542. Low-speed wind-tunnel studies relating to pitch-up on supersonic transport model with high-aspect-ratio variable-sweep wing [with list of references]; by Vernard E. Lockwood. Aug. 1966. cover title, [1]+73 p. il. 4° Φ Paper, \$3.00.
- 15161 D-3543. Thermal distortions of thin-walled paraboloidal shells [with list of references]; by Joseph E. Walz. Aug. 1966. cover title, [1]+41 p. il. 4° Φ Paper, \$2.00.
- 15162 D-3544. Static stability characteristics of cone and half-cone-pyramid configurations at Mach 6.83 [with list of references]; by Peter T. Bernot and Bruce C. Jordan. Aug. 1966. cover title, [1]+30 p. il. 4° Φ Paper, \$2.00.
- 15163 D-3549. Vibrational characteristics of sandwich panels in reduced pressure environment [with list of references]; by Clemans A. Powell, jr. and David G. Stephens. Aug. 1966. cover title, [1]+17 p. il. 4° Φ Paper, \$1.00.
- 15164 D-3550. Analysis of supersonic flow phenomena in conical nozzles by method of characteristics [with list of references]; by Linwood B. Callis. Aug. 1966. cover title, [1]+47 p. il. 4° Φ Paper, \$2.00.
- 15165 D-3552. Heat-transfer analysis of Plum Brook reactor [with list of references]; by Harry J. Reilly, Kenneth J. Baumeister, and Salvi Altomare. Aug. 1966. cover title, [1]+31 p. il. 4° Φ Paper, \$2.00.
- 15166 D-3554. Manufacture of lithium-drifted silicon surface-barrier semiconductor counters [with list of references]; by Norton Baron and Gerald A. Kaminski. Aug. 1966. cover title, [1]+22 p. il. 4° Φ Paper, \$1.00.
- 15167 D-3555. Critical mass studies with NASA zero power reactor 11: 2. Heterogeneous arrays of cylindrical voids [with list of references]; by Thomas A. Fox, Robert A. Mueller, and C. Hubbard Ford. Aug. 1966. cover title, [1]+23 p. il. 4° Φ Paper, \$1.00.
- 15168 D-3558. Low power nanosecond pulse and logic circuits using tunnel diodes; by Stephen Paull, Ciro A. Canero, and Norman M. Garrahan. Aug. 1966. cover title, iii+15 p. il. 4° Φ Paper, \$1.00.
- 15169 D-3560. Range residuals in VHF radar tracking [with list of references]; by B. Rosenbaum. Aug. 1966. cover title, iii+12 p. il. 4° Φ Paper, \$1.00.
- 15170 D-3562. Computational procedure for Vinti's accurate reference orbit with inclusion of 3d zonal harmonic [with list of references]; by N. L. Bonavito. Aug. 1966. cover title, iii+16 p. 4° Φ Paper, \$1.00.
- 15171 D-3563. Attenuation of sinusoidal disturbances in nonviscous liquid flowing in long line with distributed leakage [with list of references]; by Robert J. Blade and Carl M. Holland. Aug. 1966. cover title, [1]+26 p. il. 4° Φ Paper, \$2.00.
- 15172 D-3564. Lunar structures as deduced from Muong Nong tektites [with list of references]; by J. A. O'Keefe and I. Adler. Aug. 1966. cover title, iii+12 p. il. 4° Φ Paper, \$1.00.

NASA technical note TN (series)—Continued

- 15173 D-3566. Experimental rocket performance of Apollo storable propellants in engines with large area ratio nozzle [with list of references]; by Carl A. Ankerman and Arthur M. Trout. Aug. 1966. cover title, [1]+41 p. il. 4° Φ Paper, \$2.00.
- 15174 D-3567. Use of phase-locked-loop control for driving ultrasonic transducers [with list of references]; by L. Jack Smith. Aug. 1966. cover title, [1]+8 p. il. 4° Φ Paper, \$1.00.
- 15175 D-3568. Instrument system for determining temperature effects on maximum induction of magnetic materials [with list of references]; by Anthony C. Hoffman. Aug. 1966. cover title, [1]+12 p. il. 4° Φ Paper, \$1.00.
- 15176 D-3569. Flight parameters and vehicle performance for Project Fire flight II, launched May 22, 1965 [with list of references]; by John H. Lewis, jr., and William I. Scallion. Aug. 1966. cover title, [1]+98 p. il. 4° Φ Paper, \$2.50.
- 15177 D-3572. Magnetic field outside perfect rectangular conductors [with list of references]; by Lawrence Flax and Joseph H. Simmons. Aug. 1966. cover title, [1]+19 p. il. 4° Φ Paper, \$1.00.
- 15178 D-3573. Portran IV 2-dimensional discrete angular segmentation transport program [with list of references]; by Clayton E. Barber. Aug. 1966. cover title, [3]+185 p. il. 4° Φ Paper, \$3.25.
- 15179 D-3574. Effects of rubidium vapor on Bayard-Alpert ionization gages at pressures less than 1×10^{-6} torr [with list of references]; by Robert L. Summers. Sept. 1966. cover title, [1]+8 p. il. 4° Φ Paper, \$1.00.
- 15180 D-3575. Kinetics of fluorination of iron [with list of references]; by Patricia M. O'Donnell. Aug. 1966. cover title, [1]+12 p. il. 4° Φ Paper, \$1.00.
- 15181 D-3576. Error rate reduction of parity checked telemetry data by likelihood deletion strategy [with list of references]; by Dale R. Lumb and Frank Neuman. Aug. 1966. cover title, [3]+44 p. il. 4° Φ Paper, \$2.00.
- 15182 D-3577. Digital higher order interpolation path controller [with list of references]; by William Granville Batte. Sept. 1966. cover title, iv+85 p. il. 4° Φ Paper, \$2.50.
- 15183 D-3590. Electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites [with list of references]; by David L. McDaniels. Aug. 1966. cover title, [1]+9 p. il. 4° Φ Paper, \$1.00.
- 15184 D-3592. Use of reaction wheels and nonlinear control for satellite scanning small celestial area [with list of references]; by Frederick G. Edwards. Aug. 1966. cover title, [3]+50 p. il. 4° Φ Paper, \$2.00.
- 15185 D-3593. Friction characteristics of single-crystal and polycrystalline aluminum oxide in contact with various metals in vacuum [with list of references]; by Donald H. Buckley. Sept. 1966. cover title, [1]+16 p. il. 4° Φ Paper, \$1.00.
- 15186 D-3595. Superconducting magnetic bottle for plasma physics experiments [with list of references]; by Willard D. Coles, John C. Fakan, and James C. Laurence. Aug. 1966. cover title, [1]+13 p. il. 4° Φ Paper, \$1.00.
- 15187 D-3596. Desorption kinetics of multiple adsorbates-cesium with fluorine on molybdenum and tungsten [with list of references]; by Leonard K. Tower. Aug. 1966. cover title, [1]+35 p. il. 4° Φ Paper, \$2.00.
- 15188 D-3597. Investigation of columbium-modified NASA TAZ-8 superalloy [with list of references]; by William J. Waters and John C. Freche. Sept. 1966. cover title, [1]+30 p. il. 4° Φ Paper, \$2.00.
- 15189 D-3598. Analysis of heat-rejection characteristics of space radiator panels utilizing shared fins [with list of references]; by Mario A. Colaluca, Henry C. Haller, and Seymour Lieblein. Aug. 1966. cover title, [1]+31 p. il. 4° Φ Paper, \$2.00.
- 15190 D-3599. Friction characteristics of single crystal and polycrystalline aluminum oxide in contact in vacuum [with list of references]; by Donald H. Buckley. Sept. 1966. cover title, [1]+13 p. il. 4° Φ Paper, \$1.00.
- 15191 D-3602. Blade element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66 [with list of references]; by Max J. Miller and Donald M. Sanderoock. Sept. 1966. cover title, [1]+33 p. il. 4° Φ Paper, \$2.00.
- 15192 D-3603. Analysis and correlation of heat-transfer coefficient and friction factor data for dilute gas-solid suspensions [with list of references]; by Robert Pfeffer, Salvatore Rossetti, and Seymour Lieblein. Sept. 1966. cover title, iv+58 p. il. 4° Φ Paper, \$2.50.
- 15193 D-3604. Some practical aspects of surface temperature measurement by optical and ratio pyrometers [with list of references]; by J. Robert Branstetter. Sept. 1966. cover title, iv+67 p. il. 4° Φ Paper, \$2.50. L.C. card 66-62462
- 15194 D-3606. Finite-thrust escape from and capture into circular and elliptic orbits [with list of references]; by Edward A. Willis, jr. Sept. 1966. cover title, [1]+65 p. il. 4° Φ Paper, \$2.50.
- 15195 D-3607. Comparison of experimental and kinetically limited theoretical performance of hydrogen-fluorine propellant system [with list of references]; by David A. Bittker. Aug. 1966. cover title, [1]+17 p. il. 4° Φ Paper, \$1.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15196 D-3611. Design equations of swept frequency spectrum analyzers for in-flight vibration analysis [with list of references]; by Edward F. Miller and David L. Wright. Sept. 1966. cover title, [1]+32 p. il. 4° Φ Paper, \$2.00.
- 15197 D-3614. Radiative interactions between absorbing-emitting and flowing media with internal energy generation [with list of references]; by John R. Howell. Sept. 1966. cover title, [1]+29 p. il. 4° Φ Paper, \$2.00.
- 15198 D-3615. Effect of discontinuities in surface catalytic activity on laminar heat transfer in arc-heated nitrogen streams [with list of references]; by Robert E. Sheldahl and Ernest L. Winkler. Sept. 1966. cover title, [1]+25 p. il. 4° Φ Paper, \$1.00.
- 15199 D-3628. 5-centimeter-diameter electron-bombardment thruster with permanent magnets [with list of references]; by Joseph F. Wasserbauer. Sept. 1966. cover title, [1]+32 p. il. 4° Φ Paper, \$2.00.
- 15200 D-3629. Analysis of transient flow of hydrogen in heated passages in laminar-turbulent transition region [with list of references]; by Robert W. Leko. Sept. 1966. cover title, [1]+22 p. il. 4° Φ Paper, \$1.00.
- 15201 D-3635. Flow and pressure field analysis of parallel groove geometry for incompressible fluid with convective inertia effects [with list of references]; by John Zuk, Lawrence P. Ludwig, and Robert L. Johnson. Sept. 1966. cover title, [1]+36 p. il. 4° Φ Paper, \$2.00.

NASA technical report R (series).

- 15202 247. System for inertial experiment pointing and attitude control [with list of references]; by Peter R. Kurzhals and Carolyn Grantham. Aug. 1966. cover title, [1]+65 p. il. 4° Φ Paper, \$2.50 NAS 1.12:247

NASA technical translation TT (series).

- 15203 F-373. Automatic regulation and control, selected parts [with lists of references]; by B. I. Andreychikov, et al. July 1966. cover title, ix+383 p. il. 4° [Reports presented at 7th Conference of Young Scientists of Institute of Automation and Remote Control of Academy of Sciences USSR, held in Mar. 1960 [From Izdatel'stvo Akademii Nauk SSSR, 1962.] Φ Paper, \$7.00. NAS 1.13/2: F-373

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept.
Washington, D.C. 20250Library lists. \dagger

A 17.17: (nos.)

- 15204 25. Available bibliographies and lists. [Revised edition.] Aug. 1966. [2] p. 4° L.C. list Agr 46-109
- 15205 83. Soybean processing and utilization, selected list of references, 1955-65. Aug. 1966. cover title, iv+183 p. 4° \bullet Item 95-A L.C. card Agr 66-277

NATIONAL BUREAU OF STANDARDS, Commerce Dept.
Washington, D.C. 20235Monographs. \bullet Item 247-A

C 13.144: (nos.)

- 15206 25. Standard X-ray diffraction powder patterns: sec. 4 [Data for 103 substances, with lists of references; by] Howard E. Swanson, Marlene C. Morris, and Eloise H. Evans. June 28, 1966. iv+83 p. il. 4° [Includes cumulative index to Circular 539, v. 1-10, and Monograph 25, sec. 1-4.] * Paper, 53c. L.C. card 53-61386
- 15207 96. Electrical parameters of precision, coaxial, air-dielectric transmission lines. Robert E. Nelson and Marlene R. Coryell, errata. July 25, 1966. 1 p. 4° \dagger L.C. card 66-60053

Review of selected U.S. Government research and development reports OTR (series). (Clearinghouse for Federal Scientific and Technical Information.)

- 15208 139. Flexible, transparent packaging materials. July 1966. 20 p. Φ L.C. card 66-62518 C 13.49:139

Technical notes. \bullet Item 249-A

C 13.46: (nos.)

- 15209 277. Analytical Mass Spectrometry Section, instrumentation and procedures for isotopic analysis; edited by William R. Shields. July 25, 1966. vii+99 p. il. 4° * Paper, 60c. L.C. card 66-62505
- 15210 341. Long-term performance of 2 rubidium vapor frequency standards [with list of references; by] B. E. Blair and A. H. Morgan. June 22, 1966. iv+31 p. il. 4° * Paper, 25c.
- 15211 342. Hydromagnetic wave propagation near 1 c/s in upper atmosphere and properties and interpretation of Pc 1 micropulsations [with list of references; by] John A. Dawson. June 30, 1966. v+66 p. il. 4° * Paper, 40c.

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

\bullet Sent to Depository Libraries

Page 71

GOVERNMENT PUBLICATIONS

NATIONAL CAPITAL PLANNING COMMISSION
Washington, D.C. 20576

- 15212 Problems of housing people in Washington, D.C., synopsis of findings, special report to community. July 1966. [10]+126 p. il. 4° [Includes bibliography of sources on population and housing in District of Columbia.] † ● Item 831-A
L.C. card 66-62088 NC 2.2: H 81

NATIONAL CAPITAL REGIONAL PLANNING COUNCIL
Washington, D.C. 20576

- 15213 Regional development guide, 1966-2000. [1966.] [2] p. il. f°, folded into oblong 48° size. [One illustration is colored.] † ● Item 831-A
NC 3.8: D 49

NATIONAL COMMISSION ON FOOD MARKETING
Washington, D.C. 20407

NOTE.—The National Commission on Food Marketing was established by Public Law 88-354, approved July 3, 1964.

Technical studies. ● Item 1070-G

Y 3.N 21/22: 9/(nos.)

- 15214 1. Organization and competition in livestock and meat industry. June 1966. v+189 p. il. * Paper, 55c.
L.C. card 66-62566
- 15215 4. Organization and competition in fruit and vegetable industry. June 1966. vi+[1]+392 p. il. * Paper, \$1.25.
L.C. card 66-62567
- 15216 6. Studies of organization and competition in grocery manufacturing; [prepared by Louis W. Stern, assisted by Thomas J. Hogan]. June 1966. v+270 p. il. * Paper, 75c.
L.C. card 66-62506
- 15217 7. Organization and competition in food retailing, supp. 2, Miscellaneous statistical data on food retailing. June 1966. [6]+40+[2] p. 4° [Publication reads Technical report 7.] †
- 15128 10. Special studies in food marketing: Private label products in food retailing [prepared by David L. Call]; Retail food prices in low and higher income areas; [and] Notes on economic regulation. June 1966. vii+299 p. * Paper, 65c.
L.C. card 66-62508

NATIONAL LIBRARY OF MEDICINE, Health, Education, and
Welfare Dept., Bethesda, Md. 20014

- 15219 Bibliography of medical translations, July-Dec. 1964, quarterly supplements 9 & 10. 1966. [205] p. 4° [Listing of translations by broad subject area selected from Technical translations, semimonthly compilation published by Clearinghouse for Federal Scientific and Technical Information, Department of Commerce, Springfield, Va.] * Paper, \$1.25. ● Item 508-F
L.C. card 63-61052 FS 2.209: T 68/supp. 9, 10

NATIONAL PARK SERVICE, Interior Dept.
Washington, D.C. 20242

- 15220 Chalmette National Historical Park, La., commemorating Battle of New Orleans. [Revised 1966.] [1966.] [12] p. il. narrow 8° † ● Item 650
I 29.21: C 35/966
- 15221 Fire Island. [Apr. 1966.] [6] p. il. (with map on verso) folded into oblong 32° ([NRA-FI-17000.]) * Paper, 10c. ● Item 651
I 29.6/2: F 51
- 15222 George Washington Memorial Parkway, Mount Vernon section. [Revised 1966.] [1966.] 1 sheet (with map on verso) il. narrow f° folded into narrow 8° size. † ● Item 651
I 29.6: G 29/3/966
- 15223 Gettysburg National Military Park, Pa. [Revised 1966.] [1966.] [14] p. il. narrow 8° * Paper, 10c. ● Item 650
I 29.21: G 33/4/966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15224 Welcome to Washington. [1966.] [12] p. il. narrow 8° † ● Item 648
I 29.2: W 27/5
- 15225 Whitman Mission National Historic Site, Wash. [Revised 1966.] [1966.]
[10] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21: W 59/966

NATIONAL RAILROAD ADJUSTMENT BOARD
Washington, D.C. 20572

- 15226 Awards of 2d division, National Railroad Adjustment Board, with index, v. 43, June 14-July 31, 1963, awards 4221-90 inclusive, interpretation nos. 53-56. Keenan Printing Company, Chicago, Ill. [1966.] v+950 p. † National Railroad Adjustment Board, Chicago, Ill. 60604. (Price upon application.)
L.C. card 37-26860 RA 1.8: 43
- 15227 Awards 12761-820, 3d division, v. 136. Keenan Printing Company, Chicago, Ill. [1966.] [1]+983 p. † National Railroad Adjustment Board, 220 South State Street, Chicago, Ill. 60604. (Price upon application.)
L.C. card 36-26212 RA 1.9: 136
- 15228 Awards 12821-915, 3d division, v. 137. Keenan Printing Company, Chicago, Ill. [1966.] [1]+1025 p. † National Railroad Adjustment Board, 220 South State Street, Chicago, Ill. 60604. (Price upon application.)
L.C. card 36-26212 RA 1.9: 137

NAVAL OBSERVATORY, Defense Dept.
Washington, D.C. 20350

- 15229 Air almanac, 1967, Jan.-Apr. 1966. p. 1-242+F4+AS2 p. il. 4° [Text on p. 2-4 of cover. The F4 pages of collation consists of Navigational star chart mounted on cloth, with Stars, Jan.-Apr. 1967, Interpolation of G.H.A., Interpolation of moonrise, moonset, and Star index on verso. Produced jointly by H. M. Nautical Almanac Office, Royal Greenwich Observatory, and by Nautical Almanac Office, U.S. Naval Observatory. Printed separately in England and United States.] * Stiffboard, \$3.25.
● Item 573
L.C. card 52-61239 D 213.7: 967/1

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.
Washington, D.C. 20390

- 15230 Annual report of commander, Naval Oceanographic Office, fiscal year 1965. [1966.] cover title, iv+64 p. il. 1 pl. * Paper, 40c. ● Item 377-A (Rev. 1964.)
L.C. card 8-12043 D 203.1: 965

National Oceanographic Data Center publications: General series.

- D 203.24: (nos.)
- 15231 G-6. Atlas of bathythermograph data: Indian Ocean. 1966. 129+[1] p. il. f° [Text on p. 2 of cover. [Issued in looseleaf form.] † Paper, \$5.00.
L.C. card 66-62521
- 15232 G-10. Selection IIOE track charts, automatically produced, based on data of International Indian Ocean Expedition; [compiled by James Churgin and Rudl Saenger]. 1966. v+49+[1] p. il. 4° [Includes all cruises processed at NODC as of Mar. 1966.] † Paper, 70c.
- Publications. ● Item 378 (Rev. 1957.) D 203.22: (nos.)
- 15233 44. Change 8, Mar. 5, 1966, loose leaf change pages for correcting Sailing directions for Baltic, v. 3, 3d edition, 1952. [1966.] [128] p. il. 4° [Formerly no. 143. Includes list of effective pages.] † Paper, 35c.
- 15234 52. Change 9, Feb. 12, 1966, loose leaf change pages for correcting Sailing directions for Mediterranean, v. 1, 4th edition, 1952. [1966.] [133] p. il. 4° [Formerly 151, includes list of effective pages.] † Paper, 35c.
- 15235 54. Change 10, June 4, 1966, loose leaf change pages for correcting Sailing directions for Mediterranean, v. 3, 3d edition, 1951. [1966.] [91] p. il. 4° [Formerly 153. Includes list of effective pages.] † Paper, 35c.
- 15236 95. Change 10, Jan. 22, 1966, loose leaf change pages for correcting Sailing directions for Japan, v. 2, southern part, 2d edition, 1951. [1966.] [235] p. il. 4° [Formerly 123 B. Includes list of effective pages.] † Paper, 35c.

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Publications—Continued

- 15237 111A. Change 12, Aug. 6, 1966, List of lights and fog signals, Greenland, east coasts of North and South America (excluding continental U.S.A. except east coast of Florida) and West Indies. 1966. [158] p. 4° [Includes list of effective pages and Notice to mariners 32, 1966. Issued in looseleaf form.] † Paper, 50c.
- 15238 117A. Change 11, radio navigational aids. Atlantic and Mediterranean area. 1966. [123] p. il. 4° [Includes list of effective pages and Notice to mariners 32, 1966. Issued in looseleaf form.] † Paper, 50c.

Special publication SP (series). †

- 15239 35. Glossary of oceanographic terms [with list of sources]; edited by B. B. Baker, jr., W. R. Deebel, [and] R. D. Geisenderfer. 2d edition, 1966. [1966.] vi+204 p. il. 4° [Includes list of Oceanographic institutions, agencies, activities, and groups. [Errata 1 p. oblong 32°, also issued] * Cloth, \$2.25. ● Item 377-C
L.C. card 66-62513

D 203.22/3 : 35

NAVAL OPERATIONS OFFICE, Defense Dept. Washington, D.C. 20350

- 15240 John Paul Jones, commemoration at Annapolis, Apr. 24, 1906; compiled by Charles W. Stewart. 1907, reprinted 1966. [3]+210 p. 34 pl. large 8° * Cloth, \$3.00. ● Item 399-A

D 207.10/2 : J 71

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, D.C. 20390

- 15241 Aviation machinist's mate J 1 & C [with reading list; prepared by Navy Training Publications Center.] [1966 edition]. [1966.] cover title, iv+283 p. il. 4° (Navy training course, NAVPERS 10343-A.) [Some illustrations are colored.] † ● Item 404
L.C. card 66-62365

D 208.11 : Av 5/32/966

- 15242 Commissaryman 3 & 2 [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity.] ([Original edition 1948, revised 1966.]) [1966.] cover title, iv+218 p. il. 4° (Navy training course, NAVPERS 10279-D.) * Paper, \$1.25. ● Item 404
L.C. card 63-61576

D 208.11 : C 73/2/966

- 15243 Construction electrician 1 & C [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1951, revised 1966.] [1966.] cover title, v+316 p. il. 4° (Navy training course; NAVPERS 10637-C.) * Paper, \$1.75. ● Item 404
L.C. card 66-62439

D 208.11 : El 2/8/966

- 15244 Cross reference index of transparencies for Fundamentals of electronics. May 1966. cover title, i+31 p. 4° (NavPers 93536, S/N 0500-947-0000.) [For use of instructor in identifying transparencies with volume and figure numbers of NavPers 93400A.] † ● Item 404

D 208.11/2 : El 2/9/trans.ind.

- 15245 Dental administration, Change 1, Apr. 7, 1966 [with bibliographies; prepared by Publications Department, Naval Dental School, National Naval Medical Center]. [1966.] [341] p. il. 4° (NavPers 10483.) [Prepared under supervision of Bureau of Medicine and Surgery. Issued in looseleaf form.] † ● Item 403-A

D 208.6/3 : D 43/2/ch.1

- 15246 Equipment operator 1 & C [with reading list; prepared by Training Publication Division, Naval Personnel Program Support Activity]. [Original edition 1949, revised 1966.] [1966.] cover title, v+273 p. 3 pl. 4° (Navy training course; NAVPERS 10641-E.) † ● Item 404
L.C. card 66-62367

D 208.11 : Eq 5/2/966

- 15247 Manual for messes ashore, 1962, Change 4. May 24, 1966. vii+[52] p. 4° (NAVPERS 15951.) [Includes list of effective sheets. Issued in loose leaf form.] † ● Item 403-A

D 208.6/3 : M 56/ch. 4

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15248 Principles of guided missiles and nuclear weapons [with bibliographies; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1959, revised 1966.] 1966. cover title, iii+366 p. il. 4° (NAVPERS 10784-A.) * Paper, \$2.00. ● Item 404
L.C. card 66-62366 D 208.11/2: M 69/2/966

- 15249 Trainee's guide for electronics technician: Class C, TACAN systems course, 7 weeks. Apr. 1966. xv+376 p. il. 4° (NAVPERS 93249.) [Issued in looseleaf form in binder.] ‡ ● Item 403-A D 208.6/3: E1 2/2

NAVAL RESEARCH OFFICE, Defense Dept.
Washington, D.C. 20390

Naval Training Device Center, Port Washington, N.Y.: Technical report NAVTRADEVCCEN (series).

- 15250 1614-1. Study, assessment of pilot proficiency [with list of references; by] Hugh M. Bowen [and others]. Aug. 1966. cover title, vii+128+[2] p. il. 4° (Dunlap & Associates, Inc., Darien, Conn., contract N61339-1614.) [Text on p. 2 of cover. Abstract cards inserted.] ‡
D 210.14: 1614-1
- 15251 IH-56. Physiological correlates of learning and overlearning [with list of references; by] John L. Andreassi and Patricia M. Whalen. June 1966. cover title, v+22+[4] p. il. 4° [Text on p. 2 of cover.] ‡
D 210.14: IH-56

NRL report. (Naval Research Laboratory).

- 15252 6350. Adhesion of ice to hydrophobic surfaces [with list of references; by] W. D. Bascom [and others]. Jan. 14, 1966. cover title, i+26+[4] p. il. 4° (NRL problems C02-14 and C02-09, project BuShips SF 013-99-02-0519 and ONR RR 001-01-43-4750.) ‡ Paper, \$2.60 (AD 628278).
D 210.8: 6350

OUTDOOR RECREATION BUREAU, Interior Dept.
Washington, D.C. 20240

- 15253 Bureau of Outdoor Recreation [grants-in-aid] manual [amdt. 2]. [1966.] [13] p. 4° (Release no. 640-4.) [Issued in looseleaf form.] * Paper, \$4.00 (including basic manual and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 657-B-3
I 66.8/2: 965/amdt. 2
- 15254 Evolution of outdoor recreation policy, remarks of Edward C. Crafts, director, Bureau of Outdoor Recreation, Department of Interior, at national conference on policy issues in outdoor recreation, Logan, Utah, Sept. 6, 1966. [1966.] 12 p. 4° ‡
I 66.9: C 84/25
- 15255 Expanding America's outdoor recreation estate, land water conservation fund's first year and half. State and local projects, anticipated use by activity of 49,987 acres acquired with land and water conservation fund assistance, cumulative to June 30, 1966. [1966.] cover title, 4+[13] p. il. 4° ‡
I 66.2: L 22/2/966

PATENT OFFICE, Commerce Dept.
Washington, D.C. 20231

- 15256 Patent Office and technological progress, text of address by Edward J. Brenner, Commissioner of Patents, for delivery before joint meeting of American Chemical Society Committees on Patent Matters and Patent Legislation and Professional Relations and Status, New York, N.Y., Sept. 13, 1966. 1966. 8 p. 4° ‡
C 21.20: B 75/10
- 15257 Patent & inventions, information aid for inventors, step-by-step guide to help inventor, decide whether to apply for patent, obtain patent protection, promote his invention. [1966.] cover title, iii+26 p. * Paper, 15c. ● Item 254
L.C. card 64-65511 C 21.2: P 27/10/966

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

POST OFFICE DEPARTMENT

Washington, D.C. 20260

- 15258 Address by Postmaster General Lawrence F. O'Brien at last day ceremony for Marine Corps Reserve stamp, Iwo Jima Memorial, Arlington, Va., Aug. 29, 1966. 1966. 7 leaves, 4° (Information Service, General release 104.) † P 1.27: Ob 6/13
- 15259 [Commemorative stamp poster]: 5-cent Beautification of America, commemorative postage stamp available at your local post office Oct. 6, 1966. 1966. 10.5×8 in. P 1.26/2: B 38
- 15260 — 5-cent Johnny Appleseed commemorative postage stamp available at your local post office Sept. 26, 1966. 1966. 10.5×8 in. P 1.26/2: Ap 5
- NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

PRESIDENT OF UNITED STATES

Washington, D.C. 20501

- 15261 The center of our society, the American city [remarks of President Lyndon B. Johnson at Syracuse, N.Y., Aug. 19, 1966]. [1966.] cover title, 8 p. il. [Published by Housing and Urban Development Department.] † ● Item 850 Pr 36.2: C 49
- 15262 President's Commission on Crime in District of Columbia, report on Metropolitan Police Department. 1966. vi+95 p. * Paper, 35c. ● Item 851-J L.C. card 66-62275 Pr 36.8: C 86/P 75

PRISONS BUREAU, Justice Dept.

Washington, D.C. 20537

National prisoner statistics, NPS bulletin.

- 15263 39. Executions, 1930-65. June 1966. [1]+14 p. il. 4° † J 16.23: 39

PUBLIC DOCUMENTS DIVISION, Government Printing Office

Washington, D.C. 20402

- 15264 List of classes of United States Government publications available for selection by depository libraries. Revised July 1, 1966. [1966.] 25 p. 4° † ● All depositories. GP 3.24: 966
- Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 15265 10. Laws, rules and regulations; June 1966. 51st edition. [1966.] [2]+46 p. L.C. card 26-26488
- 15266 79. Aviation, civil aviation, naval aviation, Air Force; July 1966. 14th edition. [1966.] [2]+23 p. L.C. card 49-46782

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.

Washington, D.C. 20201

- 15267 A & E guide, guidelines for architectural-engineering documents for health research facilities construction grants. [July 1, 1966.] [1]+iii+52 p. 4° (National Institutes of Health.) [Subject to modification. Supersedes all other editions.] † Office of Architecture and Engineering, Division of Research Facilities and Resources, National Institutes of Health, Bethesda, Md. 20014 ● Item 507-H FS 2.22/15: Ar 2/966
- 15268 Activities report, fiscal year, 1966. [1966.] cover title, [1]+34 p. 4° (National Center for Health Statistics.) † ● Item 508-A-1. L.C. card 66-62449 FS 2.101: 966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15269 Adhesive restorative dental materials, 2, Proceedings of workshop held at University of Virginia, Charlotte, Va., Dec. 8 and 9, 1965, supported by Bio-Materials Research Advisory Committee and by National Institute of Dental Research, National Institutes of Health, Bethesda, Md. [with lists of references]. [1966.] xi+293 p. il. ([Publication 1494.]) * Paper, \$1.00. ● Item 507 FS 2.22: D 43/S
- 15270 Air pollution, clubwomen accept the challenge, [address] by Thomas F. Williams, Chief, Information and Education Office, Division of Air Pollution, presented at 75th annual meeting of General Federation of Women's Clubs, Chicago, [Ill.], June 9, 1966. [1966.] [2]+17 p. † FS 2.30: W 67/4
- 15271 Air pollution, time for action [address by William H. Stewart, Surgeon General, Public Health Service, presented at 59th annual meeting of Air Pollution Control Association, San Francisco, Calif., June 20, 1966]. [1966.] [2]+14 p. † FS 2.30: St. 4/3
- 15272 Bibliography of selected publications on environmental engineering and food protection. 2d edition. Aug. 1966. [3]+17 p. 4° (Publication 1499; Division of Environmental Engineering and Food Protection.) † ● Item 481-A FS 2.24: En 8/2
- 15273 Career in administration at National Institutes of Health. [1966.] [32] p. il. 4° ([Publication 1446.]) * Paper, 45c. ● Item 507 FS 2.22: Ad 6
- 15274 Community odor surveys and evaluation [paper, with list of references], by Joseph J. Sableski, Technical Assistant Branch, Division of Air Pollution, [Public Health Service, Department of Health Education, and Welfare], Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio. [1966.] [1]+12+[12] leaves, il. 4° [Presented at Mid-Atlantic States Section Meeting, Air Pollution Control Association, Wilmington, Del., Nov. 1965.] † FS 2.30: Sa 1
- 15275 Comparative method for studying costs of air pollution [with list of references; by] Irving Michelson and Boris Tourin. [1966.] p. 505-511. 4° [Reprinted from Public Health Reports, v. 81, no. 6, June 1966.] † FS 2.7/a: Ai 71/4
- Environmental health series: Food protection. (Division of Environmental Engineering and Food Protection, Shellfish Sanitation Branch.)
- 15276 FP-6 1965 proceedings, Northwest Shellfish Sanitation Research Planning Conference [with lists of references; by] W. J. Beck and J. C. Hoff. 1966. [2]+III+112 p. il. 4° ([Publication 999-FP-6.]) † ● Item 483-F FS 2.300: FP-6
L.C. card 66-60430
- Radiological health. (Division of Radiological Health.)
- 15277 RH-19. Soil and sediment analysis, preparation of samples for environmental radiation, surveillance: pt. 1, Preparation of soil samples, laboratory techniques [with list of references by], John H. Abrahams, jr.; pt. 2, Ultrasonic dispersion of sediments for size fraction radioanalysis [with list of references; by], Raymond H. Johnson, jr. [and] John H. Abrahams, jr. [June 1966.] vii+26 p. il. ([Publication 999-RH-19.]) [Abstract cards attached to back cover.] † Public Inquiry Branch. ● Item 483-F FS 2.300: RH-19
L.C. card 66-60070
- 15278 Fabrication of single service containers and closures for milk and milk products, guide for sanitation standards, 1966 [with list of references]. [1966.] iii+9 p. ([Publication 1465]; Division of Environmental Engineering and Food Protection, Milk and Food Branch.) * Paper, 15c. ● Item 496-A FS 2.6/2: M 59/3
L.C. card 66-62239
- Health information series. ● Item 486 FS 2.50: (nos.)
- 15279 38. Chickenpox. [Revised June 1966.] [1966.] [4] p. narrow 8° ([Publication 173.]) * Paper, \$2.00 per 100; single copy 5c.
- 15280 49. Amebiasis. [Revised 1966.] [1966.] 6 p. narrow 8° ([Publication 157.]) * Paper, \$2.50 per 100; single copy, 5c.
- 15281 82. Hepatitis. [Revised 1966.] [1966.] [4] p. narrow 8° ([Publication 446.]) * Paper, \$2.00 per 100; single copy, 5c.

GOVERNMENT PUBLICATIONS

Hospital and medical facilities series (under Hill-Burton program) : Category C, Organization and administration. (Division of Hospital and Medical Facilities.) ● Item 486-D

- 15282 C-12. Administrative aspects of hospital central medical and surgical supply services [articles, with lists of references; by Marie M. Lech and others]. [Mar. 1966.] vii+37 p. il. 4° ([Publication 930-C-12.]) * Paper, 30c.
L.C. card 66-62520 FS 2.74/3 : C-12

—Category F, Reports, analysis. (Division of Hospital and Medical Facilities, Program Planning and Analysis Branch.) ● Item 486-D
L.C. card 56-4525

- 15283 F-7. Proceedings, 1965 conference Hill-Burton and mental retardation construction authorities with Surgeon General, Oct. 14-15, 1965, Chicago, Ill. [Apr. 1966.] vi+52 p. il. 4° ([Publication 930-F-7.]) * Paper, 40c.
FS 2.74/3 : F-7

- 15284 Indian health highlights; [by the staff, Office of Program Planning and Evaluation, Program Analysis and Statistics Branch]. 1966 edition. June 1966. xxii+65 p. il. 4° (Bureau of Medical Services; Division Indian Health.) † ● Item 485
L.C. card 59-62420 FS 2.2 : In 25/9/965

- 15285 Inventory of interstate carrier water supplies by States and Public Health Service regions, Aug. 1966. [1966.] [40] p. oblong 12° ([Publication 1116]; Division of Environmental Engineering and Food Protection.) [Supersedes inventory of July 1963.] † ● Item 485
L.C. card 66-62457 FS 2.2 : C 23/966

- 15286 List of health information leaflets and pamphlets of Public Health Service [Revised July 1966.] [1966.] [10] p. narrow 8° † ● Item 481-A
FS 2.24 : In 3/966-2

- 15287 Medical rehabilitation, new program activity of Public Health Service. [June 1966.] [4] p. narrow 8° ([Publication 1492; Division of Chronic Diseases.]) † ● Item 485
FS 2.2 : R 26/4

- 15288 Mental health research grant awards, fiscal year 1965; prepared by Program Analysis Section, Research Grants Branch, National Institute of Mental Health. [1966.] v+64 p. (Publication 1346, pt. 1, supp. A.) * Paper, 25c. ● Item 507-D
L.C. card 66-61738 FS 2.22/7 : 965/pt. 1/supp. A

National Cancer Institute monograph. ● Item 507-L

- 15289 21. Development of zonal centrifuges and ancillary systems for tissue fractionation and analysis [articles, with lists of references; edited by Norman G. Anderson]. June 1966. x+526+[14] p. il. large 8° (National Cancer Institute.) [Research performed under joint National Institutes of Health-Atomic Energy Commission Zonal Centrifuge Development Program, supported by Atomic Energy Commission, National Cancer Institute, and National Institute of Allergy and Infectious Diseases.] * Cloth, \$4.75.
FS 2.22/18 : 21

- 15290 National Institute of Mental Health student research stipend program in social work, followup survey; [by] Franklin N. Arnhoff, Beatrice M. Shriver, [and] Milton Wittman. [1966.] [2]+10 p. (Publication 1463; Manpower and Training Program, National Institute of Mental Health, National Institutes of Health.) * Paper, 15c. ● Item 507
FS 2.22 : So 1/3

- 15291 National Institutes of Health almanac; prepared by Office of Research Information, NIH, Bethesda, Md. [1966.] vi+120 p. 4° † ● Item 507
L.C. card 66-62557 FS 2.22 : A 1 6/966

- 15292 Operation SAM, systems analysis module for development of comprehensive Indian health program, PHS Indian Health Center, Tucson [Tucson], Ariz. [1966.] cover title, [8] p. il. 4° (Division of Indian Health.) [Text on p. 2 of cover.] † ● Item 485
FS 2.2 : Sa 4

- 15293 Performance of positive crankcase ventilation systems on automobiles in Cincinnati, Ohio, report 2 [with list of references; by] William A Cote. Mar. 1966. [2]+7+[6] leaves, 4° †
FS 2.2 : Au 8

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15294 Proceedings, Conference on Methodological Approaches to Population Studies in Diabetes, Oct. 1-2, 1964, National Institutes of Health, Bethesda, Md., sponsored by National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, and Diabetes and Arthritis Program, Division of Chronic Diseases, Bureau of States Services, Community Health; editor, James W. Pratt. [1966.] vii+232 p. il. 4° ([Publication 1486.]) * Paper, \$1.25. ● Item 507
L.C. card 66-62228 FS 2.22 : D 54
- 15295 Proceedings of 4th annual conference, Mental health career development program, Mar. 27-30, 1965, New Orleans, La. [1966.] iv+86 p. il. 4° ([Publication 1450.]) † ● Item 507-A-7 FS 2.22/45 : 965
- 15296 Proceedings of Public Health Service cooperative studies: Renal disease and hypertension, v. 3, 5th annual conferences, May 1966, Atlantic City, N.J. and Baltimore, Md. [1966.] x+165 p. 4° (Bureau of Medical Services, Division of Hospitals.) † ● Item 485 FS 2.2 : R 29/2/v. 3
- 15297 Proceedings of workshop on television ophthalmoscopy, sponsored by section on Ophthalmic Field and developmental Research, Epidemiology Branch, National Institute of Neurological Diseases and Blindness; edited by G. R. Williams, J. T. Schwartz. [1966.] viii+150 p. il. 4° ([Publication 1490.]) [Title on cover is: Television ophthalmoscopy, proceedings of NINDB workshop 1965.] * Paper, \$1.00. ● Item 507
L.C. card 66-62225 FS 2.22 : Op 2
- 15298 Procedures for testing pasteurization equipment. [1966 revision.] [1966.] [4]+58 p. il. ([Publication 731]; Division of Environmental Engineering and Food Protection, Milk and Food Branch.) * Paper, 25c. ● Item 496-A
L.C. card 66-62517 FS 2.6/2 : P 26/2
- 15299 Public Health Service film catalog 1966. [Revised Mar. 1966.] [1966.] xi+[8]+1-22f, 23-99 p. il. 4° ([Publication 776.]) [Supersedes all previous editions.] * Paper, \$1.00. ● Item 497-A
L.C. card 66-61867 FS 2.36/2 : 966
- 15300 Radiological Health Mobile Training Laboratory. [1966.] [6] p. il. narrow 8° ([Publication 1475.]) † ● Item 485 FS 2.2 : R 11/15
- Research profile. ● Item 507-A-6
- 15301 7. Summary of progress in neuromuscular disorders; [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health.] [Revised 1966.] 1966. v+11 p. il. ([Publication 1159.]) [Included in annual statement made to Congress of United States by Director of National Institute of Neurological Diseases and Blindness.] * Paper, 15c.
L.C. card 66-60544 FS 2.22/43 : 7/3
- 15302 School health program, outline for school and community. [Revised Aug. 1966.] [1966.] 8 p. narrow 8° ([Publication 834.]) [Prepared in cooperation with Children's Bureau and Office of Education.] * Paper, 5c. ● Item 485 FS 2.2 : Sch 6/2/966
- 15303 Survey of general hospitals admitting psychiatric patients; by Raymond Giesler, Peter L. Hurley, Philip H. Person, Jr. [1966.] [2]+12 p. 4° ([Publication 1462]; National Institutes of Health, National Institute of Mental Health.) [Published by National Clearinghouse for Mental Health Information.] * Paper, 15c. ● Item 507
L.C. card 66-62500 FS 2.22 : P 95/15
- 15304 [This entry number not used.]
- Vital and health statistics: Series 2, Data evaluation and methods research. (National Center for Health Statistics.) ● Item 500-E
- 15305 18. Interview response on health insurance compared with insurance records, United States, 1960. Aug. 1966. [4]+43 p. 4° ([Publication 1000, series, 2, no. 18.]) * Paper, 35c.
L.C. card 66-60071 FS 2.85/2 : 2/no. 18

4For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 79

Vital and health statistics: Series 10, Data from National Health Survey.
(National Center for Health Statistics.) ● Item 500-E

- 15306 31. Proportion of surgical bill paid by insurance, surgical patients discharged from short-stay hospitals, United States, July 1963-June 1964; [by Mary M. Hannaford]. Sept. 1966. [4]+40 p. il. 4° ([Publication 1000, series 10, no. 31; Division of Health Interview Statistics.]) * Paper, 35c
L.C. card 66-61301 FS 2.85/2: 10/no. 31

— Series 11, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E FS 2.85/2: 11/no. (nos.)

- 15307 15. Prevalence of osteoarthritis in adults by age, sex, race, and geographic area, United States, 1960-62 [with list of references; by Jean Roberts and Thomas A. Burch]. June 1966. [4]+27 p. il. 4° ([Publication 1000, series 11, no. 15; Division of Health Examination Statistics.]) * Paper, 25c.
L.C. card 66-60077
- 15308 17. Rheumatoid arthritis in adults, United States, 1960-62 [with list of references; by Arnold Engel, Jean Roberts, and Thomas A. Burch]. Sept. 1966. [4]+43 p. il. 4° ([Publication 1000, series 11, no. 17.]) * Paper, 35c.
L.C. card 66-60079
- 15309 18. Blood glucose levels in adults, United States, 1960-62 [with list of references; by Caroline C. Garst]. Sept. 1966. [4]+25 p. 4° ([Publication 1000, series 11, no. 18; Division of Health Examination Statistics.]) * Paper, 25c.
L.C. card 66-61303

— Series 12, Data from National Health Survey. (National Center for Health Statistics.) Item 500-E

- 15310 5. Employees in nursing and personal care homes, United States, May-June 1964 [with list of references; by Carl A. Taubel]. Sept. 1966. [4]+24 p. il. 4° ([Publication 1000, series 12, no. 5, Division of Health Records Statistics.]) * Paper, 30c.
L.C. card 66-61304 FS 2.85/2: 12/no. 5
- 15311 We can help clear the air, Jaycee community action program. [1966.] [2] p. il. 4° [Reprinted with permission from Junior Chamber of Commerce publication, ACTION of May-June 1966.] † FS 2.2: Ai 7/40
- 15312 Working with older people, guide to practice; v. 1, Practitioner and the elderly [with lists of references]; prepared by Gerontological Society, St. Louis, Mo., [Aug. 1966.] [12]+52 p. ([Publication 1459, v. 1]; Division of Chronic Diseases, Gerontology Branch.) [Prepared under contract PII 86-63-184. Text on p. 2 of cover.] * Paper, 40c. ● Item 496-A
L.C. card 66-62516 FS 2.6/2: 01 1/v. 1

PUBLIC ROADS BUREAU, Commerce Dept.
Washington, D.C. 20235

- 15313 Bibliography on right-of-way acquisition [Jan. 1964], supp. 1; [compiled by Dawn E. Willis and Eugene H. Beck]. July 1966. cover title, [2]+27 p. 4° (Library.) †
L.C. card 64-61061 C 37.28: R 44/supp. 1
- 15314 Conference on improved highway engineering productivity, Columbus, Ohio, May 3-4, 1966, proceedings; sponsored by American Association of State Highway Officials, Subcommittee on Electronics, in cooperation with Department of Commerce, Bureau of Public Roads, [and] Ohio Department of Highways. [1966.] v+257 p. il. 4° † ● Item 265
L.C. card 66-62370 C 37.2: En 3/3/966
- 15315 Labor compliance manual, 2d edition, amdt. 1. Mar. 1, 1966. [160] p. 4° [Issued in looseleaf form.] * Paper, \$1.00. ● Item 265-A
L.C. card 65-62679 C 37.6/2: L 11/2/965/amdt. 1
- 15316 Remarks by Federal Highway Administrator Rex M. Whitton, prepared for delivery before Public Affairs Luncheon of Omaha Chamber of Commerce, Omaha, Nebr., Aug. 24, 1966. 1966. 8 p. 4° † C 37.21: W 61/21

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

RECLAMATION BUREAU, Interior Dept.
Washington, D.C. 20240

- 15317 Federal reclamation projects, statistical appendix to 1965 crop report and related data. [1966.] cover title, [3]+215 p. 4° (Division of Irrigation and Land Use.) † ● Item 663-A
L.C. card 53-63671 I 27.55: 965/app.

RENEGOTIATION BOARD
Washington, D.C. 20446

- 15318 [Renegotiation ruling 103 (revised) and 129, and index to Renegotiation rulings and Renegotiation bulletins; Apr. 19, 1966.] [1966.] 4+[3] p. 4° [Includes Table of citations. Issued in looseleaf form.] * Paper, 10c. ● Item 308 RnB 1.6/5: 103/2, 129

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.
Washington, D.C. 20250

- 15319 List of materials acceptable for use on systems of REA electrification borrowers. July 1966. cover title, vii+[278] p. il. 4° (REA bulletin 43-5.) [Issued in looseleaf form. Supersedes all preceding issues including revisions.] * Paper, \$1.50 a yr. (including basic issue and one semiannual supplement), 25c. additional for foreign mailing. ● Item 116-A
L.C. card 52-61393 A 68.6/2: 966

SCIENCE INFORMATION SERVICE OFFICE, National Science
Foundation, Washington, D.C. 20550

- 15320 Current research and development in scientific documentation no. 14 [with lists of references]. 1966. viii+662 p. (NSF-66-17.) [Compiled with contractual assistance of Herner & Co., Washington, D.C.] * Paper, \$2.00. ● Item 834-K
L.C. card 58-2427 NS 2.10: 14

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

- 15321 Directory of companies filing annual reports with Securities and Exchange Commission under Securities exchange act of 1934, alphabetically and by industry groups, 1965. cover title, ix+237 p. 4° ([Office of Policy Research.]) * Paper, \$1.50. ● Item 903-A
L.C. card 59-61379 SE 1.27: 965

SELECTIVE SERVICE SYSTEM
Washington, D.C. 20435

- 15322 Selective service college qualification test, Nov. 18 and 19, 1966. [1966.] 9 p. il. 4° † ● Item 1077-B Y 3.Se 4: 22/966-2

SMALL BUSINESS ADMINISTRATION
Washington, D.C. 20416

- 15323 Export marketing for smaller firms [with bibliography of information sources]; prepared by International Marketing Institute. 2d edition. 1966. [5]+vi+80 p. 4° * Paper, 50c. ● Item 901-P
L.C. card 66-62372 SBA 1.19: Ex 7/966

Small business bibliography. ● Item 901-K

- 15324 31. Retail credit and collections; by Fred W. Kniffin. Apr. 1966 revision. [1966.] 8 p. 4° †
L.C. card 66-62509 SBA 1.3: 31/4

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 15325 [Strengthening free enterprise], 1965 annual report to President and Congress. [1966.] cover title, v+79 p. il. 4° ([Reference no. OP1-21.])
 * Paper, 60c. ● Item 901-A
 L.C. card 63-61268 SBA 1.1: 965

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

Health insurance for the aged HIM (series). ● Item 516-C

- 15326 1. Conditions of participation for hospitals. [Feb. 1966.] cover title, [1]+64 p. 4° [Coreretd copy.] †
 L.C. card 66-61412 FS 3.6/4: 1/corr.

OASI (series). ● Item 518-A

FS 3.35: (nos.)

- 15327 23c. You don't have to retire completely to get social security benefits. July 1966. [2] p. oblong 12°, folded into narrow 12° size * Paper, \$3.00 per 100; single copy, 5c.
 15328 24. Good news for household workers, your earnings now can bring monthly social security checks later on for you and your family and you can look forward to having hospital insurance when you retire. [June 1966.] 22+ [2] p. il. * Paper, 15c.
 L.C. card HEW 62-10
 15329 29c. Social security, what it means for parents of mentally retarded child. [Apr. 1966.] 6 p. il. narrow 12° * Paper, \$2.50 per 100; single copy, 5c.
 15330 93. Your social security earnings record. [July 1966.] [24] p. oblong 48° * Paper, \$5.00 per 100; single copy 10c.

Research and statistics note, 1966 (series).

- 15331 9. Independent health insurance plans, 1965; prepared by Louis S. Reed and Kathleen Myers. Aug. 23, 1966. 12 p. 4° † (Office of Research and statistics.) † FS 3.28/2: 966/9
 15332 Social security farm statistics, 1955-63, farmers and farm workers under old-age, survivors, disability, and health insurance. [June 1966.] cover title, [1]+34 p. 4° (Office of Research and Statistics, RS:S-7.) [Includes data for 1955 and 1960-63 and some preliminary estimates for 1964. Data for 1956-59 are available in Social security farm statistics 1955-61.] †
 L.C. card HED 65-114 FS 3.2: F 22/3/955-63

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, D.C. 20250

- 15333 Soil conservation districts, status of organization, by States, approximate acreage, and farms in organized districts. July 1, 1966. [7] leaves il. 4° [Issued with perforations.] †
 L.C. card 50-61311 A 57.32: 966

Soil survey series 1960. ● Item 102 (Rev. 1957).

- 15334 30. Berkeley County, W. Va. [with list of literature cited; by John L. Gorman, J. K. Pasto, and C. D. Crocker]. May 1966. cover title, i+141 p. il. 36 p. of pl. and maps, 2 tab. 4° [Prepared in cooperation with West Virginia Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$2.50
 L.C. card Agr 66-281 A 57.38: 960/30
 15335 Soil survey: Somerset County, Md. [with list of literature cited; by Earle D. Matthews and Richard L. Hall]. July 1966. cover title, ii+90 p. il. 56 p. of pl. and maps. 1 tab. 4° [Prepared in cooperation with Maryland Agricultural Experiment Station.] * Paper, \$3.00. ● Item 102 (Rev. 1957).
 L.C. card Agr 66-291 A 57.38: So 5

STATE DEPARTMENT Washington, D.C. 20520

- 15336 Arms control and disarmament, studies in progress or recently completed [ACD-7]; compiled by Dallas Lloyd. May 1966. [4]+50 p. 4° (Office of External Research; [Bureau of Intelligence and Research].) [Semi-annual. Compiled for Arms Control and Disarmament Agency. Includes Form DSP-79, Arms control research survey card.] † (Available to libraries, scholars, and universities only). S 1.117/5: 7

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

Background notes. ([Office of Media Services, Bureau of Public Affairs.])

[Issued with perforations.] ● Item 862-B

- 15337 Algeria [with bibliography]. [Revised June 1966.] [1966.] 8 p. il. 4° ([Publication 7821.]) * Paper, 5c.
L.C. card 66-61561 S 1.123:A13/966

Commercial policy series. ● Item 862

- 15338 203. Private boycotts vs national interest. [Aug. 1966.] [2]+20 p. oblong 48° ([Publication S117; Office of Media Services, Bureau of Public Affairs.])
* Paper, 15c.
L.C. card 66-62519 S 1.37:203

Department and foreign service series.

- 15339 127. You and your passport, application requirements, vaccinations, care of your passport, visas, getting along abroad. [Revised edition.] Aug. 1966. [12] p. narrow 12° ([Publication 7728]; Passport Office.) * Paper, \$5.00 per 100; single copy 10c. ● Item 863
L.C. card SD 57-1 S 1.69:127/2

Far Eastern series.

- 15340 138. Geographic aspects of struggle in Viet-nam: [by G. Etzel Percy]. [Oct. 1965.] [2]+10 p. il. 4° ([Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, Sept. 20, 1965.]
* Paper, 10c.
L.C. card 66-62515 S 1.38:138

Geographic report; issued by the Geographer.

- 15341 10. South America, civil divisions. Sept. 1, 1966. cover title, [2]+29 p. il. 4° ([Bureau of Intelligence and Research, Office of Research in Economics and Science.]) [Some illustrations are colored.] ‡ S 1.119:10

International boundary studies. (Geographer, Office of Research in Economics and Science, Bureau of Intelligence and Research.) ‡
S 1.119/3:(nos.)

- 15342 68. Argentina-Uruguay boundary. Mar. 30, 1966. cover title, [1]+6 p. 2 maps 4°
15343 69. Rwanda-Tanzania boundary. May 2, 1966. cover title, [1]+6 leaves, map, 4°

- 15344 Telephone directory, Department of State, Agency for International Development, Arms Control and Disarmament Agency. Aug. 1966. cover title, 153+3 p. il. 4° (Dudley 3 or code 182, Dudley 2 or code 128.)
[Text on p. 2-4 of cover.] * Paper, 70c. S 1.21:966-3

Treaties and other international acts series. * Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10:(nos.)

- 15345 5914. Atomic energy, application of safeguards by IAEA to United States-Austria cooperation agreement between United States, Austria, and International Atomic Energy Agency, signed Vienna June 15 and July 28, 1964; [entered into force Dec. 13, 1965.] [1966.] [2]+10 p.
* Paper, 10c.
L.C. card 66-62146

- 15346 5939. Air transport services, agreement between United States and Japan, amending agreement of Aug. 11, 1952, as supplemented and amended, effected by exchange of notes, signed Tokyo Dec. 28, 1965; [entered into force Dec. 28, 1965]. [1966.] [2]+12 p. [Japanese and English.]
* Paper, 10c.
L.C. card 66-62111

- 15347 5979. Investment guarantees, agreement between United States and Ceylon, effected by exchange of notes signed Colombo Feb. 23, 1966; [entered into force Feb. 23, 1966]. [1966.] [2]+7 p. * Paper, 10c.
L.C. card 66-61775

- 15348 5984. Re-entry experiments in Australia (Project Sparta), arrangement between United States, Australia, and United Kingdom of Great Britain and Northern Ireland, signed Canberra Mar. 30, 1966; [entered into force Mar. 30, 1966], with exchanges of notes between United States and Australia and United States aide memoire. [1966.] [2]+11 p. * Paper, 10c.
L.C. card 66-62464

- 15349 5995. Agricultural commodities, agreement between United States and Viet-Nam, amending agreement of Mar. 21, 1966, as amended, effected by exchange of notes signed Saigon Apr. 14, 1966; [entered into force Apr. 14, 1966]. [1966.] [2]+3 p. * Paper, 5c.
L.C. card 66-62115

- 15350 5997. Mutual defense assistance, cash contribution by Japan, arrangement between United States and Japan relating to agreement of Mar. 8, 1954, effected by exchange of notes signed Tokyo Apr. 20, 1966; [entered into force Apr. 20, 1966]. [1966.] [2]+5 p. [Japanese and English.]
* Paper, 5c.
L.C. card 66-62166

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 83

GOVERNMENT PUBLICATIONS

Treaties and other international acts series—Continued

- 15351 5998. Military mission, agreement between United States and Costa Rica, amending and extending agreement of Dec. 10, 1945, as amended and extended, effected by exchange of notes signed San Jose Mar. 17 and 28, 1966; [entered into force Mar. 28, 1966, effective Dec. 10, 1965]. [1966.] [2]+3 p. [English and Spanish.] * Paper, 5c.
L.C. card 66-62118
- 15352 5999. Investment guaranties, agreement between United States and Singapore, effected by exchange of notes signed Singapore Mar. 25, 1966; [entered into force Mar. 25, 1966]. [1966.] [2]+6 p. * Paper, 5c.
L.C. card 66-62119
- 15353 6000. Loan of additional vessel, agreement between United States and Spain, effected by exchange of notes signed Madrid, Apr. 21, 1966; [entered into force Apr. 21, 1966]. [1966.] [2]+3 p. [English and Spanish.] * Paper, 5c.
L.C. card 66-62120
- 15354 6006. Extension of loan of vessel, agreement between United States and Canada, effected by exchange of notes signed Washington May 11, 1966; [entered into force May 11, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62125
- 15355 6007. Agricultural commodities, agreement between United States and Tunisia, amending agreement of Feb. 17, 1965, as amended, effected by exchange of notes signed Tunis Apr. 29, 1965; [entered into force Apr. 29, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62126
- 15356 6009. Trade in cotton textiles, agreement between United States and Greece, amending agreement of July 17, 1964, effected by exchange of notes signed Washington May 23, 1966; [entered into force May 23, 1966, effective Sept. 1, 1965]. [1966.] [2]+5 p. * Paper, 5c.
L.C. card 66-62127
- 15357 6010. Agricultural commodities, sales under title 4, agreement between United States and Kenya, Tanzania, Uganda and East African Common Services Organization, signed Dar-es-Salaam Feb. 18, 1966, and Nairobi Feb. 19 and 22 and Mar. 4, 1966; [entered into force Mar. 4, 1966] with memorandum of understanding. [1966.] [2]+7 p. * Paper, 10c.
L.C. card 66-62128
- 15358 6012. Agricultural commodities, agreement between United States and Pakistan, amending agreements of Nov. 26, 1958, Apr. 11, 1960, and Oct. 14, 1961, effected by exchange of notes signed Karachi, Mar. 30, 1966; [entered into force Mar. 30, 1966]. [1966.] [2]+3 p. * Paper, 5c.
L.C. card 66-62129
- 15359 6014. Defense, additional military assistance, agreement between United States and Paraguay, effected by exchange of notes, signed Asunción, Apr. 11, 1966; [entered into force Apr. 11, 1966]. [1966.] [2]+4 p. [English and Spanish.] * Paper, 5c.
L.C. card 66-62131
- 15360 6015. Investment guaranties, agreement between United States and Honduras, supplementing agreement of Apr. 22 and June 10, 1966, effected by exchange of notes signed Tegucigalpa Feb. 24 and Apr. 30, 1966; [entered into force Apr. 30, 1966]. [1966.] [2]+4 p. [English and Spanish.] * Paper, 5c.
L.C. card 66-62132
- 15361 6016. Agricultural commodities, sales under title 4, agreement between United States and Indonesia, signed Djakarta Apr. 18, 1966; [entered into force Apr. 18, 1966], with exchange of notes. [1966.] [2]+8 p. * Paper, 10c.
L.C. card 66-62133
- 15362 6017. Sampling of radioactivity of upper atmosphere by means of balloons, agreement between United States and Australia, extending agreement of May 9, 1961, as extended, effected by exchange of notes, dated Canberra May 9, 1966; [entered into force May 9, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62134
- 15363 6018. Agricultural commodities, sales under title 4, agreement between United States and Greece, amending agreement of Nov. 17, 1964, as amended, effected by exchange of notes signed Athens Jan. 13, 1966; [entered into force Jan. 13, 1966]. [1966.] [2]+4 p. * Paper, 5c.
L.C. card 66-62135
- 15364 6023. Agricultural commodities, sales under title 4, agreement between United States and Israel, signed Washington June 6, 1966; [entered into force June 6, 1966], with exchange of notes. [1966.] [2]+6 p. * Paper, 5c.
L.C. card 66-62138
- 15365 6025. Air transport services, agreement between United States and Norway, amending agreement of Oct. 6, 1945, as amended, effected by exchange of notes signed Washington June 7, 1966; [entered into force June 7, 1966] with related notes. [1966.] [2]+7 p. * Paper, 10c.
L.C. card 66-62302
- 15366 6028. Alien amateur radio operators, agreement between United States and Israel, effected by exchange of notes signed Washington June 15, 1966; [entered into force June 15, 1966]. [1966.] [2]+3 p. * Paper, 5c.
L.C. card 66-62141

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15367 6029. Trade in cotton textiles, agreement between United States and Colombia, amending agreement of June 9, 1965, effected by exchange of notes signed Washington June 24, 1966; [entered into force June 24, 1966], with related notes. [1966.] [2]+5 p. * Paper, 5c.
L.C. card 66-62142
- 15368 6030. Agricultural commodities, sales under title 4, agreement between United States and Ivory Coast, amending agreement of Apr. 5, 1965, effective by exchange of notes, signed Abidjan June 1, 1966; [entered into force June 1, 1966]. [1966.] [2]+3 p. [English and French]. * Paper, 5c.
L.C. card 66-62143
- 15369 6031. Agricultural commodities, sales under title 4, agreement between United States and Yugoslavia, signed Belgrade Apr. 11, 1966; [entered into force Apr. 11, 1966], with exchange of notes. [1966.] [2]+7 p. * Paper, 10c.
L.C. card 66-62144
- 15370 6034. Agricultural commodities, use of title 1 funds for school and hospital construction program, agreement between United States and Burma, signed Rangoon, June 1, 1966; [entered into force June 1, 1966]. [1966.] [2]+4 p. * Paper, 5c.
L.C. card 66-62145
- 15371 6036. Trade in cotton textiles, agreements between United States and Poland, effected by exchanges of letters, signed Washington June 24, 1965 and May 18 and 20, 1966; [entered into force May 20, 1966]. [1966.] [2]+4 p. * Paper, 5c.
* Paper, 5c.
L.C. card 66-62304
- 15372 6037. Sewage disposal system, agreement between United States and Canada, effected by exchange of notes, dated Ottawa, Jan. 13, Apr. 22 and June 9, 1966, [entered into force June 9, 1966]. [1966.] [2]+3 p. * Paper, 5c.
L.C. card 66-62305
- 15373 6038. Alien amateur radio operators, agreement between United States and India, effected by exchange of notes signed New Delhi May 16 and 25, 1966; [entered into force May 25, 1966]. [1966.] [2]+4 p. * Paper, 5c.
L.C. card 66-62333
- 15374 6043. Agricultural commodities, sales under title 4, agreement between United States and Iceland, amending agreement of Dec. 30, 1964, as amended, effected by exchange of notes, signed Reykjavik June 13, 1966; [entered into force June 13, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62338

STATISTICAL REPORTING SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 15375 Bluestem (Flint Hills) and Osage pasture report, Kansas and Oklahoma, June 1, 1966. June 9, 1966. 2+[1] p. 4° (MtAn 2-4 (6-66); Crop Reporting Board.) † A 92.2; B 62/966
- 15376 Chickens, number raised, 1966. July 21, 1966. [2] p. 4° (Pou 2-2 (7-66); Crop Reporting Board.) † A 92.9/7; 966
- 15377 Cranberries, indicated production, Aug. 15, 1966. Aug. 23, 1966. 1 p. 4° (SpCr 1 (8-66); Crop Reporting Board.) † A 92.11/6; 966
- 15378 Crop & Livestock reports, 100 years, 1866-1966, Federal-State Crop and Livestock Reporting Service, chronology of development and progress; [by S. R. Newell]. [May 1966.] [1]+S p. 4° † A 92.2; C 88/2
- 15379 Fruits, noncitrus by States, 1964 and 1965, production, use and value: pt. 1, apricots, bush berries, cherries, figs, grapes, nectarines, peaches, pears, persimmons, plums, pomegranates, prunes. May 1966. 23 p. 4° (FrNt 2-1 (5-66); Crop Reporting Board.) † A 92.11/2; 964-65/pt.1
- 15380 Honey production. June 26, 1966. [2] p. 4° (Hny (7-66); Crop Reporting Board.) † A 92.28/2; 966
- 15381 Irish potatoes, utilization of 1965 crop with comparisons. Sept. 8, 1966. 3 p. 4° (Pot 1-3 (9-66); Crop Reporting Board.) † A 92.11/5; 965
- 15382 Pig crop report, June 1966. June 22, 1966. 15 p. 4° (MtAn 4 (6-66); Crop Reporting Board.) † A 92.18/7; 966-2
- SRS (series).
- 15383 9. Number of feedlots by size groups and number of fed cattle marketed, 1962-64. June 1966. 7 p. 4° (Crop Reporting Board.) † A 92.34; 9

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Federal Aviation Agency, Washington, D.C. 20553

Report.

- 15384 RD-66-21. Technical report system description: Modernized weather teletype-writer communication system. Mar. 1966. title, lx+77+[4] p. il. 4° ([Communications Development Division]; sub-program no. 233-001.) ‡
FAA 2.S/2: RD-66-21

TARIFF COMMISSION Washington, D.C. 20436

- 15385 In-the-ear hearing aids, report on investigation no. 337-20, under provisions of sec. 337 of Tariff act of 1930, as amended. July 1966. cover title, [1]+34 leaves, 4° (TC publication 182; [TC25457].) † TC 1.2: H 35
- 15386 Steel jacks from Canada, determination of likelihood of injury in investigation no. AA 1921-49, under Antidumping act 1921, as amended. Aug. 1966. cover title, 8 leaves, 4° (TC publication 186.) †
TC 1.31/2: St 3/3
- 15387 Tariff Commission submits report to Automotive Agreement Adjustment Assistance Board in adjustment assistance case pertaining to certain workers of Fram Corporation. Aug. 10, 1966. [1]+4 leaves, 4° (TC publication 184; APFA-W-3.) †
TC 1.2: Au 8
- 15388 Wilton, Brussels, velvet, and tapestry carpets and rugs, report to the President (no. TEA-IR-5-66), under sec. 351 (d) (1) of Trade expansion act of 1962. Sept. 1966. cover title, [1]+16 leaves, 4° (TC publication 187; [TC28827].) †
L.C. card 62-60302
TC 1.2: C 22/966

TENNESSEE VALLEY AUTHORITY Washington, D.C. 20444

- 15389 Flood damage prevention, indexed bibliography. 4th edition. May 1966. [2]+37 p. il. (Technical Library.) †
L.C. card 66-62558
Y 3.T 25: 31 F 65/966
- 15390 Inventory of land and its use by major land resource areas in Tennessee Valley; [by Wesley G. Smith and John M. Soileau]. Apr. 1966. 59 p. il. map, 4° (T66-2AE; National Fertilizer Development Center.) [Page 59, last page of text, is on inside of back cover. Map is separate.] †
Y 3.T 25: 2 L 22
- 15391 TVA tames river [with list of selected references for further reading]. [Apr. 1966.] [2]+22 p. il. †
Y 3.T 25: 2 T 25/28/966

TREASURY DEPARTMENT Washington, D.C. 20220

- 15392 Current tax developments, remarks by Stanley S. Surrey, Assistant Secretary of Treasury before Section of Taxation, American Bar Association, Montreal, Canada, Aug. 6, 1966. 1966. 23 leaves, 4° (FF-568.) †
T 1.31: Su 7/18
- Department circulars. (Fiscal Service, Bureau of Accounts.) †
T 1.4/2: (nos.)
- 15393 176. Regulations governing deposit of public moneys and payment of Government checks, revised Dec. 1945, 15th amendment. Aug. 25, 1966. 1 p. 4°
- 15394 677. Voluntary payroll savings plan for purchase of United States savings bonds by employees of United States Government, rescission. 2d revision. Apr. 29, 1966. 1 p. 4°
- 15395 918. Regulations governing withholding for State and territorial income tax purposes, on compensation of Federal employees under act of July 17, 1952, rescission. Apr. 29, 1966. 1 p. 4°
- 15396 979. Regulations governing withholding for District of Columbia income tax purposes, on compensation of Federal employees, under act of Mar. 31, 1956, rescission. Apr. 29, 1966. 1 p. 4°
- 15397 1074. Regulations governing allotments of pay for certain State income tax withholding purposes under act of Sept. 26, 1961 (Public law 87-304), rescission. Apr. 29, 1966. 1 p. 4°

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

OCTOBER 1966

- 15398 Foreign funds control, regulations and related documents. May 19, 1966. [1966.] cover title, i+22 p. 4° † ● Item 926 T 1.10: F 76/966
- 15399 President's program for national economic responsibility, remarks of Joseph W. Barr, Under Secretary of Treasury, at international annual meeting of Pharmaceutical Manufacturers Association at Gaylord, Mich., Sept. 13, 1966. 1966. 9 p. 4° (F-615.) † T 1.31: B 27/17
- 15400 Remarks by Joseph W. Barr, Under Secretary of Treasury at ceremonies marking deposit of United States Instrument of ratification of Asian Development Bank at United Nations, Aug. 16, 1966. 1966. 3 p. 4° (F-586.) † T 1.31: B 27/16

UNITED STATES TRAVEL SERVICE. Commerce Dept. Washington, D.C. 20230

- 15401 Bienvenidos a los Estados Unidos de Norte America. [1966.] cover title, 12 p. il. 16° [Text on p. 2-4 of cover.] † C 47.2: W 44/Spanish
- 15402 Bienvenue aux Etats-Unis! [1966.] cover title, 12 p. il. 16° [Text on p. 2-4 of cover.] † C 47.2: W 44/French
- 15403 Datos informativos sobre Estados Unidos, entrada, compras, viajes, alojamiento, propinas, comidas, diversiones, museos. [1966.] 40 p. il. 4°. folded into narrow 8° size. ([U.S.T.S.-102-S.]) † C 47.2: D 62/Spanish
- 15404 Direction: U.S.A., arrivee, achats, déplacements, pourboires, logement, repas, loisirs, museos. [1966.] 40 p. il. 4°, folded into narrow 8° size. ([U.S.T.S.-102-F.]) † C 47.2: D 62/French
- U.S.T.S. [colored poster series]. 1966. ‡ C 47.10/2: (nos.-letters)
- 15405 117-A-G. Reisen sie in eine neue welt, besuchen sie die USA: Totempfahl der Haida-Indianer, Saxman im Staat Alaska. 30 x 20 in.
- 15406 117-A-S. Viaje por un nuevo mundo, visite los Estados Unidos: Poste totemico Indio Haida en Saxman, Estado de Alaska. 30 x 20 in.
- 15407 117-F. Decouvrez un nouveau monde, visitez les Etats-Unis: Mat de totem des Indiens Haida, Saxman, Etat d' Alaska. 40 x 25 in.
- 15408 117-S. Viaje por un nuevo mundo, visite los Estados Unidos: Poste totemico Indio Haida en Saxman, Estado de Alaska. 40 x 25 in.
- 15409 121-A-S. Viaje por un nuevo mundo, visite los Estados Unidos: Curandero de la tribu Shoshone, Thermopolis, Estado de Wyoming. 30 x 20 in.
- 15410 121-F. Decouvrez un nouveau monde, visitez les Etats-Unis: Sorcier indien de la tribu Shoshone, Thermopolis, Etat du Wyoming. 40 x 25 in.
- 15411 Wegwijzer, U.S.A., aankomst, winkelen, reizen, fooien, logeer-gelegenheden, eet-gelegenheden, ontspanning, musea. [1966.] 40 p. il. 4°, folded into narrow 8° size. ([U.S.T.S.-102-D.]) † C 47.2: D 62/Dutch

URBAN RENEWAL ADMINISTRATION, Housing and Urban Development Dept., Washington, D.C. 20410

- 15412 Urban renewal project characteristics, Dec. 31, 1965. [1966.] cover title, 63 p. 4° [Relates to title 3, Housing act of 1954, and title 1, Housing act of 1949.] † L.C. card 56-63831 HH 7.8: 965-2

VETERANS ADMINISTRATION Washington, D.C. 20420

- 15413 Medical research program 1965, synopsis. [1966.] cover title, ii+25 p. 4° (Research Service, Department of Medicine and Surgery.) [Issued with perforations.] † ● Item 987-B VA 1.43/4: 965
- L.C. card 66-62437
- VA pamphlet. ● Item 988
- 15414 05-34. Count your benefits. Revised July 1966. [1966.] [11+9 p. il. 4° (Office of Assistant Administrator for Personnel.) † VA 1.19: 05-34/2

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

VOCATIONAL REHABILITATION ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 15415 Alcoholism and vocational rehabilitation, proceedings of workshop held in Chicago, Ill., Jan. 6-7, 1965, Vocational Rehabilitation Administration, North American Association of Alcoholism Programs. [1966.] v+78 p. il. * Paper, 35c. ● Item 529
L.C. card 66-62379 FS 13.202: A11

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, D.C. 20210

- 15416 List of publications. May 1966. [4] p. narrow 8° (WHPC publication 1153.) † ● Item 775-A L 22.32: P 96/966
Questions and answers QA-IND (series).
15417 12. Sheltered workshops under Fair labor standards act and Walsh-Healey public contracts act. May 1966. [5]+37 p. 4° (WHPC publication 1129.) †
● Item 778-C L 22.30: 12/3

WEATHER BUREAU, Commerce Dept. Washington, D.C. 20235

- 15418 Coastal warning facilities chart: Eastport, Me. to Montauk Point, N.Y., 1966. Scale 50 naut.m.=1.8 in. [1966.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c.
L.C. card Map 65-718 C 30.22/3: Ea 7/966
15419 — Montauk Point, N.Y. to Manasquan, N.J., 1966. Scale 10 naut.M.=1.3 in. [1966.] 12 x 19 in. [Broadcast schedules of marine forecasts and warnings on reverse.] * Paper, 10c.
L.C. card Map 65-718 C 30.22/3: M 76/966
Hydrometeorological report. ● Item 275-A
15420 42. Meteorological conditions for probable maximum flood on Yukon River above Rampart, Alaska [with list of references]; prepared by Hydrometeorological Branch, Office of Hydrology. May 1966. vi+97 p. il. 4° * Paper, 70c. C 30.44: 42

National Severe Storms Laboratory report.

- 15421 19. Measurements by aircraft of condensed water in Great Plains thunderstorms [with list of references; by] George P. Roys and Edwin Kessler. July 1966. [3]+17 p. il. 4° (Technical note 49.) [Report of former National Severe Storms Project.] † C 30.70/2: 19
15422 Operations of Weather Bureau. July 1, 1966. x+214 p. il. 4° †
L.C. card 66-62543 C 30.83: 966
15423 Small craft, gale and whole gale warning facilities chart: Great Lakes, Huron, Erie & Ontario, 1966. [1966.] Scale: 50 mi.=1.8 in. 12 x 19 in. [Weather broadcast schedules on reverse.] * Paper, 10c.
C 30.22/3: G 79/966
15424 — Great Lakes, Superior & Michigan, 1966. [1966.] Scale: 50 mi.=1.5 in. 19 x 12 in. [Weather broadcast schedules on reverse.] * Paper, 10c. C 30.22/3: G 79/2/966

WELFARE ADMINISTRATION, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 15425 El bienestar social en un mundo en desarrollo, la function del bienestar social en el proceso de desarrollo; por Elizabeth Wickenden. 1966. vii +57 p. ([Publicacion S.]) [For English edition, see Monthly catalog, Mar. 1965, entry 5476.] * Paper, 30c. FS 14.2: Sol/3/Spanish
15426 L'action sociale dans un monde en pleine evolution, la place des affaires sociales dans le processus de developpement; par Elizabeth Wickenden. 1966. viii+61 p. ([Brochure S.]) [For English edition, see Monthly catalog, Mar. 1965, entry 5476.] * Paper, 30c. FS 14.2: Sol/3/French

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 15427 Proceedings of International Congress on Home Help Services held in Koenigstein, Germany, Sept. 1965. [1966.] v+102 p. (WA publication 17.) [English translation.] * Paper, 35c. ● Item 532-A-1
L.C. card HEW 66-134 FS 14.2: H 25/2/965
- Welfare research report. ● Item 532-A-5
- 15428 3. Social, psychological, and economic aspects of alcoholism [with bibliography; by] Catherine S. Chillman [and others]. June 1966. [5]+106 p. 4° (Research Division.) †
L.C. card HEW 66-135 FS 14.14: 3

WHITE HOUSE CONFERENCE TO FULFILL THESE RIGHTS
1800 G Street, N.W., Washington, D.C. 20006

NOTE.—The White House Conference To Fulfill These Rights was held in Washington, D.C., June 1-2, 1966.

- 15429 Report of White House Conference, To Fulfill These Rights, June 1-2, 1966, Washington, D.C. [1966.] vii+177 p. 4° * Paper, \$1.25. ● Item 1088
L.C. card 66-62390 Y 3.W 58/15: 1/966

WOMEN'S BUREAU, Labor Dept.
Washington, D.C. 20210

- 15430 Laws on sex discrimination in employment, Federal civil rights act, title 7, State fair employment practices laws. May 1, 1966. cover title, 10 p. 4° ([WB 66-340.]) †
L 13.2: Em 7/10/966
- 15431 State minimum wage legislation, weapon in war on poverty. June 1966. cover title, 17 p. 4° ([WB 66-419.]) †
L.C. card 66-62552 L 13.2: M 66/12/966
- 15432 Why women work. [Aug. 1966.] 3 p. 4° ([WB 67-6.]) †
L 13.2: W 84/44/966
- 15433 Women workers in Wisconsin, 1960. [Revised July 1966.] [1966.] 14 p. 4° ([WB 67-30.]) †
L.C. card L 64-17 L 13.22: W 75/960-3



Index

MONTHLY CATALOG OCTOBER 1966

NOTE.—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

A

- A.M.C., *see* Army Materiel Command.
A.P.R.O., *see* Army Personnel Research Office.
A.R.S. series, 14100–113
Ability, perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts, 14184
Abrahams, John H., jr., preparation of soil samples, laboratory techniques, 15277
Abrahamsen, Martin A., agricultural cooperation, pioneer to modern, 14591
Abstracts, *see* subjects.
Academy of Sciences, Hungary:
activities of corporate bodies, 14835
recent activities, 14859
Academy of Sciences, Kazakh SSR, Biological Sciences Department, scientific activity of institutions, 14923
Academy of Sciences, Turkmen SSR, annual meeting, 14894
Academy of Sciences, USSR, vestnik, translations, 14792, 14935
Acceleration, airplane, effects on sonic-boom ground pressure patterns, 15152
Accidents, *see* Aircraft accidents—Railroad accidents.
Acids, nonhazardous acid etches weld samples, 15108
L'action sociale dans un monde en pleine evolution, la place des affaires sociales dans le processus de developement, 15426
Activities in science related to space, 15036
Acts of Congress, *see* Law.
Addresses, lectures, etc.:
by—
Barr, Joseph W., 15399–400
Brenner, Edward J., 15256
Brimmer, Andrew F., 14637
Bolles, Edgar H., 14742
Chinitz, Benjamin, 14322
Collins, LeRoy, 14319
Connor, John T., 14320, 14328
Crafts, Edward C., 15254
Faulkner, Rafford L., 14240
Flood, Daniel F., print additional copies, report, 14462
Freeman, Orville L., 14120–129, 14134, 14151–158, 14160
Hanke, Byron R., 14631
Harilee, John, 14633
Johnson, Wilfrid E., 14241
Moore, J. Cordell, 14769
Murphy, Robert T., 14286
Nace, Raymond L., 14753
O'Brien, Lawrence F., 15258
Paret, Peter, 14166
President Johnson, 15261
Randall, K. A., 14623
Romm, Joseph, 14292
Sableski, Joseph J., 15274
Schmeltzer, Edward, 14634
Schnellbacker, E. E., 14780
Seaborg, Glenn T., 14238, 14242
Shaw, William H., 14321
Stewart, William H., 15271
Surrey, Stanley S., 15392
Udall, Stewart L., 14768
Whitton, Rex M., 15316
Williams, Thomas F., 15270
FMC SP series, 14633–634
Harmon memorial lectures in military history (series), 14166
Adhesion, ice to hydrophobic surfaces, 15252
Adhesives:
dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
restorative dental materials 2, proceedings, 15269
Adjustment Board, National Railroad, *see* National Railroad Adjustment Board.
Administration, *see* Administrative management.
Administrative management:
Army Supply and Maintenance Command project listing, 14221
career, National Institutes of Health, 15273
dental administration, Navy manual, change, 15245
factors in job-satisfaction, spontaneous comments, analysis, 14192
hospital central medical and surgical supply services, 15282
staff development, public welfare programs, progress report, 1965, HEW, 14585
Administrators, representatives, Federal aviation regulations, 14617
Adults, blood glucose levels, 15309
Advertising, tires, guides adopted by Federal Trade Commission, 14647
Advisory Corrections Council, create, hearings, 14429
Aerial photography:
aerial-photographic, topographic-geodetic and cartographic work of Soviet Union in Antarctica, 14866
spectrozoal aerial photographs for topographic interpretation, USSR study, 14900
television cloud photography, meteorological satellite data—
ESSA 1, catalogue, 14580
TIROS VIII, catalogue, 14579
Aerodotalgia under hyperbaric conditions, 14995
Aerodynamics:
supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity, 15157
two-dimensional wedge and triangular plan-form wings, hypersonic laminar viscous interaction effects, 15153
see also Spacecraft.
Aeromedical reviews, 14188–189
Aeronautics:
air transport services, agreement with—
Japan, 15346
Norway, 15365
civil aviation, publications, price list, 15266
Federal aviation act of 1958, amend, report, 14463
Federal aviation regulations, 14599–617
naval aviation, publications, price list, 15266
weather procedures handbook, change, 14198
Aerosols, viral, and immunization, USSR studies, 14891
Aerospace medicine, *see* Medicine.
Aerofitis media, *see* Otitis media.
Aesthetics, application in industry, USSR study, 14802
Africa, market profiles, 14323

INDEX

- AFSCP, *see* Air Force Systems Command.
- Age, projections of white and nonwhite population to 1985, by age, 14275
- Aged:
- foster grandparent program, new role for older Americans, 14526
 - health insurance, conditions for participating hospitals, correction, 15326
 - health insurance for the aged, HIM (series), 15326
 - nursing homes, etc., employees, 1964 statistics, 15310
 - tax consequences of contributions to needy older relatives, hearing, 14469
 - working with older people, practitioner and the elderly, practice guide, 15312
- Agents, *see* Foreign agents.
- Aging, Special Committee on, Senate, hearing, 14469
- Agricultural commodities, *see* Agricultural products.
- Agricultural economies, *see* Agriculture.
- Agricultural marketing agreement act, *see* Agricultural products.
- Agricultural products:
- agricultural commodities, agreement with—
 - Burma, 15370
 - Greece, 15363
 - Iceland, 15374
 - Indonesia, 15361
 - Israel, 15364
 - Ivory Coast, 15368
 - Kenya, Tanzania, Uganda, and East African Common Services Organization, 15357
 - Pakistan, 15358
 - Tunisia, 15355
 - Vietnam, 15349
 - Yugoslavia, 15369
 - commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
 - market development and promotion, workshop seminar, 14536
 - marketing agreement act of 1937, include certain fruits, hearing, 14406
 - marketing bulletin, 14139
 - marketing research reports, 14140-144
 - production research report, 14150
 - promote international trade, extend public law 480, etc., report, 14467
 - sale under public law 480 to countries trading with North Vietnam, hearings, 14471
- Agricultural Research Service, ARS series, 14100-113
- Agricultural trade development and assistance act of 1954:
- activities under, 1965 annual report, 14383
 - commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
 - extend, etc., report, 14467
 - sale of agricultural commodities to nations trading with North Vietnam, hearings, 14471
- Agriculture:
- agricultural cooperation, pioneer to modern, 14591
 - agriculture handbooks, 14130-131
 - agriculture information bulletin, 14133
 - agronomic studies of phormium in western Oregon, 14150
 - geographies and lists available, 15204
 - Cyprus' agricultural economy in brief, 14544
 - Europe and Soviet Union situation, mid-year review, 14545
- Agriculture—Continued
- Far East and Oceania situation, midyear review, 14546
 - front and center (address), 14128
 - full parity of income—
 - adequate size family farming operation (statement), 14158
 - farming operations (address), 14122
 - increasing agricultural production in developing nations (remarks), 14153
 - scientific cultivation of agricultural plants, Rumanian study, 14917
 - significant progress since 1960, report and review statement, 14154-157
 - see also* Farmers cooperative organizations.
- Agriculture and Forestry Committee, Senate:
- hearings, 14505
 - report, 14467
- Agriculture Committee, House:
- committee print, 14407
 - hearings, 14403-406
 - report, 14398
- Agriculture Department:
- appropriations, 1967, hearings, 14471
 - consumer expenditure survey reports, 14117-118
 - marketing bulletin, 14139
 - marketing research reports, 14140-144
 - miscellaneous publications, 14145-146
 - opportunities for doctors of veterinary medicine, 14145
 - PA [program aid] series, 14147-149
 - precautions taken to protect dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, GAO review, 14737
 - production research reports, 14150
 - statistical bulletin, 14161
 - technical bulletins, 14162-164
- AIB series, 14133
- AID, *see* International Development Agency.
- Aids to navigation, *see* Navigation.
- Air:
- brazing retort manifold design concept may minimize air contamination, 15101
 - radiation tables, spectral distribution functions for molecular band systems, 15060
- Air almanacs, *see* Almanacs.
- Air carriers:
- certification and operations, Federal aviation regulations, changes, 14609-610
 - labor dispute, settlement, hearings, 14428
 - regional air cargo workshop (remarks), 14286
 - scheduled, helicopters, certification and operations, Federal aviation regulations, changes, 14611-612
 - strike impact on defense posture, hearing, 14411
 - supplemental—
 - inclusive tours, CAB special regulations, 14288
 - terms, conditions, and limitations of certificates to engage in air transportation, CAB economic regulations, 14284
 - temporary international route authority, report, 14463
 - transportation of dangerous articles and magnetized materials, Federal aviation regulations, change, 14608
 - United States carriers, list, 14285
- Air Force:
- librarians, employment, 14173
 - officers, leadership, 14167
 - publications, price list, 15266
 - report to our shareholders, 1966, 14197
- Air Force Academy, Colo., assembly, 1966, final report, 14165
- Air Force Department:
- administrative military aircraft, savings through improved utilization of space, GAO report, 14731

Air Force Department—Continued

Air Force manuals, 14167-172
 Air Force pamphlets, 14173-177
 lunar charts and mosaic series, 14179-182, 14186-187
 management of selected time compliance technical orders requiring modifications to engines for F-100 aircraft, GAO report, 14725
 Personnel Research Laboratory, technical reports, 14183-184
Air Force Systems Command:
 pamphlet, 14178
 research and development, guide for design, conduct, and analysis of Air Force tests, pamphlet, 14178
Air freight forwarders, see Freight forwarders.
Air lines, see Air carriers.
Air navigation, TACAN systems course, electronics technician, class C, trainee's guide, 15249
Air pollution:
 clubwomen accept the challenge (address), 15270
 comparative method for studying costs, 15275
 control, automobile crankcase ventilation systems, performance, 15293
 odor, community surveys and evaluation (paper), 15274
 time for action (address), 15271
 we can help clear the air, Jaycee community action program, 15311
Air raid shelters, creation of fallout shelter through slanting and cost reduction techniques, 14291
Air speed:
 approach speed, application of criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft, 15072
 hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
 transonic speeds, pressure distributions on ogive cylinder, 15148
Air traffic, navigable airspace, objects affecting, Federal aviation regulations, change, 14606
Air transportation, see Aeronautics—Air carriers—Transportation.
Aircraft:
 aircraft and related products, identification and registration marking, Federal aviation regulations, change, 14601
 Army, automated cargo delivery systems, cost, etc., evaluation, 14233
 decontaminating, practice guide, 14684
 IFR altitudes, Federal aviation regulations, 14607
 large, commercial operators, certification and operations, Federal aviation regulations, changes, 14609-610
 maintenance, preventive maintenance, rebuilding, and alteration, Federal aviation regulations, change, 14600
 manned, low-speed tests of 50°-swept parawings, 15144
 military administrative, savings through improved utilization of space, Air Force Dept., GAO report, 14731
 ogee wing, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
 pilot describing function measurements in multiloop task, 15052
 thunderstorm water content measuring, equipment, data obtained, etc., 15421
 XV-9A hot cycle research program, summary report, 14232
see also Airplanes—Fighter planes—*also* names of aircraft parts, e.g., Engines (aircraft).

Aircraft accidents:

head and face injury potential of airline seats during crash decelerations, 14243
 rules of CAB, investigations, etc., 14287
 Aircraft engines, *see* Engine (aircraft).
 Aircraft repair stations, Federal aviation regulations, change, 14614
 Aircrews, *see* Flight crews.
 Airlines, *see* Air carriers.

Airmen:

other than flight crewmembers, certification, Federal aviation regulations, change, 14604
 physical standards, medical certificates, Federal aviation regulations, change, 14605

Airplanes:

accelerations, effects on sonic-boom ground pressure patterns, 15152
 Denalt performance computer for use with fixed pitch propeller planes, 14681-682
 supersonic transport—
 crews, potential roles, flight deck implications, 15064
 model with high-aspect-ratio variable-sweep wing, pitch-up, 15160

Airports, construction, alteration, activation, and deactivation notice, FAA regulation, 14616

Airsickness, see Motion sickness.

Airways, navigable airspace, objects affecting, Federal aviation regulations, change, 14606

Airworthiness, see Engines (aircraft).

Akron, Ohio, area wage survey, metropolitan area, 14976

Alabama:

census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
 water used in mineral industry, 15033

Alampi, Phillip, New Jersey's outstanding citizen of the year, ceremonies honoring (address), 14124

Alaska, migratory birds, Federal regulations governing hunting, etc., 1966-67, 14673

Albania, mineral industry, minerals yearbook chapter, 15014

Albert, C. D., fluvial sediment in Little Arkansas River Basin, Kans., 14754

Alcohol, ethanol-jet atomization in combustor with oscillatory combustion-gas flow, 15147

Alcoholism:

and vocational rehabilitation, proceedings of workshop, 15415
 social, psychological and economic aspects, 15428

Aldrich, John W., American eagles and their economic status, 14650

Alexander, J. A., study of low density, high strength high modulus filaments and composites, 15041

Alfalfa, dehydrating plants, feasibility of establishing in Northwest resource conservation and development project areas, 14542

Alfandre, Howard J., acrotitis media in submarine recruits, 14992

Algorithms, see Calculus.

Alkanes, see Paraffins.

Algeria, background notes, 15337

Aliens, USSR, regulations governing travel of foreign nationals, 14847

All-Union:

NOTE.—For headings beginning All-Union, *see* Union of Soviet Socialist Republics.

Allen, Richard A., air radiation tables, etc., 15060

Alliances, NATO and Warsaw Pact, Yugoslav analysis, 14812

Allison, Dennis O., thermodynamic properties of gas mixtures, 15156

INDEX

- Alloys:
bearing, with hexagonal crystal structures provide improved friction and wear characteristics, 15103
columbium-modified NASA TAZ-8 super-alloy, investigation, 15188
high-strength, electrical discharge machining, USSR studies, 14832
see also names of metals, etc.
- Allsman, Paul L., gypsum, 15008
- Almanacs:
air, 1967, 15229
National Institutes of Health, 15291
- Alphonsus, RLC 14-17, lunar charts, 14187
- Altitude, operation of aircraft under IFR, Federal aviation regulations, 14607
- Alumina:
aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190
single-crystal and polycrystalline, in contact with various metals in vacuum, friction characteristics, 15185
- Aluminum, self-supported thin films produced by vacuum deposition process, 15117
- Aluminum oxide, *see* Alumina.
- AM series, 14243
- AMC, *see* Army Materiel Command.
- Amebiasis, occurrence, sources and methods of infection, symptoms, etc., 15280
- America, building rural, rural areas development, press reports, 14597
- Amplifiers, USSR all-Union scientific session devoted to radio day, 14941
- Analysis, *see* names of substances analyzed.
- Analytical Mass Spectrometry Section, instrumentation and procedures for isotopic analysis, 15209
- Anatomical and aeronomic studies of phormium in western Oregon, 14150
- Anatomy, human body density and fat measured by water displacement of adult male, 14235
- Anderson, Norman G., zonal centrifuges and ancillary systems for tissue fractionation and analysis, 15289
- Anderson, William W., shrimp and shrimp fishery of southern United States, 14654
- Andrastek, Donald A., cost, etc., evaluation of automated cargo delivery systems in Army aircraft, 14233
- Andreassi, John L., physiological correlates of learning and overlearning, 15251
- Anesthesia, *see* Electrocerecrosis.
- Animals:
burned, toxic and serological shifts in blood, USSR study, 14879
small-animal payload integration with sounding rocket, 15081
see also Diseases of animals.
- Annapolis, Md., *see* Naval Academy, Annapolis.
- Annuities, trusts, tax exemption, procedures and guides for qualification under Internal revenue code, 14779
see also Civil service pensions.
- Anomalies:
gold geochemical, Cortez district, Nev., 14751
southwestern Sakhalin, nature of gravity, USSR study, 14805
- Antarctic regions, aerial-photographic, topographic-geodetic and cartographic work of Soviet Union, 14866
- Antarctica, *see* Antarctic regions.
- Anthropometry, human body density and fat measured by water displacement of adult male, 14235
- Antidotes, *see* Poisons.
- Antimony, minerals yearbook chapter, 14999
- Anti-poverty program, *see* Poverty.
- Apanasewicz, Nellie, textbooks for Soviet schools, 14565
- Aphids, balsam woolly aphid eggs, collection techniques, 14710
- Aplite, minerals yearbook chapter, 15005
- Apples, sorting and sizing before storage with prototype hydrohandling system, 14112
- Applesseed, Johnny, 5-cent commemorative postage stamp (poster), 15260
- Apollo Project, *see* Project Apollo (man-in-space program).
- Apprentices:
automobile mechanic, body repairman and painter, apprenticeship and training standards, 14201
dental laboratory technicians, apprenticeship and training policy, 14200
- Appropriations, legislative, 1967, report, 14395
see also Government offices—*also* subjects, or names of departments, etc., for which appropriations are made.
- Appropriations Committee, House, hearings, 14408
- Appropriations Committee, Senate, hearings, 14471-472
- Apricots, production, use, value, 1964-65, by States, 15379
- APRO, *see* Army Personnel Research Office.
- Aquatic animals, morphological features, USSR study, 14921
- Arago, AIC 60C, lunar chart, 14180
- Araucanus National Wildlife Refuge, general information, 14658
- Are welding, *see* Welding.
- Architect of Capitol:
appropriations, 1967, legislative, report, 14395
report, semiannual, 14419
- Architecture:
architectural-engineering documents for health research facilities construction grants, guidelines, 15267
Army medical facilities, design technical manual, change, 14224
- Arctic Ocean, Soviet, lunar-solar semi-monthly and monthly tides, USSR study, 14796
- Arctic regions:
and subarctic construction site selection and development, Army technical manual, 14226
biology and medicine symposia, proceedings, 14185
emergency construction, technical manuals—
general provisions, 14227
site selection and development, 14228
- Area wage surveys, *see* Wages.
- Argentina-Uruguay boundary, study, 15342
- Argon, reaction of coal in argon and argon-hydrogen plasmas, 15030
- Arizona:
census of manufactures, 1963, area statistics, 14250
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
nonpegmatitic beryllium occurrences, 15029
- Armed Forces:
additional accumulation of leave in certain foreign areas, hearings, 14410
members, motor vehicles, transportation at Government expense, amend U.S. Code, hearing, 14409
women, 14204
- Armed Forces Industrial College, *see* Industrial College of Armed Forces.
- Armed Forces Information and Education, DOD pamphlets, 14203-205
- Armed Forces Institute, correspondence courses offered by colleges, etc. DOD pamphlet, 14203
- Armed Services Committee, House:
committee print, 14408A
hearings, 14409-412
- Armed services papers, 14409-412
- Arms (firearms), *see* Firearms.

- Arms Control and Disarmament Agency, telephone directory, 15344
- Army:
- aircraft, automated cargo delivery systems, cost, etc., evaluation, 14233
 - enlisted personnel dining facilities, technical manual, 14225
 - facilities, basic criteria and construction standards, technical manual, 14222
 - history, painting exhibit at Pentagon, 14213
 - medical facilities, design, technical manual, change, 14224
- Army Aviation Materiel Laboratories, technical reports, 14232-233
- Army Department:
- maintenance of combat vehicles, GAO review, 14736
 - pamphlets, 14214-219
 - technical manuals, 14222-231
- Army hospitals, *see* Military hospitals.
- Army Materiel Command, AMC pamphlets, 14208-209
- Army Medical Research and Nutrition Laboratory, Fitzsimons General Hospital, report, 14235
- Army Personnel Research Office, USAPRO technical research note, 14234
- Army rations, *see* Rations.
- Arnhoff, Franklin N., National Institute of Mental Health student research stipend program in social work, 15290
- ARS series, 14100-113
- Art, *see* Paintings.
- Arthritis, *see* Osteoarthritis—Rheumatoid arthritis.
- Artificial satellites, *see* Satellites.
- Ashby, Lowell D., growth patterns in employment by county, 1940-50 and 1950-60, Far West, 14247
- Asia:
- central, statistical structure of wind field, USSR study, 14877
 - Soviet Central, Volga Germans, 14934
 - United States policy, report, 14387
 - United States trade, 1963-65, Communist areas, 14327
- Asian Development Bank, ceremonies marking deposit of United States' instrument of ratification (remarks), 15400
- Aspen, Minnesota's, and projected supply, 14703
- Assets and liabilities, *see* Banks and banking.
- Astronautics:
- manned space flight, influence on cardiovascular function, 14196
 - physiological methods in cosmonautics, USSR study, 14821
 - see also* Navigator (interplanetary) missions.
- Astronauts, ability to establish lunar orbit using simplified guidance technique, 15154
- Astronomy, space, 1958-64, significant achievements, 15080
- Atlantic Coast:
- storm warning facilities chart—
 - Eastport, Me. to Montauk Point, N.Y., 15418
 - Montauk Point, N.Y. to Manasquan, N.J., 15419
- Atlantic Coast Line R.R., accident, 14785
- Atlantic Ocean, radio navigational aids, change, 15238
- Atlantic States:
- Middle, manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
 - soil sampling small wetland forest plots in Coastal Plain, 14711
 - south Atlantic region, standard metropolitan statistical areas, facts for marketers, 14246
 - South, manufacturing plants, location by county, industry, and employment size, 14258
- Atlases, Indian Ocean, bathythermograph data, 15231
- Atmosphere:
- particles, settling rate, USSR study, 14911
 - planetary, continuing bibliography, 15091
 - upper—
 - hydromagnetic wave propagation near 1 c/s, 15211
 - radioactivity sampling, agreement with Australia, 15362
- Atmospheric entry:
- Project Sparta in Australia, agreement with Australia and United Kingdom, 15348
 - tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
- Atmospheric refraction, effects on sonic-boom ground-pressure patterns, 15152
- Atomic energy:
- application of safeguards by IAEA, agreement with Austria, 15345
 - peaceful uses, Bulgaria, progress noted at session of permanent commission, 14952
- Atomic Energy Commission, AEC research and development reports, 14236-237
- Atomic physics, *see* Nuclear physics.
- Atomic warfare, civil defense and current damage limiting studies (speech), 14292
- Atomic weapons, *see* Weapons.
- Atomization, ethanol jets in combustor with oscillatory combustion-gas flow, 15147
- Attenuation, radiation from artificial earth satellites, USSR study, 14890
- Attitude control, *see* Spacecraft.
- Attorney General, *see* Justice Department.
- Auditing, *see* for audit reports, names of corporations, etc.
- Aukerman, Carl A., rocket performance of Apollo storable propellants in engines with large area ration nozzles, 15175
- Ausmus, Norma F., current employment market for engineers, scientists and technicians, 14567
- Australia:
- Project Sparta, flight reentry program, agreement, 15348
 - radioactivity sampling of upper atmosphere, agreement, 15362
- Austria, atomic energy, cooperation for civil uses, application of safeguards, agreement, 15345
- Authors, L.C. national union catalog, cumulative list, register of additional locations, 14986
- Automatic protective vent has fail-safe feature, 15099
- Automation:
- aircraft cargo delivery systems, cost, etc., evaluation, 14233
 - automatic instruments and equipment, production, USSR study, 14928
 - automatic regulation and control, USSR studies, 15203
 - cybernetics and automation, USSR studies, 14810
 - manpower, research monographs, 14961
 - synthesis of nonlinear control laws, USSR study, cancellation, 14790
- Automobile-body repairmen, apprenticeship and training standards, 14201
- Automobile mechanics, *see* Mechanics (persons).
- Automobile painters, *see* Painters.
- Automobiles:
- consumer buying intentions, 14278
 - crankcase ventilation systems, performance, 15293
 - travel by Federal employees, cost reductions through use of Govt.-owned vehicles, GAO report, 14730
- Automotive trades, *see* Motor vehicles.
- Aviation, *see* Aeronautics.
- Aviation accidents, *see* Aircraft accidents.

INDEX

Aviation machinists mate J 1 & C, Navy training course, 15241
 Aviation medicine, *see* Medicine.
 Aviators:
 comfortable approach speed criteria derived from closed-loop pilot-vehicle systems analyses, application to ogee wing aircraft, 15072
 gyroplane commercial pilot, flight test guide, 14683
 human tracking performance in uncoupled and coupled 2-axis systems, 15045
 motion sickness, speed of recovery from coriolis stimulation, 14194
 pilot describing function measurements in multiloop task, 15052
 pilot proficiency, assessment, 15250
 pilots and flight instructors, certification, Federal aviation regulations, change, 14602
 Awards (arbitration):
 National Railroad Adjustment Board, 15226-228
 Awards (Incentive), *see* Rewards (prizes, etc.).
 Axial compression, buckling of imperfect cylinders, 15051
 Axial flow, *see* Flow.
 Ayudando a la gente en grupos, seis documentos de trabajo presentados en el Seminario sobre Servicios de Grupo, 14584
 Azerbaydzhan Soviet Socialist Republic, water resources of administrative regions, estimate, 14892

B

Baber, Clayton E., Fortran IV 2-dimensional discrete angular segmentation transport program, 15178
 Bail, agency, establish in D.C., report, 14454
 Baker, B. B., Jr., glossary of oceanographic terms, 15239
 Bakers and bakeries, bakery products companies, 1959-64, ownership changes made, 14539
 Balance of payments:
 and discriminatory ocean freight rates, hearings, 14369
 commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
 discriminatory ocean freight rates, report, 14370
 saving dollars through use of foreign currencies to transport personnel effects abroad, GAO report, 14728
 Bald eagle, *see* Eagles.
 Baldanza, Nicholas T., fiber reinforced thermoplastics, 14521
 Balloons, radioactivity sampling of upper atmosphere, agreement with Australia, 15362
 Balsam fir, *see* Fir.
 Banking woolly aphids, *see* Aphids.
 Baltic Sea, sailing directions, change, 15233
 Baltimore, Md., reduced defense spending, potential impact, 14207
 Bamboo, fiber and papermaking characteristics, 14164
 Bangkok, Thailand, U.S. trade center, 14783
 Banking and Currency Committee, House:
 committee print, 14413
 hearings, 14414
 list of publications, hearings and committee prints, 89th Congress, 14413
 report, 14388
 Banking and Currency Committee, Senate, hearings, 14474-477

Banks and banking:
 assets, liabilities, capital accounts, commercial and mutual savings banks, 14624
 control of time and savings deposits (address), 14623
 insured banks, maximum rates of interest paid, regulation, hearing, 14476
 interest payable on deposits, etc., provide more flexible regulation of maximum rates, hearing, 14474
 monetary policy and allocation of commercial bank credit (remarks), 14637
 see also Federal land banks—Federal reserve member banks—*also* names of banks or places where located.
 Bargaining cooperatives look to future, 14595
 Barnes, Farrell F., geology and coal resources of Beluga-Yentna region, Alaska, 14746
 Baron, Norton, manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
 Barr, Joseph W.:
 remarks—
 Aug. 16, 1966, 15400
 Sept. 13, 1966, 15399
 Barracks and quarters, charges for Government-owned quarters at Mount Edgecumbe, Alaska, by Public Health Service, GAO review, 14735
 Bascom, W. D., adhesion of ice to hydrophobic surfaces, 15252
 Bathythermographs, atlas of data, Indian Ocean, 15231
 Batte, William G., digital higher order interpolation path controller, 15182
 Battlefields, *see* names of certain national parks, etc.
 Battles, *see* names of battles, or places where fought.
 Bayard-Alpert ionization gages, *see* Ionization gages.
 Beach erosion, *see* names of localities.
 Beams, uniform, with linearly varying in-plane and axial load, eigenvalue problem, 15056
 Bear River Migratory Bird Refuge:
 birds, list, 14665
 general information, 14657
 Bearings (machinery):
 bearing alloys with hexagonal crystal structures provide improved friction and wear characteristics, 15103
 Beaufait, William R., fire planning in Inter-mountain West, 14713
 Beautification:
 America, 5-cent commemorative postage stamp, 15259
 preservation of America's natural beauty and enhancement of landscape, Federal-State coordination (remarks), 14328
 Beck, W. J., Northwest Shellfish Sanitation Research Planning Conference, proceedings, 15276
 Beef, exports, expand, hearings, 14505
 Beetles:
 California, 5-spined ips, general information, 14696
 western pine, general information, 14694
 Bell, G. R., quality feed water for Webster, S. Dak., electrodiagnosis plant, 14773
 Bellzla, Josephine A., relief, 14349
 Beluga-Yentna region, Alaska, geology and coal resources, 14746
 Benzimidazole, *see* Polybenzimidazoles.
 Berg, A. I., interview on programmed instruction, Chairman of Interdepartmental Scientific Council on Programmed Instruction, USSR, 14791
 Berkeley County, W. Va., soil survey report, 15334
 Bernot, Peter T., static stability characteristics of cone, etc., configurations, 15162

- Berries, production, use, value, 1964-65 by States, 15379
- Bertram, Mitchel H., hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
- Beryllium:
chemistry of beryllides, USSR study, 14854
nonpegnmatitic occurrence in Arizona, etc., 15029
- Bethlahmy, Nedavia, controlling soil movement from steep road fills, 14699
- Bettendorf, Edna S., relief, 14354
- Beverages, vending, food sanitation requirements, 14997
- Bibliography:
aerospace medicine and biology, 15090
agriculture, library list, 15204
crambe abyssinica, 14543
environmental engineering and food production, 15272
flood damage prevention, index, 15389
forest genetics and related research, annotated, 14715
lasers and masers, 15089
marketing economics research publications, 14534
medical translations, 15219
North American geology, 14748
plant location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982
red-winged blackbird, 14677
regional cotton mechanization research projects S-2 and W-24, 14104
retail credit and collections, 15324
right-of-way acquisition, supplement, 15313
scientific documentation, current research and development, 15320
small business, 15324
soybean, processing and utilization, 15205
technology transfer and innovation, 14829
see also names of departments, etc., issuing lists of publications.
- El bienestar social en un mundo en desarrollo, la función del bienestar social en el proceso de desarrollo, 15425
- Bienvenidos a los Estados Unidos de Norte America, 15401
- Blenvenue aux Etats-Unis!, 15402
- Bills (congressional):
armed services, hearings on miscellaneous bills, 14412
- Bioassay. *see* Biological assay.
- Biochemistry, intraspecies biologic and behavioral variability, 14193
- Biography, sketch of Soviet chemical scientist academician N. N. Semenov, 14882
- Biological assay, evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
- Biological chemistry. *see* Biochemistry.
- Biological Laboratory, Gulf Breeze, report, 14651
- Biological products, produced in licensed establishments, list, 14119
- Biological Sciences Department, Academy of Sciences Kazakh SSR, scientific activity of institutions, 14923
- Biological warfare, agents, Yugoslav comment, 14899
- Biology:
aerospace, bibliography, 15090
arctic biology and medicine symposia, proceedings, 14185
development of biological research in Hungary, 14834
Hungary, biological sciences, development, 14835
solute and water transport across biologic membranes, 14774
- Bionics, status and trends in development, USSR study, 14950
- Birch, yellow seedlings, growth response to humus-mineral soil mixtures, 14705
- Birds:
Bear River Migratory Bird Refuge, list, 14665
Great Meadows National Wildlife Refuge, list, 14666
Havasu Lake National Wildlife Refuge, list, 14662
Isle Royale in Lake Superior, 14676
Laguna Atascosa National Wildlife Refuge, list, 14664
protected by Federal law, list, 14680
Santee National Wildlife Refuge, list, 14663
Swan Lake National Wildlife Refuge, list, 14667
William L. Finley National Wildlife Refuge, list, 14668
- Birth control, oral contraceptives, FDA report, 14685
- Bittker, David A., hydrogen-fluorine propellant system, 15195
- Blackbirds, red-winged, selected bibliography, 14677
- Blackwell, James A., Jr., supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle, 15139
- Blade, Robert J., attenuation of sinusoidal disturbances in nonviscous liquid flowing in long line with distributed leakage, 15171
- Blades, element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
- Blair, R. E., long-term performance of rubidium vapor frequency standards, 15210
- Blood:
burned animals, toxic and serological shifts, USSR study, 14879
existence of plasma flow in pericapillary lymph space, 15146
glucose levels in adults, 15309
- Blood pressure, renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
- BLS report series, 14968-969
- Blue spruce, *see* Spruce.
- Bluestem, Flint Hills, and Osage pasture report, Kansas and Oklahoma, 15375
- Blunt bodies, roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149
- Board of Foreign Scholarships, *see* Foreign Scholarships Board.
- Body measurements, *see* Anthropometry.
- Body weight, density and fat of adult male population measured by water displacement, 14235
- Boilers, materials, construction, etc., marine engineering regulations, 14316
- Boiling, nitrogen, visual study of velocity and buoyancy effects, 15138
- Boland, John V., Construction Co., *see* John V. Boland Construction Co.
- Bolin, Stanley F., team procedures in image interpretation, 14234
- Boll weevils, *see* Weevils.
- Bolles, Edgar H., talk, May 4, 1965, 14742
- Bonavito, N. L., computation procedure for Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, 15170
- Bonding of materials, dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
- Bonds, TVA power program financing, increase limitation, hearing, 14503
- Books:
former Communist Party chairman publishes books, 14903
Last battle, by Cornelius Ryan, Soviet colonel reviews, 14925
Library of Congress author catalog, register of additional locations, 14986
library, price fixing, hearings, 14492
see also Textbooks.
- Boosters (rocket), *see* Rockets.

INDEX

- Boron:
deoxidized copper withstands brazing temperatures, 15092
minerals yearbook chapter, 15000
- Boron hydrides, pharmacology and toxicology, 14188
- Botanic Garden, appropriations, 1967, legislative, report, 14395
- Boulder County, Colo., land conveyance to W. F. Stover, 14357
- Boundaries, international boundary study, 15342
- Boundary layer:
laminar and turbulent—
hypersonic pressure and heat transfer tests, 15047
pressure and heat transfer tests on surface roughness elements, 15049
transition, roughness effects for blunt-leading-edge plates, 15149
- Bowen, Hugh M., study, assessment of pilot proficiency, 15250
- Bowie, Robert R., nomination, hearings, 14481
- Boycotts, private boycotts vs. national interest, 15338
- Bradley, Nell B., disabling work-injury experience of oil industry and natural gas industry in U.S., 15004
- Brakensiek, D. L., storage flood routing without coefficients, 14102
- Brantford, Fla., railroad accident, 14785
- Branstetter, J. Robert, surface temperature measurement by optical and ratio pyrometers, 15193
- Brazing, *see* Solder and soldering.
- Breakwaters, rubble-mound designs for Dana Point Harbor, Calif., hydraulic model investigation, 14575
- Brenner, Edward J., address, Sept. 13, 1966, 15256
- Bricker, Neal S., solute and water transport across biologic membranes, 14774
- Brimmer, Andrew F., remarks, Sept. 11, 1966, 14637
- Briquets, mineral yearbook chapter, 15006
- Broadcasting, *see* Radio broadcasting—Radio stations.
- Broilers, *see* Chickens.
- Brown, H., navigator study of electric propulsion for unmanned scientific missions, 15066
- Brown, James K., firebreak maintenance with soil sterilants, 14707
- Buckley, Donald H.:
friction characteristics—
aluminum oxide in contact with various metals in vacuum, 15185
single crystal and polycrystalline aluminum oxide in contact in vacuum, 15190
- Buckling, *see* Strains and stresses.
- Budget Bureau:
Interagency Committee on Occupational Classification, collection and classification procedures in Federal agencies, progress report, 14245
legislative policy, hearing, 14404
working papers, 14244-245
- Bugg, Frank M., low-speed tests of 50°-swept parawings applied to 0.17-scale model of manned flight vehicle, 15144
- Building:
college campus construction and rehabilitation, 14556
construction projects, fire safety (talk), 14742
housing construction, 1889-1964, statistics, 14280
mortgage credit for residential construction, stimulate flow, hearing, 14474
permits, 14263
housing authorized, summary statistics, 14263
school and hospital construction program, agreement with Burma, 15370
- Building rural America, 14597
- Buildings, seismic design, Army technical manual, 14223
- Bulgaria:
Central Council of Trade Unions, officers, members, etc., 14848
inventors and efficiency experts receive awards, 14951
National Assembly's permanent commission on industry and energy progress noted at session, 14952
scientific and technological progress, 14954
- Bulletins, *see* Farmers' bulletins—also names of departments, etc., issuing bulletins—also subjects.
- Burma:
agricultural commodities, agreement, 15370
school and hospital construction program, agreement, 15370
- Burnett, Earle S., calibration of rotating piston deadweight gage by means of mercury column, 15025
- Burt, Eddie C., boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106
- Buses, *see* Motorbuses.
- Business:
census, 1963, area statistics, announcement and order form, 14248
county business patterns—
CBP series, 14264-268
1964 bound volumes—
announcement and order form, 14268
Pennsylvania-Wyoming, 14267
executives march ahead, Ghana request shows progress by U.S. volunteer international corps, 14781
international, publications, checklist, 14782
oversens business reports, 14323-14327
scientific and technological advances, State-Federal coordination (remarks), 14328
small business—
bibliographies, 15324
distribution problems, hearings, 14495
export marketing, manual, 15323
investment act amendments of 1966, hearings, 14477
regional procurement, New York State, hearings, 14506
role in air transportation industry, hearings, 14442
- Buying, *see* Purchasing.

C

- C.A.B., *see* Civil Aeronautics Board.
- C&MS, *see* Consumer and Marketing Service.
- C.C.C., *see* Commodity Credit Corporation.
- C.R.R.E.L., *see* Cold Regions Research and Engineering Laboratory.
- CAB, *see* Civil Aeronautics Board.
- Cabbage caterpillars, chemical compounds for control, field evaluation, 14100
- Cable, Louella E., plankton, 14653
- Cables, length determinations for deep-sea oceanographic operations, 14314
- Calculators, *see* Denalt performance computers.
- Calculus, propositional, machine search algorithm for derivation, USSR study, 14856
- Calibration, rotating piston deadweight gage by means of mercury column, 15025
- California:
five-spined ipsis, 14696
Indians judgment funds, disposition, hearings, 14427
- Call, David L., private label products in food retailing, 15218
- Callipteridae, *see* Tinsleya.
- Callis, Linwood B., analysis of supersonic flow phenomena in conical nozzles by method of characteristics, 15164
- Calloway, Anthony A., relief, 14344

- Cameras, television, use of junction connectors for strategic placement, 15121
- Canada:
- loan of vessels, extension, agreement, 15354
 - sewage disposal system, agreement, 15372
 - steel jacks, determination of likelihood of injury, 15386
- Cancer, community health planning grants, 14757
- Cantrell, George K.:
- factors in job-satisfaction, 14191
 - analysis of spontaneous comments, 14192
- Capella, AIC 79A, lunar chart, 14182
- Capillaries, dynamics, and existence of plasma flow in pericapillary lymph space, 15146
- Capital of United States:
- regional development guide, 1966-2000, National Capital area, 15213
 - welcome to Washington, 15224
- Capital stock tax, State taxation of interstate commerce, report, print additional copies, report, 14461
- Carbon, liquid uranium, metal, and carbon systems, vaporization, 15076
- Cardiac activity, *see* Heart.
- Cardiography, phase analysis of cardiac activity, USSR study, 14953
- Cardiovascular system:
- manned space flight, influence on cardiovascular function, 14196
 - monitoring, NASA contributions, 15084
- Careers, *see* Civil service—Government officials and employees—Occupations.
- Cargo, *see* Shipping.
- Cargo handling:
- automated delivery systems in Army aircraft, cost, etc., evaluation, 14233
 - rigging cargo gear, 14965
- Cargo services, *see* Air carriers.
- Carlson, R. L., buckling of complete spherical shells, 15037
- Carlson stress meter, improved, supplementary tests, 14576
- Carpenter, Eugene M., forest-product imports and exports via Great Lakes-St. Lawrence Seaway through upper lakes ports, 14706
- Carpenter, John A., evaluation of 2 percent gold visor, 14195
- Carpets, Wilton, Brussels, etc., Tariff Commission report, 15388
- Carriers, interstate, water supplies, by States and Public Health Service regions, inventory, 15285
- see also* Telegraph—Telephone.
- Cartographers, examination announcement, 14298
- Cartography, *see* Maps and charts.
- Caspian depression, southeastern margin, structure, USSR study, 14806
- Cataloging, cataloging handbook, II series, 14514
- Catalogs:
- Civil Rights Commission publications, 14294
 - Federal Aviation Agency Academy, 14598
 - films, 1966, Public Health Service, 15299
 - Library of Congress, national union catalog, register of additional locations, 14986
 - meteorological satellite data, television cloud photography—ESSA I, 14580
 - TIROS VIII, 14579
 - stores stock catalog, hand tools, supplement, 14646
- Catalysis, surface activity, effect of discontinuities on laminar heat transfer, 15198
- Caterpillars, *see* names of caterpillars.
- Catfish, parasites, 14652
- Cathey, Henry M., growing flowerling perennials, 14138
- Cattle, fed, 1962-64, marketed, number, 15383
- Cattle ranches, *see* Ranches.
- Caucasus, Greater, water resources of administrative regions, estimate, 14892
- CCC, *see* Commodity Credit Corporation.
- Census:
- business, 1963, area statistics, announcement and order form, 14248
 - manufactures, 1963—
 - area statistics, 14250-253
 - special reports, 14254-260
 - mineral industries, 1963, industry statistics, 14261-262
- Census Bureau, publications on governments, recurrent reports scheduled, 14281
- Central nervous system, *see* Nervous system.
- Central States:
- East North, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
 - East South Central division, manufacturing plants, location by county, industry, and employment size, 1963 census, 14259
 - north central region, rural farm population consumer expenditures and income, 14117
 - West North Central Division, manufacturing plants, location by county, industry and employment size, 1963 census, 14257
- Centrifuges, zonal and ancillary systems development for tissue fractionation and analysis, 15289
- Certificates, *see* types of certificates or subjects involved.
- Cesium:
- determination by flame photometry, 15023
 - multiple adsorbates, cesium with fluorine on molybdenum and tungsten, desorption kinetics, 15187
- Cetacea, toothed cetaceans (odontoceti), structure of population, USSR study, 14922
- Ceylon, investment guaranties, agreement, 15347
- Chalmette National Historical Park, general information, 15220
- Chambers, Harriet C., relief, 14338
- Chamizal Memorial Highway, construct border highway along U.S. bank of Rio Grande, report, 14390
- Chapman, Jane R., Oak Glen, training camp for unemployed youth, 14961
- Charleston, W. Va., area wage survey, metropolitan area, 14971
- Charts, *see* Maps and charts—*also* subjects.
- Check lists, *see* subjects.
- Chemical analysis, *see* names of substances analyzed.
- Chemicals:
- coal, mineral industry survey, advance data, 14998
 - compounds, control of cabbage caterpillars, field evaluation, 14100
 - Hungarian Chemical Society, 1966 general assembly, report, 14933
- Chemistry:
- chemistry of beryllides, USSR study, 14854
 - Mendeleev Society 1965 prize winners, USSR, 14930
- Chemists, examination announcement, 14302
- Chen, Li Tsn (Nako):
- relief, 14361
- Chen, Ta Shen, stresses in rock disk subjected to peripheral thermal shock, 15024
- Cherries:
- firmness and its relationship to pitter loss, 14105
 - production, use, value, 1964-65 by States, 15379
- Chicago, Ill., area wage survey, metropolitan area, 14970

INDEX

- Chickenpox, health information, 15279
- Chickens:
broiler-fryers, homemakers' opinions and preferences, 14141
number raised, 1966, estimates, 15376
- Child welfare institutions, quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282
- Children:
mentally retarded, social security benefits, 15329
school health program, outline for school and community, 15302
sleep and electric sleep, USSR study, 14850
- Children's Bureau, publication, 14282
- Chilling injury of eggplant fruits, 14140
- Chilman, Catherine S., social, psychological and economic aspects of alcoholism, 15428
- Chimeras, radiation, and transplant immunity, USSR study, 14920
- China:
Communist, military, political, and economic policy, present and immediate future, report, 14387
people's war, 20th anniversary of victory, commemoration, national policy, etc., 14690
political geography, Chinese study, 14808
- Chinitz, Benjamin, paper, Sept. 1, 1966, 14722
- Cholinesterase, metallic complexes role in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943
- Chouman, Yusef A., relief, 14356
- Chromatography:
chromatographic separation, radiochemical water analysis in reactor, USSR study, 14852
thin-layer, cleanup and confirmation of identity of pesticide residues, 14113
- Chargin, James, International Indian Ocean Expedition track charts, 15232
- Cigars, U.S. cigar leaf tobacco, changed market, 14540
- Cincinnati, Ohio, automobile crankcase ventilation systems, performance, 15293
- Circuit Court of Appeals uniform civil appellate rules, report, 14455
- Circuits, low power nanosecond pulse and logic elements using tunnel diodes, 15168
- Circulars, see names of departments, etc., issuing leaflets.
- Cities and towns:
center of our society, the American city (remarks), 15261
city demonstration programs, report, 14388
community adjustment to reduced defense spending, 14207
community employment program, developments, 14568
demonstration cities program, general information, 14760
metropolitan areas, population, provisional estimates, 14274
transportation problems (remarks), 15316
- Citric acid, nonhazardous acid etches weld samples, 15108
- Citrus fruit, Florida cooperatives, pooling after 1962 freeze, 14142
- Civil Aeronautics Board:
economic regulations, 14284
safety investigation on regulations, rules pertaining to aircraft accidents, etc., 14287
special regulations, 14288
U.S. air carriers, list, 14285
- Civil aviation, see Aeronautics.
- Civil defense, see Civilian defense.
- Civil Defense Office:
FG series, 14289
leaflets, 14290
technical memorandum, 14291
technical report, 14292
- Civil procedure, U.S. Courts of Appeals, uniform civil appellate rules, report, 14455
- Civil rights:
act of 1964—
interpretations issued, etc., by Equal Employment Opportunity Commission, digest, 14582
sex discrimination in employment, 15430
act of 1966, hearings, 14493
housing, education, etc., hearing before Civil Rights Commission, 14293
miscellaneous proposals, hearings, 14493
White House Conference, To Fulfill These Rights, report, 15429
- Civil Rights Commission:
hearing, 14293
publications catalog, 14294
- Civil service:
career opportunities, economists, 14304
examination announcements—
cartographer, 14298
chemist, mathematician, physicist, engineer, metallurgist, amendment, 14302
current, 14305
digital computer systems operator, 14300
economist, amendment, 14304
engineering and scientific technician, suspension notice, 14312
entomologist, 14307
Federal service entrance examination, 1967, 14310
geodesist, 14295
geophysicist, 14296
job opportunities, local and regional, 14311
mathematical statistician, amdt., 14303
meteorologist, 14299
pathologist, forest and forest products, 14307
savings and loan examiner, discontinuance notice, 14306
statistician and survey statistician, amdt., 14303
surveying aid, 14301
technical aids in science and engineering, amendment, 14297
see also Government officials and employees.
- Civil service pensions, survivors of reemployed annuitants, computing annuities, report, 14465
- Civil War, 1861-65, official records of Union and Confederate Armies guide-index, prospectus, 14313
- Civil works, see Public works.
- Civilian defense:
background, and current damage limiting studies (speech), 14292
fallout shelter analysts, national directory, 14289
FG series, 14289
professional development services to aid in providing fallout shelters, 14290
- Clarke, James W., bibliography of North American geology, 1962, 14748
- Class struggle, classes and class struggle in Turkey, USSR study, 14898
- Classification:
Government publications available to depository libraries, 15264
Soviet, universal classification table, some principal divisions, 14878
- Clergy, Soviet clergymen attacks U.S. action in Dominican Republic, 14904
- Climate, is it possible to influence, USSR study, 14797
- Clinical medicine (USSR periodical):
translations, 14827
- Closures, single service, for milk and milk products, fabrication, sanitation standards guide, 15278
- Clothing, young people's use and appraisal of natural and competing fibers in wearing apparel, 14144
- Cloud modification, see Weather control.

- Clouds:
 high-level mesovortex, characteristics, USSR study, 14875
 numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795
 television photography, meteorological satellite data, catalogue—
 ESSA 1, 14580
 Tiros VIII, 14579
- Clover, *see* White clover.
- Clutches (machinery):
 diaphragm spring gives clutch over-center toggle effect, 15094
- Coal:
 chemicals, mineral industry surveys, 1965 advance data, 14998
 forms of sulfur in U.S. coals, 15010
 Mongolia, industry, USSR study, 14865
 reaction in argon and argon-hydrogen plasmas, 15030
 resources of Beluga-Yentna region, Alaska, 14746
 Webster County, W. Va., preparation characteristics, 15026
- Coalition governments, anatomy of Communist takeovers, study, 14497
- Coast and Geodetic Survey, technical bulletin, 14314
- Coast Guard, oceanographic report, 14317
- Coastal Plain, *see* Atlantic States.
- Coastal warning facilities chart:
 Eastport, Me. to Montauk Point, N.Y., 15418
 Montauk, Point, N.Y. to Manasquan, N.J., 15419
- Coates, Edward M., jr., stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations, 15155
- Cobalt, minerals yearbook chapter, 15001
- Code of Federal regulations, general provisions, 14636
see also for titles, chapters, etc., of the code printed separately, subject involved.
- Cogle, B. A., transfer of land title in Marengo County, Ala., 14365
- Cohan, S., XV-9A hot cycle research aircraft program, summary report, 14232
- Cohn, Edward A., ownership changes made by bakery and dairy products companies, 14539
- Coke:
 mineral industry survey, 1965 advance data, 14998
 producers in U.S., 15002
- Colaluca, Mario A., heat-rejection characteristics of space radiator panels utilizing shared fins, 15189
- Cold (weather):
 nutritional requirements for survival in cold and at altitude, symposia, proceedings, 14185
- Cold Regions Research and Engineering Laboratory:
 research report, 14210
 special report, 14211
 technical report, 14212
- Coleman, James S., equality of educational opportunity, 14551
- Coleman, Ralph E., infrared spectroscopy studies of xanthogalenic system, 15021
- Coles, Willard D., superconducting magnetic bottle for plasma physics experiments, 15186
- Colleges and universities:
 facilities, construction and rehabilitation on campuses, 14556
 rights granted to institutions of higher learning suggested expansions, USSR study, 14924
 sea grant colleges and program act, hearing, 14431
 selective service, college qualification test, bulletin of information, 15322
- Collins, LeRoy, address, Sept. 1, 1966, 14319
- Collins, Vincent P., physiological observations on race car drivers, 15068
- Colombia:
 patent, trademark, industrial design and copyright protection, 14326
 trade in cotton textiles, agreement, 15367
- Colorado:
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 nonpegmatitic beryllium occurrences, 15029
- Colorado River Basin project, construct, etc., report, 14392
- Columbium, *see* Niobium.
- Combat vehicles, *see* Motor vehicles.
- Combustion, physics of, USSR research, 14958
- Combustion gases, *see* Gases.
- Combustors, ethanol-jet atomization with oscillatory combustion-gas flow, 15147
- Commerce:
 domestic and foreign, promote by modernizing practices relating to inspection of persons, merchandise, etc., report, 14460
 economic impact of U.S. ocean ports, 14988
 expanded commercial trade in developing countries (address), 14125
 foreign trade and markets, publications available, directory, 14625
 foreign trade, United States 1958-65, 14324
 United States trade with Communist areas in eastern Europe and Asia, 14327
see also names or classes of articles of commerce.
- Commerce Committee, Senate:
 committee print, 14479
 hearings, 14478
 history, membership, and jurisdiction, 150th anniversary, 14448
 reports, 14456-457, 14459-460, 14463-464, 14466
- Commercial banks, *see* Banks and banking.
- Commercial fisheries, *see* Fish and fisheries.
- Commercial Fisheries Bureau:
 Biological Laboratory, Gulf Breeze, report, 14651
 fishery motion pictures, 14655
- Commercial growing of sweet corn, 14135
- Commercial policy, private boycotts of Communist countries vs national interest, 15338
- Commercial policy series, 15338
- Commissarymen, 3 & 2, Navy training course, 15242
- Commission on Revision of Federal Criminal Laws, establish, hearings, 14429
- Commissions, *see* names of commissions.
- Commodities, *see* Agricultural products.
- Commodity Credit Corporation, financial statements, 1965, GAO examination, 14381
- Communications:
 satellites, historical background, etc., 15078
 Soviet research with dolphins, 14957
 vital to cooperatives, 14592
see also Wire communication.
- Communism:
 anatomy of Communist takeovers, study, 14497
 Eastern Europe, science and Communist society, USSR study, 14929
 Marxism-Leninism, developed through struggle against left-wing and right-wing opportunism, North Korean study, 14820
 private boycotts vs national interest, 15338
- Communist China, *see* China.
- Communist Party of Soviet Union, activities of Maksim Litvinov as ISKRA agent, 14837
- Communist Party of Sweden, former chairman publishes book, 14903

INDEX

- Communities, *see* Cities and towns.
- Community development programs:
development district act of 1966, rural America, planning of public services, etc., hearings, 14403
social welfare's place in process of development—
French edition, 15426
Spanish edition, 15425
we can help clear the air, Jaycee community action program, 15311
- Community health, *see* Health.
- Community surveys, odor surveys and evaluation (paper), 15274
- Companies, filing annual reports with SEC, directory, 15321
- Composite materials:
filamentary, mechanics, errata, 15037
gaskets, compatible with liquid oxygen, etc., 15125
glass-resin, initiation of failure mechanisms, 15039
micromechanics, stresses and failure mechanics induced by inclusions, 15073
non-glassy inorganic fibers and composites, 15086
tungsten-fiber-reinforced copper, electrical resistivity and conductivity, 15183
- Composites:
cylindrical, precision winding with shaped glass filaments, 15038
low density, high strength high modulus, study, 15041
- Compounds, *see* names or classes of compounds, or purpose for which used.
- Computers, *see* Denalt performance computers—Electronic computers—Perception.
- Conceptual design study for Mars entry vehicle damper, 15042
- Conductors (electric), *see* Electric conductors.
- Cones and half-cone-pyramid configurations, static stability characteristics, 15162
- Conference committees, reports, 14394-395, 14399-402
- Conference on Selected Technology for Petroleum, Purposes, Lewis Research Center, general information, 15085
- Conferences, congresses, etc., *see* names of conferences, etc.—*also* subject of conference.
- Configurations:
cone and half-cone-pyramid, static stability characteristics, 15162
forebody, of nose-mounted 15° conical probe, stagnation and static pressures, 15155
- Congo (Leopoldville):
educational developments, 14550
- Congress, Joint Committee on Organization of, hearings, 14368
- Congress of United States:
code of Federal regulations, 14636
congressional record, 89th Cong., 1st sess., bound volumes, 14330-331
joint activities, appropriations, 1967, legislative, report, 14395
major legislative actions, 89th Congress, 14378
organization, hearings, index, 14368
- Congressional record, *see* Congress of United States.
- Congressional serial set, 14332-333
- Connecticut, census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
- Connectors (electric):
junction connectors for strategic placement of television cameras, 15121
- Connor, John T.:
addresses—
June 16, 1966, 14328
June 22, 1966, 14320
- Conscription, selective service college qualification test, bulletin of information, 15322
- Conservation, *see* Natural resources—*also* subjects.
- Construction, *see* Building—Installations (military).
- Construction industry, construction reports, 14263
- Consumer and Marketing Service, C&MS series, 14507-511
- Consumer income, *see* Income.
- Consumers:
buying indicators, series, 14278
expenditures and income, 1961, rural farm population—
north central region, 14117
southern region, 14118
Negro, in the West, 14983
USDA consumer expenditure survey reports, 14117-118
- Contacts (electric), *see* Electric contacts.
- Contagion and contagious diseases, treatment and prophylaxis of infectious diseases with immune gamma globulins, USSR study, 14822
- Containers:
CHENIS container for lowering liquid dye to any sea depths, USSR study, 14799
single service, for milk and milk products, fabrication, sanitation standards guide, 15278
- Contraception, *see* Birth control.
- Contractor report NASA CR (series), 15037-77
- Contractors, *see* Government contracts.
- Contracts, franchising agreements, effect on small business, hearings, 14495
see also Government contracts.
- Control (vehicle), *see* Satellites.
- Control systems:
altitude control of space-vehicle upper-stage, use of rotating-solid-rocket control system, errata, 15132
automatic regulation and control, USSR studies, 15203
cybernetics and control theory, USSR study, 14853
human transfer functions used to predict system performance parameters, 15109
in-flight synthesis, data requirements, and multiple blender studies, 15055
phase-locked-loop control for driving ultrasonic transducers, 15174
uncoupled and coupled manual systems, human tracking performance, 15045
variable-structure automatic, with low sensitivity to rapid, broad changes in parameters of object of control, USSR study, 14913
see also Feedback control systems.
- Controllers, *see* Interpolation path controllers.
- Converters (electric), *see* Electric current converters.
- Cookery, *see* Recipes.
- Cooling, *see* names of commodities.
- Cooperative Month, observance, 14593
- Cooperatives:
bargaining, look to future, 14595
basic features, 14590
communications vital to cooperatives, 14592
supply cooperatives, general information, 14589
see also Farmers cooperative organizations.

- Coot, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Copper:
boron-deoxidized, withstands brazing temperatures, 15092
electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
- Copyright, Colombia, protection, laws, etc., 14326
- Coriolis stimulation, motion sickness, speed of recovery in relation to pilots and non-pilots, 14194
- Corkern, Ray, crambe abyssinica, 1945-65, bibliography, 14543
- Corn:
shelled, 4 inert dusts for protection in Georgia from insect attack, evaluation, 14109
shelled, protection against insects, progress report, evaluation in Illinois, 14108
sweet, commercial growing, 14135
value of mature corn for silage, 14107
- Corn Belt, commercial farms, 1965, costs and returns, 14533
- Correlation (statistics):
heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192
- Correspondence schools and courses, USAFI offerings by colleges, etc., DoD pamphlet, 14203
- Corrosives, diaphragm valve for flow control has unique features, 15096
- Cortez district, Nev., gold geochemical anomaly, 14751
- Cosmonautics, *see* Astronautics.
- Cost:
farm costs and returns, 1965, 14530-533
commercial Corn Belt farms, 14533
commercial egg-producing farms, New Jersey, 14532
commercial tobacco-livestock farms, Bluegrass area, Ky., 14531
commercial wheat farms, Pacific Northwest, Northern and Southern Plains, 14530
reduction program, Defense Dept., examination, 14408A
western livestock ranches, 14529
see also names of commodities, e.g. Tobacco—*also* subjects.
- Cost and standard of living, improving rural living conditions through new economic opportunities (address), 14127
- Costa Rica, military mission, agreement, 15351
- Costumers, wearing apparel, wood, general office, Federal standard, 14644
- Cote, William A., performance of positive crankcase ventilation systems on automobiles in Cincinnati, Ohio, 15293
- Cotton:
boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106
regional cotton mechanization research projects S-2 and W-24, references, list, 14104
textiles—
industry wage survey, 14979
trade agreement with—
Colombia, 15367
Greece, 15356
Poland, 15371
USSR production, report of U.S. technical study group, addendum, 14159
- Count your benefits, 15414
- Counters, *see* Semiconductor counters.
- Counties:
county business patterns, bound volumes, 1964—
announcement and order form, 14268
Pennsylvania-Wyoming, 14267
- Counties—Continued
county business patterns, CBP series, 14264-267
sources of milk for Federal order markets, 14511
- Courts of Appeals, *see* Circuit Courts of Appeals.
- Crafts, Edward C., remarks, Sept. 6, 1966, 15254
- Crambe abyssinica, 1945-65, bibliography, 14543
- Cranberries, indicated production, 1966, 15377
- Cranes (birds):
hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Craters, Project Pre-Schooner II, subsurface effects measurements, 14237
- Creatinuria, postirradiation, in Macaca mulatta primates, 14190
- Credit:
master or servant, Defense Dept. pamphlet, 14206
monetary policy and allocation of commercial bank credit (remarks), 14637
mortgage, for residential construction, stimulate flow, hearing, 14474
recent credit and monetary developments, 14638
see also Retail credit.
- Creel, Theodore R., Jr., longitudinal aerodynamic characteristics of tension shell entry configuration, 15159
- Creighton, C. S., field evaluation of chemical compounds for control of cabbage caterpillars, 14100
- Creveling, Cyrus J., comparison of performance of PCM and PFM telemetry systems, 15142
- Crews, *see* Flight crews.
- Crime and criminals:
criminological distinction of similar handwritings by computers, USSR study, 14864
persons under supervision of Federal probation system, 14098
- Crime in District of Columbia, President's Commission on, *see* President's Commission on Crime in District of Columbia.
- Criminology, *see* Crimes and criminals.
- Critical mass, zero power reactor, ZPR-II, studies, 15167
- Crop lands, *see* Land.
- Crops:
Federal reclamation projects, 1965 crop report, statistical appendix, 15317
report, 1866-1966, development and progress, 15378
see also names of crops.
- CRRRL, *see* Cold Regions Research and Engineering Laboratory.
- Cruises, operators, require to file evidence of financial security, etc., report, 14466
- Crushed stone, *see* Stone.
- Cryogenics, high pressure liquid flow sight assembly for easy observation, 15124
- Cryopumping, solid nitrogen formed, 15058
- Crystals:
aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190
hexagonal structures, provide improved friction and wear characteristics in bearing alloys, 15103
- Cuba, hydrometeorology, USSR study, 14872
- Cubans:
refugee problem, hearings, 14494
status, adjustment, hearings, 14430
- Culture, cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165
- Curandero de la tribu Shoshone, Thermopolis, Estado de Wyoming, 15409
- Current retail trade reports, 14279

INDEX

Curriculum, foreign specialists, overseas projects in education, 14533

Cybernetics:
and automation, USSR studies, 14810
and society, 14908
application in industry, USSR study, 14802
cybernetics and control theory, USSR study, 14853
interview with Lenin prize winner, Viktor Glushkov, USSR, 14857
technical, large systems, theory, USSR studies, 14815
technical, USSR translation, 14862
viewpoint, evolutionary role of division into 2 sexes, USSR study, 14846

Cylinders:
boundary conditions influence on buckling load of cylindrical shells under axial compression, 15061
heterogeneous arrays of cylindrical voids, critical mass studies with NASA zero power reactor II, 15167
imperfect, buckling under axial compression, 15051

Ogive—
drugs due to 2-dimensional fabrication-type surface roughness, 15151
pressure distributions due to 2-dimensional fabrication-type surface roughness, 15148
precision winding of cylindrical composites with shaped glass filaments, 15038
shells, axisymmetric response to time dependent loading, 15069

Cyprus, agricultural economy in brief, 1544

Czarnecki, K. R.:
pressure drugs due to 2-dimensional fabrication-type surface roughness on ogive cylinder, 15151
pressure distribution due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds, 15148

D

D.S.A., *see* Defense Supply Agency.

Dai, Yin-ben, designs for rubble-mound breakwaters, Dana Point Harbor, Calif., 14575

Dairy products, dairy products companies, 1959-64, ownership changes made, 14539

Dalrymple, Dana G., directory of publications available on foreign trade and markets, 14625

Damage control, impact- and puncture-resistant material protects parts from damage, 15105

Dampers, conceptual design for Mars entry vehicle, 15042

Dana Point Harbor, Calif., designs for rubble-mound breakwaters hydraulic model investigation, 14575

Dangerous articles, *see* Hazardous substances.

Darling, Robert C., cable length determinations for deep-sea oceanographic operations, 14314

Data, *see* subjects.

Datos informativos sobre Estados Unidos, 15403

Davis, Charles T., jr., relief, 14334

Davis, Sallie M., relief, 14334

Dawson, David H., performance of 7 seed sources of blue spruce in central North Dakota, 14704

Dawson, John A., hydromagnetic wave propagation near 1 c/s in upper atmosphere and properties and interpretation of Pc 1 micropulsations, 15211

DDT, evaluation of p,p'-DDT as reference toxicant in bioassays, 14674

Dealers, securities, relationships under banking act of 1933, regulation, 14642

DeBald, Paul S., Kentucky forests, Western Coalfield Unit, 14720

Deceleration, airline crash, head and face injury potential of seats, 14243

Deciduous fruits, *see* Fruit.

Decoding, time, error detection and correction approach, 15145

Decontamination, aircraft, practice guide, 14684

Deductions, *see* Income tax.

Defense, *see* Civilian defense—National defense.

Defense Department:
cataloging handbook H series, 14514
contractor performance evaluation (development and production), guide, 14518
cost reduction program, examination, 14408A
Granite City Defense Depot, employees relief, 14362
handbook DSAH series, 14516
interservice action needed when management policies and practices differ for similar items, GAO report, 14726
manufacturers part and drawing numbering systems, 14514
overseas household goods shipments, charges for diversion, GAO review, 14734
specifications and standards, index, 14519
standardization documents, supply classification listing, 14517
surplus personal property classes sold, 14515

Defense Documentation Center, descriptors thesaurus, 14524

Defense scrap yard handbook, 14516

Defense Supply Agency:
handbook DSAH series, 14516
MILSTRIP, military standard requisitioning and issue procedures, manual change, 14520

Deformations (mechanics), *see* Plasticity.

Degrees (colleges, universities, etc.):
Hungary, new doctors and candidates, list, 14836

Dehydration, *see* names of commodities.

Delaware, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258

Delta wings, *see* Wings (aircraft).

Demmerle, A. M., error detection and correction approach to time decoding problem, 15145

Demonstration cities program, why it is needed, etc., 14760

Denalt performance computers:
for use with—
fixed pitch propeller airplanes, 14681
variable pitch propeller airplanes, 14682

Density, human body, measured by water displacement of adult male, 14235

Dental administration, Navy manual, 15245

Dental laboratories, technicians, apprenticeship and training policy, 14200

Dental materials, *see* Dental supplies.

Dental supplies, adhesive restorative materials, workshop proceedings, 15269

Dental technicians, laboratory, apprenticeship and training policy, 14200

Dentistry:
aerodontalgia under hyperbaric conditions, 14995
dental administration, Navy manual, change, 15245
group practice facilities, financial assistance for constructing and equipping, report, 14388

Department stores, *see* Stores.

Desalting of sea water, *see* Sea water.

Descriptors, *see* Subject headings.

Design procedure for weight optimization of straight finned radiators, 15143

Designs (architectural), *see* Architecture.

- Designs (industrial):
 Colombia, protection, laws, etc., 14326
 equations of swept frequency spectrum analyzers, 15196
 orbiting radiotelescope, large, preliminary studies, 15070
 seismic design for buildings, Army technical manual, 14223
- Desorption, kinetics of multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
- Detectors, solid state, monitor relay contacts, 15126
- Detonations, initiation in alkane-oxygen mixtures, 15031
- Detroit, Mich., vision and hearing screening in selected classes for mentally retarded, 14283
- Deurhrouck, A. W., preparation characteristics of coal from Webster County, W. Va., 15026
- Devices, pneumatic separator gives quick release to heavy loads, 15093
- Dextran, treatment of edematous states, USSR study, 14906
- DeYoung, Alan, relief, 14359
- Diabetes, conference on methodological approaches to population studies, proceedings, 15294
- Diamond Creek, Gila trout, ecology, 14679
- Diaphragms:
 diffusion technique, electrolytes, principles and practices, 14771
 spring gives clutch over-center toggle effect, 15094
 valve for corrosive and high temperature fluid flow control, 15096
- Diatomite, minerals yearbook chapter, 15003
- Diesel fuel, *see* Fuel oil.
- Differential equations, *see* Equations.
- Diffraction, X-ray, powder patterns, 15206
- Diffusion:
 electrolytes, diaphragm techniques, principles and practices, 14771
 properties of duplex refractory metal thermionic emitters, 15044
- Digital computer systems operator, examination announcement, amdt., 14300
- Digital computers, *see* Electronic computers.
- DiLuzio, Frank C., nomination, hearing, 14487
- Dimension stone, *see* Stone.
- Dining facilities for enlisted personnel, 14225
- Diodes, tunnel, low power nanosecond and logic circuits using, 15168
- Direction, U.S.A., 15404
- Directorates:
 foreign trade and markets, publications available, 14625
 qualified fallout shelter analysts, 14289
 Securities and Exchange Commission, companies filing annual reports, 15321
 telephone, State Department, International Development Agency, Arms Control and Disarmament Agency, 15344
 urban planning assistance program, projects, 14761
- Disabled, disability separation, facts for your future, 14205
- Disarmament, arms control and disarmament studies in progress or recently completed, 15336
- Disasters, major, additional assistance to areas suffering, hearings, 14437
- Disbursements, House of Representatives, detailed statement, 14426
- Discharges (electric), *see* Electric discharges.
- Discrimination, *see* Race problems.
- Discrimination in employment, sex discrimination, laws on, 15430
- Discriminatory shipping practices of foreign nations, 14479
- Diseases, *see* Diseases of animals—also names or classes of diseases.
- Diseases of animals, animal morbidity report, calendar year 1965, 14099
see also names of diseases, or animals affected.
- Diseases of fish, fish disease leaflet FDL—(series), 14652
- Distillation, solar, utilizing multiple-effect humidification, 14770
- Distribution (economics):
 problems affecting small business, hearings, 14495
- District of Columbia:
 bail agency, establish, report, 14454
 census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
 income tax, withholding regulations for Federal agencies, rescissions, 15396
 Police Department, report of President's Commission on Crime in D.C., 15262
 stadium construction, change orders and other matters, GAO review, 14733
 trust funds, legal investments, list, 14525
 United Planning Organization, antipoverty programs, investigation, hearing, 14415
- District of Columbia Armory Board, change orders and other matters, construction of stadium, GAO review, 14733
- District of Columbia Committee, Senate, report, 14454
- Diuron, effect on seed yields of perennial grasses, 14163
- Dividends, *see* Stocks.
- Doctors' degrees, *see* Degrees (colleges, universities, etc.).
- Documents, *see* Government publications—Records.
- Documents Office, *see* Public Documents Division.
- DOD pamphlets, 14203-205
- Doherty, Ellen M., education in Spain, 14549
- Dollar drain, *see* Balance of payments.
- Dollars, standard silver, held by Treasury, sale to American Cancer Society and American Heart Association, hearings, 14414
- Dolphins, Soviet communications research, 14957
- Domestic Gold Production, Select Committee on, Senate, create, hearing, 14486
- Dominican Republic, Soviet clergyman attacks U.S. action in, 14904
- Donaldson, Erle C., two- and 3-phase relative permeability studies, 15027
- Donnelly, Charles H.:
 national security management review, 14786
 United States defense policies in 1965, 14780
- Dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
- Dond, Bobbie, publications of Office of Education, 14562
- Doves, *see* Mourning doves.
- Dowd, Patrick J., speed of recovery from coriolis stimulation in motion sickness in relation to pilots and nonpilots, 14194
- Drag (aerodynamics):
 pressure drag due to 2-dimensional fabrication-type surface roughness, 15151
- Drainage, sedimentation in small drainage basins (series), 14754
- Drawings, manufacturers part and drawing numbering systems, Defense Dept., 14514
- Dreams, during normal sleep and hypnosis, USSR study, 14849
- Drivers, *see* Race car drivers.
- Drooz, A. T., obtaining individual eggs from egg-mass-depositing insect, 14709
- Drowning, *see* Near-drowning.
- Drugs, safety, hearings, 14423
see also Narcotics—also names of drugs.
- Dry cleaning, military fixed drycleaning plant, Army technical manual, 14229
- Drying, trays, malathion-treated to protect raisins from insects, 14111
- DSA, *see* Defense Supply Agency.

INDEX

- Dunmire, Daniel E., effect of initial moisture content on performance of hardwood pallets, 14714
- Dunn, M. G., nonequilibrium ionization phenomenon in inviscid Apollo plasma sheath, 15077
- Dunning, Robert S., determination of orbit of spacecraft with respect to object in known circular orbit, 15150
- Dust:
inert, evaluation as protectant against insect attack on—
shelled corn in Georgia, 14109
stored shell corn in Illinois, 14108
stored wheat in Kansas, 14110
- Dyes, liquid, CHENIS container for lowering to any sea depths, USSR study, 14799
- Dynamics:
capillaries and existence of plasma flow in pericapillary lymph space, 15146
model investigation of landings and slide-outs of recoverable booster, 15141
- Dysentery, *see* Amebiasis.
- E**
- E.R.S., *see* Economic Research Service.
- Eagles, American (golden and bald), and their economic status, 14650
- Eakins, William J., initiation of failure mechanisms in glass-resin composites, 15039
- Ear, *see* Vestibular apparatus.
- Early, Larry J., development of small animal payload and integration with sounding rocket, 15081
- Earnings, *see* Wages.
- Earth:
crust and upper mantle in eastern regions of USSR, coordinating conference, 14803
crustal structure, in transition zone from Siberian platform to Taimyr downwarp, experience in using industrial explosions, USSR study, 14804
fourth order gravity field, drift of inclined-orbit 24-hour satellite, 15136
gravity potential and force field through 4th order, 15137
secrets of earth's interior, USSR study, 14807
- Earth mantle, *see* Earth.
- Earthquakes, prediction, ESSA symposium, 14577
- East (Far East):
agricultural situation, midyear review, 14546
Far Eastern series, 15340
- East (Near East):
western oil interests in Near East, USSR view, 14926
- East African Common Services Organization, agricultural commodities, agreement, 15357
- East North Central States, *see* Central States.
- East South Central States, *see* Central States.
- Eastern Europe, *see* Europe.
- Eastport, Maine, to Montauk Point, N.Y., coastal warning facilities chart, 15418
- Echo satellites, *see* Satellites.
- Ecology, Gila trout, 14679
- Economic conditions:
parity of income and opportunity for rural America (address), 14126
perspective and prospects of economy (remarks), 14321
see also Negroes—also names of countries, States, etc.
- Economic cooperation, *see* Foreign aid.
- Economic development, *see* Economic policy.
- Economic impact of U.S. ocean ports, 14988
- Economic Joint Committee:
committee prints, 14370-372, 14374, 14377
hearings, 14369, 14373, 14375
supplement, 14376
publications, supplement, 14374
- Economic Opportunity Office, deputy director, nomination of Bertrand M. Harding, hearing, 14500
- Economic order quantity, principle and applications, 14740
- Economic policy:
community development district act of 1966, rural public services, etc., hearings, 14403
economic opportunity act, amendments, hearings, 14498
international economic cooperation, appeal for renewal, 20 years after, 14377
maintenance of stability in economy (address), 14320
marketing and regional development (paper), 14322
President's program for national economic responsibility (remarks), 15399
rebuilding economic foundations of long-term unemployment and low family income communities, Federal-State coordination (remarks), 14328
Socialist countries, levels of economic development, USSR study, 14811
USSR, expansion of scientific research for economic development, 14897
- Economic regulations, Civil Aeronautics Board, 14284
- Economic Research Service:
ERS-foreign series, 14544-546
ERS series, 14534-543
- Economic stabilization, *see* Stabilization.
- Economics:
alcoholism, economic aspects, 15428
marketing research publications, reference list, 14534
USSR, economic-mathematical methods applied to economy, 14855
- Economies in National Government, Defense Dept. cost reduction program, examination, 14408A
- Economists:
examination announcement, amendment, 14304
Federal Government careers, 14304
- Edema, administration of polyglucin (dextran) in treatment of edematous states, USSR study, 14906
- Edinger, L. D., data requirements for inflight synthesis and multiple blender studies, 15055
- Education:
Congo (Leopoldville), developments, 14550
equality of educational opportunity, report of survey, 14551
correlation tables, 14552
exchange scholars, 14691
overseas projects, foreign curriculum specialists, 14553
public, progress in United States, 1965-66, report—
French edition, 14559
Russian edition, 14561
Spanish edition, 14560
safety education series, 14681-682
Spain, data, 14549
teachers, exchange opportunities, 14558
technology, educational, hearings, 14375
USSR, changing guideposts, 14572
see also Elementary education—Vocational education.
- Education and Labor Committee, House, hearings, 14415-417
- Education Office:
bulletin 1966 (series), 14550
publications, 14562
records handbook, standard filing system, 14557

- Education, White House Conference on, *see* White House Conference on Education.
- Edwards, Frederick G., use of reaction wheels and nonlinear control for satellite scanning small celestial area, 15184
- Eggplant, chilling injury of fruits, 14140
- Eggs:
- balsam woolly aphid eggs, collection techniques, 14710
 - commercial egg-producing farms, New Jersey, 1965, costs and returns, 14532
 - individual from egg-mass-depositing insects, 14709
- Eigenfunctions, eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
- Eigenvalues, *see* Eigenfunctions.
- Elections, where votes are, profile of mid-1960's, rel. to voting habits of future, 14451
- Electric conductivity, tungsten-fiber-reinforced copper composites, 15183
- Electric conductors, perfect rectangular conductor, magnetic field outside, 15177
- Electric contacts, solid state detectors monitor relay contacts, 15126
- Electric current converters, dc to dc converter eliminates large stray magnetic fields, 15106
- Electric discharges, electrical discharge machining of high-strength metals and alloys, USSR studies, 14832
- Electric lines, precision, coaxial, air-dielectric transmission lines, electrical parameters, errata, 15207
- Electric machinery, *see* Machinery.
- Electric power, *see* Electricity.
- Electric propulsion, *see* Propulsion.
- Electric resistance, tungsten-fiber-reinforced copper composites, 15183
- Electrical, *see* headings beginning Electric.
- Electricians, construction, 1 & C, Navy training program, 15243
- Electricity:
- electric power systems by means of computers, investigation of transient conditions, USSR study, 14840
 - rural, materials acceptable on systems of REA borrowers, list, 15319
- Electroacoustics, USSR all-Union scientific session devoted to radio day, 14937
- Electroluminescence, *see* Luminescence.
- Electrolytes:
- diffusion, diaphragm technique, principles and practices, 14771
 - electrorefining hafnium, 15022
- Electromagnetic current meter, current measurements with EMIT in Gulf Stream region, USSR study, 14800
- Electromagnetic fields, influence on central nervous system, USSR study, 14823
- Electron bombardment, thruster, 5-centimeter-diameter, with permanent magnets, 15199
- Electronarcosis, sleep and electric sleep in children, USSR study, 14850
- Electronic computers:
- computer and invasion of privacy by Government agencies, hearings, 14422
 - digital—
 - higher order interpolation path controller, 15182
 - root locus diagrams, 15059
 - general-purpose computer developed in Rumania, 14912
 - hydrometeorological observations for processing, preparation of results, USSR study, 14869
 - investigation of transient conditions of electric-power systems, USSR study, 14840
 - machine search algorithm for derivation in propositional calculus, USSR study, 14856
- Electronic computers—Continued
- MN-7 and EMU, operation experience, USSR study, 14851
 - system monitors discrete computer inputs, 15119
- Electronic data processing systems, Fortran program, two-dimensional discrete angular segmentation transport, 15178
- Electronic technicians, class C, TACAN systems course, trainee's guide, 15249
- Electronics:
- fundamentals, transparencies, cross reference index, 15244
 - method of measuring hematocrits of fish, evaluation, 14674
 - treatment of materials, USSR study, 14918
 - USSR all-Union scientific session devoted to radio day, 14831, 14838
- Electrons, emission properties of duplex refractory metal thermionic emitters, 15044
- Electrophysiology, *see* Physiology.
- Electroplating, hollow spherical rotors fabricated, 15097
- Electrorefining, *see* Smelting.
- Elementary education:
- act of 1965, instructions for title 1, 1967 application forms, 14554
 - conservation in elementary schools, outline, 14147
 - elementary and secondary education act, amendments of 1966, hearings, 14416
 - impact aid to strengthen and improve programs of assistance, hearings, 14417
- Elias, Z. M., dual formulation of thin shell theory, 15067
- Ellipticity, series of related bodies with cross-sectional ellipticity, supersonic aerodynamic characteristics, 15157
- Elm spanworms, *see* Spanworms.
- El Paso, Tex., Chamizal boundary, border highway, report, 14390
- Elson, Jo Ann, abstracts of personnel research reports, 14183
- Emission, *see* Thermionic emission.
- EMIT (elektromagnitnyy izmeritel'techniy), *see* Electromagnetic current meter.
- Employee benefit plans, welfare and pension plans disclosure act, regulations and interpretative bulletins, 14963
- Employees:
- air transportation industry, 1947-64 indexes of output, 14969
 - earnings and hours in retail trade, June 1965, summary release, 14984
 - nursing and personal care homes, 1964 statistics, 15310
- Employment:
- act of 1946, 20th anniversary, symposium, hearing, supplement, 14376
 - community program, developments, 14568
 - current market for engineers, scientists, and technicians, 14567
 - Far West, growth patterns by county, 1940-50 and 1950-60, 14247
 - self-employed retirement deduction for taxable year 1964, Treasury Dept. report, 14445
 - see also* Handicapped—Women.
- Employment taxes, IRS looseleaf system, 14777
- Encoders, pneumatic binary, replaces multiple solenoid system, 15104
- Energy, *see* Atomic energy—Radiant energy.
- Engel, Arnold, rheumatoid arthritis in adults, 15308
- Engineering:
- architectural-engineering documents for health research facilities construction grants, guidelines, 15267
 - highway engineering productivity, conference proceedings, 15314
 - technical aids, examination announcement, amendment, 14297
 - see also* Environmental engineering—Marine engineering—Radio engineering.

INDEX

- Engineers :
 current employment market, 14567
 examination announcement, 14302
- Engineers Corps, Army :
 report, 1965, civil works activities—
 departmental edition, 14570
 document edition, 14379
- Engines (aircraft) :
 airworthiness standards, Federal aviation
 regulations, change, 14599
 modifications, for F-100 aircraft, manage-
 ment of selected time compliance techni-
 cal orders, Air Force Dept., GAO re-
 port, 14725
see also Rockets.
- England, *see* Great Britain.
- Engraver beetles, *see* Beetles.
- Enlisted personnel, *see* Army.
- Entomologists, examination announcement,
 14307
- Entry into atmosphere, *see* Atmospheric
 entry.
- Environment :
 health series—
 food protection, 15276
 radiological health, 15277
 reduced-pressure, vibrational characteris-
 tics of sandwich panels, 15163
 space, portable lightweight cell provides
 controlled environment, 15100
- Environmental engineering, selected publica-
 tions, bibliography, 15272
- Environmental Science Services Administra-
 tion :
 ESSA symposium on earthquake predic-
 tion, 14577
 ESSA world, official employee publication,
 14578
- Equal Employment Opportunity Commis-
 sion, legal interpretations issued or
 adopted by, digest, 14582
- Equality of educational opportunity, 14551-
 552
- Equations :
 differential, perturbed periodic systems,
 study, stroboscopic method, 15074
 transport, Fortran 2-dimensional discrete
 angular segmentation program, 15178
- Equations of motion :
 beams and rectangular plates with linearly
 varying in-plane and axial load, eigen-
 value problem, 15056
 drift of inclined-orbit 24-hour satellite in
 earth gravity field through 4th order,
 15136
 flutter of multiple-streamwise bay rectan-
 gular panels at low supersonic Mach
 number, analysis, 15050
- Equipment operators, 1 & C, Navy training
 course, 15246
- Erickson, R. I., gold geochemical anomaly in
 Cortez district, Nev., 14751
- Erie, Lake, small craft, gale and whole gale
 warning facilities chart, 15423
- Erosion, *see* Soil erosion.
- Erosion control, *see* Soil erosion.
- Errors, rate reduction of parity checked
 telemetry data by likelihood deletion
 strategy, 15181
- ERS, *see* Economic Research Service.
- ERS-foreign series, 14544-546
- ERS series, 14534-543
- ESEA (Elementary and secondary education
 act), *see* Elementary education—Second-
 ary education.
- ESSA, *see* Environmental Science Services
 Administration.
- ESSA 1 (meteorological satellite), *see* Satel-
 lites.
- Estuaries :
 Potomac River, water quality, 14749
 preserve, develop, etc., for sport, recrea-
 tion, etc., hearings, 14432
- Etching, nonhazardous acid etches weld sam-
 ples, 15108
- Ethanol, *see* Alcohol.
- Europe :
 agricultural situation, midyear review,
 14545
- Eastern—
 science and Communist society, USSR
 study, 14929
 United States trade, 1963-65, Commu-
 nist areas, 14327
- Socialist countries, scientific conferences
 and events, 14860
 weather records, 1951-60, 14581
- Evolution, division into 2 sexes, cybernetics
 viewpoint, USSR study, 14846
- Examinations, *see* Civil service.
- Executive Corridor, painting exhibit at
 Pentagon, 14213
- Executive departments, *see* Government sup-
 plices.
- Executive Seminar Center, Berkeley, Calif.,
 general information, 14308.
- Executive Seminar Center, Kings Point, N.Y.,
 general information, 14309
- Executives, international corps from U.S.
 business shows progress in Ghana, 14781
- Expenditures :
 consumer expenditures and income, rural
 farm population—
 north central region, 14117
 southern region, 14118
 defense spending, community adjustment
 to reductions, 14207
- Experts, Bulgarian efficiency, awards, 14951
- Explosions :
 industrial, experience in using for crustal
 studies in transition zone from Siberian
 platform to Taymyr downwarp, USSR
 study, 14804
 physics of USSR research, 14958
 Project Pre-schooner subsurface effects
 measurements, 14237
 research and technologic work, 15012
- Explosives, research and technologic work,
 15012
- Exports :
 dynamics of exporting (address), 14780
 small firms, marketing manual, 15323
see also names or classes of articles
 exported.
- Extension Service, Federal, *see* Federal Ex-
 tension Service.
- Eyes :
 ionizing radiation effects in nuclear-pow-
 ered submarines, 14991
 television ophthalmoscopy, workshop pro-
 ceedings, 15297

F

- F.A.A., *see* Federal Aviation Agency.
- F.C.S., *see* Farmer Cooperative Service.
- F.H.A., *see* Federal Housing Administration.
- FAA, *see* Federal Aviation Agency.
- Fabrication, *see* names of materials fab-
 ricated.
- Factors in job-satisfaction, 14191
- Facts for marketers, 14246
- Fair employment practices, *see* Discrimina-
 tion in employment.
- Fair labor standards act, *see* Labor stand-
 ards.
- Fall out, *see* Radioactivity.
- Fallout, *see* Radioactivity.
- Families :
 by type, 1965, population characteristics,
 14270
 family planning program, hearing, 14499
 income, 1965 median, 14277
 poverty areas, population characteristics,
 14272
- Far East, *see* East (Far East).
- Farallon National Wildlife Refuge, general
 information, 14671
- Farley, Kenneth R., determination of ces-
 sium and rubidium by flame photometry,
 15023
- Farm income, *see* Income.

- Farm labor :**
 Injuries to young farmworkers, 14967
 migratory problem in U.S., report, 14468
 old-age, survivors, disability, and health insurance, farm workers under, 15332
 Farm mortgages, *see* Mortgages.
 Farm work, *see* Farm labor.
Farmer Cooperative Service :
 FCS bulletin, reprints, 14589-592
 general report, 14594
Farmers :
 agricultural cooperation, pioneer to modern, 14591
 farmers under old-age, survivors, disability, and health insurance, 15332
 gas tax credit, 14775
 income gains made since 1960, statement, 14154-157
see also Farmers cooperative organizations.
 Farmers' bulletins, 14135-136
 Farmers cooperative organizations :
 citrus cooperatives, Florida, pooling following 1962 freeze, 14142
 cooperatives-partners in American life, 1965, observance, proceedings, 14593
 losses in transporting and handling grain, 14143
 news for farmer cooperatives, reprint, 14595
 statistics, 14594
 Farmers Home Administration :
 farm mortgage lending experience, 14547
 loans on leased lands in Hawaii, authorize, report, 14398
 recreation facilities and services operated by FHA borrowers, 14541
 Farming, *see* Agriculture.
Farms :
 costs and returns, 14530-533
 commercial Corn Belt, 14533
 commercial egg-producing farms, New Jersey, 14532
 commercial tobacco-livestock, Bluegrass area, Ky., 14531
 commercial wheat farms, Pacific Northwest, Southern and Northern Plains, 14530
 farm population, 1965 estimates, 14537
 real estate market developments, 14548
 Fats, human body fat, measured by water displacement of adult male, 14235
 Fauconneau, Guy, eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
 Faulkner, Rafford L., remarks, Sept. 8, 1966, 14240
 FCR series, 14530-533
 FCS, *see* Farmer Cooperative Service.
 FDL-(series), 14652
 Federal aid, *see* Grants-in-aid.
 Federal Aviation Agency :
 airmen, other than flight crewmembers, certification, Federal aviation regulations, 14604
 Federal aviation regulations, 14599-617
 status, 14618
 Federal Aviation Agency Academy, Okla., catalog, 14598
 Federal credit unions :
 report, 1965, 14622
 31st anniversary, 14622
 Federal Deposit Insurance Corporation, report of call, 14624
 Federal employees, *see* Government officials and employees.
 Federal Extension Service, what it does, time invested, and whom it serves, 14626
 Federal Fire Council, films and slides for safety programs, list, 14741
 Federal Government, *see* Government.
 Federal Home Loan Bank Board, audit report, 1965, 14721
 Federal home loan banks :
 financial report, 1965, GAO examination, 14385
 financial statements, 1965, GAO examination, 14722
 Federal Housing Administration :
 financing for home purchases and home improvements, consumer bulletin, 14629
 savings by discontinuing liability insurance on acquired property, GAO report, 14729
 Federal land banks, farm mortgage lending experience, 14547
 Federal Maritime Commission :
 authority to exempt water carrier operations from certain provisions of shipping act, 1916, report, 14456
 SP series, 14633-634
 Federal Mediation and Conciliation Service :
 appropriations, 1967, hearings, 14472
 report, 14635
 Federal property, *see* Public property.
 Federal Radiation Council, appropriations, 1967, hearings, 14472
 Federal regulations, *see* Code of Federal regulations—*also* subjects.
 Federal reserve member banks, reserves of member banks, regulations, supplement, 14639
 Federal reserve system, Federal reserve act, amend, hearing, 14476
 Federal Reserve System Board of Governors, regulation series, 14639-642
 Federal Savings and Loan Insurance Corporation, insured savings and loan associations, average annual dividend rates paid, 14627
 Federal seed act, 14510
 Federal service, *see* Civil service.
 Federal specifications, *see* Government supplies.
 Federal standards, 14644
 Federal-State Crop and Livestock Reporting Service :
 100 years, 1866-1966, crop and livestock reports, development and progress, chronology, 15378
 Federal test method standard, 14645
 Feed water, quality improvement, Webster, S. Dak., electro dialysis plant, pilot study, 14773
 Feedback control systems, quasi-optimum techniques, study, 15043
 Feedback delay, *see* Time delay.
 Feedback loop compensates for rectifier non-linearity, 15112
 Feedlots, cattle, size groups, number, 15383
 Fees, establish, for abstracts of medical records furnished by PHS to private parties, GAO report, 14727
 Feldspar, minerals yearbook chapter, 15005
 Feole, Maria G. I., relief, 14363
 Ferrites, thin film, vapor deposition by one-step process in vacuum, 15128
 Fertilizers :
 commercial, consumption in United States, 1850-1964, by States, 1945-64, 14161
 storage shed, 40 ton capacity, 14146
 FG series, 14289
 FHA, *see* Farmers Home Administration—Federal Housing Administration.
 Fibers :
 bamboo, characteristics, 14164
 natural and competing, young people's use and appraisal in wearing apparel, 14144
 non-glassy inorganic fibers and composites, 15086
see also names of certain plants, textiles, etc.
 Fighter planes, F-100, modifications to engines, management of time compliance technical orders, GAO report, 14725
 Figs, production, use, value, 1964-65 by States, 15379

INDEX

- Filamentary materials, filamentary composites, studies of mechanics, errata, 15037
- Filaments:
 - low density, high strength high modulus, study, 15041
 - precision winding of cylindrical composites with shaped glass filaments, 15038
 - wound toroids, use as pneumatic shock absorbers, 15071
- Files and filing (documents):
 - Education Office records handbook, standard filing system, 14557
- Film slides, *see* Filmslides.
- Films (coating):
 - aluminum, thin, self-supported, produced by vacuum deposition process, 15117
- Films (photography), *see* Motion pictures.
- Filmslides, fire safety slides, list, 14741
- Filmstrips, Public Health Service, 1966 film catalog, 15299
- Filters and filtration, *see* Microwave filters.
- Finance:
 - assistance programs administered by Health, Education, and Welfare Dept., 14758
 - financial statements, 1965—
 - Commodity Credit Corporation, GAO examination, 14381
 - Federal Home Loan Banks, GAO examinations, 14385, 14722
 - Government Printing Office, examination, GAO report, 14723
 - Saint Lawrence Seaway Development Corporation, examination, GAO report, 14724
 - Finance Committee, Senate, hearings, 14480
- Financial assistance, *see* Grants-in-aid.
- Financial statements, *see* Finance.
- Fins (aircraft):
 - straight finned radiators, weight optimization, design procedure, 15143
- Fins (cooling):
 - heat-rejection characteristics of space radiator panels utilizing shared fins, 15189
- Fir, balsam, heart rots, 14695
- Fire Island National Seashore, general information, 15221
- Fire protection, *see* Fires.
- Firearms, national and Federal acts, text, 14778
- Fires:
 - safety, construction projects (talk), 14742
 - safety programs, films and slides, list, 14741
 - see also* Forest fires.
- Fish and fisheries:
 - conservation, protection, and propagation of endangered native species of fish, report, 14459
 - electronic method of measuring hematocrits, evaluation, 14674
 - fish control investigations, 14674
 - fish toxicity in nitrosalicylanilides and related compounds, chemical structure relation, 14674
 - fishery leaflets, 14653-655
 - fishery marketing development series, 14656
 - fishery statistics, 14678
 - Florida fish recipes, 14656
 - Hempstead, South Oyster Bay coastal wetlands, preserve, etc., hearings, 14432
 - motion pictures, 14655
 - parasites of freshwater fishes, 14652
 - shrimp fishery of southern United States, 14654
 - special scientific reports, fisheries series, 14675
 - sport and commercial, estuarine areas, preserve, etc., hearings, 14432
 - statistical digest, 14678
 - see also* Diseases of fish.
- Fish and Wildlife Service:
 - circular, 14651
 - fishery marketing development series, 14656
 - refuge leaflets, 14657-672
 - regulatory announcement, 14673
 - special scientific reports—
 - fisheries series, 14675
 - wildlife series, 14676-677
 - Fish disease leanet FDL—(series), 14652
 - Fisheries, *see* Fish and fisheries.
 - fishery marketing development series, 14656
 - Pitzsimons General Hospital, Medical Research and Nutrition Laboratory, report, 14235
 - Flame photometry, *see* Photometry.
 - Flames, research and technologic work, 15012
 - Flax, Lawrence, magnetic field outside perfect rectangular conductors, 15177
 - Flight:
 - in-flight vibration analysis, 15196
 - information manual, international, 14199
 - instructors, certification, Federal aviation regulations, change, 14602
 - parameters and vehicle performance for Project Fire flight II, 15176
 - Flight crews:
 - air crew selection, perceptual-psychomotor tests, historical review and advanced concepts, 14184
 - members other than pilots, engineer certificates and training courses, Federal Aviation regulations, change, 14603
 - supersonic transport, potential roles, implications for flight deck, 15064
 - Flight engineers, certificates and training course, Federal aviation regulations, change, 14603
 - Flint Hills, Kansas and Oklahoma, bluestem and Osage pasture report, 15375
 - Flood, Daniel F., Isthmian Canal policy, etc. (addresses), print additional copies, report, 14462
 - Flood control, *see* Floods.
 - Floods:
 - damage prevention, indexed bibliography, 15389
 - storage flood routing without coefficients, 14102
 - see also* names of rivers, etc.
 - Floor coverings, resilient, nontextile, sampling and testing, Federal test method standard, 14645
 - Florida:
 - census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
 - citrus cooperatives, pooling following 1962 freeze, 14142
 - northwest coast, hurricane survey, engineer report—
 - departmental edition, 14572
 - document edition, 14384
 - Florida fish recipes, 14656
 - Flounders, summer *Paralichthys dentatus* (Linnaeus) length-weight relation, 14675
 - Flow:
 - and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201
 - axial flow pump rotor with blade tip diffusion factor of 0.66, blade element performance, 15191
 - brazing retort manifold design concept may minimize air contamination and enhance uniform gas flow, 15101
 - diaphragm valve for corrosive and high temperature fluid control, 15096
 - fields about delta and double-delta wings at low speeds, 15040
 - high pressure cryogenic liquid flow, sight assembly for easy observation, 15124
 - laminar heat transfer in arc-heated nitrogen streams, effect of discontinuities, 15198

- Flow—Continued
 nonviscous liquid flowing in long line with distributed leakage, attention of sinusoidal disturbances, 15171
 nonwetting, condensing, mercury vapor in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation, errata, 15133
 radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 supersonic, phenomena in conical nozzles, analysis by method of characteristics, 15164
 transient, hydrogen in heated passages in laminar-turbulent transition region, analysis, 15200
- Flowers, growing perennials, 14138
- Fluid flow, *see* Flow.
- Fluids:
 conducting, inductive system detects level, 15122
 diaphragm valve for corrosive and high temperature flow control, 15096
 incompressible, flow and pressure field analysis of parallel groove geometry, 15201
- Fluorination, of iron, kinetics, 15180
- Fluorine, hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
- Flutter (aircraft):
 delta-planform surfaces, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
 multiple streamwise bay rectangular panels at low supersonic Mach number, 15050
- Fluvial sediment in Little Arkansas River basin, Kansas, 14754
- FMC SP series, 14633-634
- Fobes, Eugene W., pulpwood chip production and markets in Lake States, 14701
- Fog signals, Naval Oceanographic Office, list, Greenland, etc., 15237
- Fogs, methods to modify, experience, USSR study, 14949
- Food:
 Army food service, rations, packets, and supplements, pamphlet, 14214
 assistance policy and agricultural development to avert world famine (speech), 14160
 assistance policy to win war on hunger (address), 14134
 food for freedom program to help hungry nations help themselves (address), 14120
 food for peace act of 1966, report, 14467
 food for peace, activities under Public law 480, 14383
 increasing production for new war against hunger (address), 14129
 low-cost abundance, high level quality, and exciting variety (address), 14124
 marketing, special studies, 15218
 protection—
 environmental health series, 15276
 selected publications, bibliography, 15272
 retailing—
 organization and competition, miscellaneous statistical data, 15217
 private label products, prices, regulations, etc., 15218
 vending, food sanitation requirements, 14997
- Food and Drug Administration, report on oral contraceptives, 14685
- Foot rot in sheep, cause, detection, treatment, and prevention, 14136
- Forecasts, *see* Precipitation.
- Foreign Affairs Committee, House:
 committee prints, 14418, 14420
 hearings, 14419, 14421
- Foreign agents, registration act, administration, report, 14960
- Foreign aid:
 appeal for renewal on grand scale, twenty years after, 14377
 disposal of surplus property abroad, hearings, 14483
 foreign assistance act of 1961, amend, hearings, 14419
 foreign assistance act of 1966, hearings, 14419
- Foreign countries, shipping, discriminatory practices, reports, 14479
see also Foreign agents.
- Foreign currencies, *see* Money.
- Foreign curriculum specialists, overseas projects in education, 14553
- Foreign relations, *see* International relations.
- Foreign Relations Committee, Senate, hearings, 14481
- Foreign Scholarships Board, major activities, Sept. 1965-Aug. 1966, summary, 14691
- Foreign Service:
 department and foreign service series, 15339
 employees, salary rates, 14434
 Foreign trade, *see* Commerce.
- Foreign-trade zones, laws, regulations, etc., 14692
- Foreigners, *see* Aliens.
- Forest fires:
 fire planning in Intermountain West, 14713
 firebreak maintenance with soil sterilants, 14707
 prevention and control, hearing, 14405
 statistics, 14693
- Forest pest leaflets, 14694-696
- Forest planting, yellow birch seedlings, growth response to humus-mineral soil mixtures, 14705
- Forest products:
 imports and exports via Great Lakes, etc., 14706
 industries, progress in general economy (address), 14121
- Forest Service:
 research notes, 14699-711
 research papers, 14712-716
 resource bulletins, 14717-720
- Forests and forestry:
 genetics and related research, annotated bibliography, 14715
 Kentucky's resources—
 Blue Grass Unit, 14718
 Pennyroyal Unit, 14717
 Western Coalfield Unit, 14720
 Western Unit, 14719
 McIntire-Stennis cooperative forestry research program, administrative manual, 14132
 northern hardwood stands, 4 methods of marking 2d growth, 14700
 research notes, 14699-711
 research papers, 14712-716
 resource bulletins, 14717-720
 soil sampling, wetland plots in Coastal Plain, 14711
see also Forest fires.
- Forms, blanks, etc., *see* subjects.
- Fortran, *see* Electronic data processing systems.
- Foster grandparent program, 14526
- Foundations (construction):
 spread footing tests on snow, 14212
- Fournier, Roger H.:
 supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity, 15157
- Fox, Thomas A., critical mass studies with NASA zero power reactor II, heterogeneous arrays of cylindrical voids, 15167

INDEX

- Fractionation, tissue, zonal centrifuges and ancillary systems development, 15289
- Fram Corporation, Tariff Commission report to Automotive Agreement Adjustment Assistance Board in case pertaining to certain workers, 15387
- France, withdrawal from military cooperation in NATO, report, 14418
- Franchises (business):
franchising agreements, effect on small business, hearings, 14495
- Frankfurt, Germany, U.S. trade center, 14783
- Free enterprise, *see* Laissez faire.
- Freeman, Orville L.:
addresses, etc.—
Apr. 13, 1966, 14160
May 4, 1966, 14121
May 13, 1966, 14128
May 14, 1966, 14126
May 25, 1966, 14153
May 26, 1966, 14152
June 9, 1966, 14124
June 11, 1966, 14134
June 16, 1966, 14151
June 18, 1966, 14123, 14158
June 23, 1966, 14125
June 29, 1966, 14122
July 22, 1966, 14127, 14156-157
July 23, 1966, 14154-155
July 29, 1966, 14120
- Freezing, home freezing of fruits and vegetables, 14137
- Freight forwarders:
air freight forwarders, role in air transportation industry, hearings, 14442
regional air cargo workshop (remarks), 14286
- Freight rates:
discriminatory ocean, and balance of payments—
hearings, 14369
report, 14370
ocean, military cargoes, by U.S.-flag ships at reduced rates, hearings, 14478
- Frequency modulation, *see* Radio frequency modulation.
- Frequency standards, rubidium vapor, long-term performance, 15210
- Fresh-water fishes, *see* Fish and fisheries.
- Friction:
aluminum oxide in contact with various metals in vacuum, 15185
bearing alloys with hexagonal crystal structure provide improved friction and wear characteristics, 15103
characteristics of single crystal and polycrystalline aluminum oxide in contact in vacuum, 15190
heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192
- Friedland, Bernard, study of quasi-optimum feedback control techniques, 15043
- Frozen foods, *see* names or classes of foods frozen.
- Fruit:
fresh, shipments, by commodities, States, etc., 14508
home freezing, 14137
include certain fruits in agricultural marketing agreement act of 1937, hearing, 14406
industry, organization and competition, 15215
insect pests of deciduous fruits in West, 14130
noncitrus, production, use, value, 1964-65 by States, 15379
- Fruits, *see* Fruit.
- FSLIC, *see* Federal Savings and Loan Insurance Corporation.
- Fuel:
brigquets and packaged fuel, minerals year-book chapter, 15006
economical fuels, savings by using at VA field stations, GAO report, 14739
propellant fuels, pharmacology and toxicology, boron hydrides, 14188
- Fuel brigquets, *see* Brigquets.
- Fuel oil, farmers tax credit, 14775
- Fuels, *see* Fuel.
- Fundamentals of electronics, cross reference
- Index of transparencies, 15244
- Funds:
foreign funds control, regulations and related documents, 15398
land water conservation, 1st year and a half, 15255
see also Nonappropriated funds.
- Furbay, Walter M., bargaining cooperatives look to future, 14595
- ## G
- Gages, *see* Ionization gages—Piston gages.
- Gaging stations, Pacific Northwest, annual peak water discharge, 1965-66, 14745
- Gahn, Randall F., determination of oxygen in potassium, 15135
- Galena, infrared spectroscopy studies of xanthate-galena system, 15021
- Gales, *see* Storms.
- Gallinules, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Game and game birds:
Bear River Migratory Bird Refuge, 14657
migratory birds, Federal regulations governing hunting, possession, transportation, importation, in Alaska, 14673
- Gamma globulin, immune, treatment and prophylaxis of infectious diseases, USSR study, 14822
- Gansner, David A.:
Kentucky forests—
Blue Grass Unit, 14718
Pennyroyal Unit, 14717
Western Unit, 14719
- Gardening, *see* Gardens.
- Gardens, home and garden bulletins, 14137-138
- Garst, Caroline C., blood glucose levels in adults, United States, 1960-62, 15309
- Gas:
brazing retort manifold design concept may enhance uniform gas flow, 15101
industry, injury experience, 15004
natural gas, United States, 1964, analyses, 15011
- Gas-injection valve operates at high speed, 15111
- Gases:
combustion, detonation initiation in alkane-oxygen mixtures, 15031
dilute gas-solid suspensions, analysis and correlation of heat-transfer coefficient and friction factor data, 15192
ionized, transport phenomena, initial value problem, 15062
oscillatory combustion-gas flow, ethanol-jet atomization in combustor, 15147
thermodynamic properties of arbitrary mixtures—
calculation of specific heats with tabulated results, 15158
calculation with modified vibrational-rotational corrections, 15156
- Gaskets, composite, compatible with liquid oxygen, etc., 15125
- Gasoline, tax credit farmers, 14775
- Gear drive automatically indexes rotary table, 15113
- Gems, *see* Precious stones.

- General agreement on tariffs and trade, Kennedy Round, beef exports, problems, hearings, 14505
- General Services Administration, administrator to accept title to John Fitzgerald Kennedy Library, authorize, hearing, 14424
- Genetics, forest, annotated bibliography, 14715
- Genetics Workshop of Society of American Foresters, see Society of American Foresters, Genetics Workshop.
- Gentry, Thomas R., technique for rapid collection of balsam woolly aphid eggs, 14710
- Geodesists, examination announcement, 14295
- Geodesy, accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
- Geodetic instruments, Hungary, application, 14956
- Geographic Names Board, gazetteers, 14748-744
- Geographic reports, State Department, 15341
- Geographical names:
gazetteers, 14743-744
Sierra Leone, 14744
Thailand, standard place names, 14743
- Geography, geographic reports, State Department, 15341
see also names of places.
- Geological review (Chinese periodical): translations, 14896
- Geological Survey:
bulletins, 14746-748
circulars, 14749-751
professional paper, 14752
water supply papers, 14754-756
- Geology:
Beluga-Yentna region, Alaska, 14746
contributions to economic geology (series), 14746
North American, bibliography, 14748
- Geometry:
configuration geometry, effects on pressure coefficient and section normal-force coefficient distributions for 2-stage launch vehicle, supersonic investigation, 15189
parallel groove, for incompressible fluid, flow and pressure field analysis, 15201
- Geophysicists, examination announcement, 14296
- Geophysics, Rumania, development in last 2 decades, 14895
- Georgia:
census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
4 inert dusts for protection of shelled corn from insect attack, evaluation, 14109
- George, Betty, educational developments in Conco (Leopoldville), 14550
- George Washington Memorial Parkway, Mount Vernon section, general information, 15222
- Germans, Volga, in Soviet central Asia, 14934
- Gettysburg National Military Park, general information, 15223
- Ghana, executives march ahead, progress by international corps from U.S. business, 14781
- Gibson, Pryce B., white clover, 14131
- Giesler, Raymond, general hospitals admitting psychiatric patients, 15303
- Gila trout, see Trout.
- Giles, H. L., hypersonic pressure and heat transfer tests on flat plate, etc., 15048
- Gillingham, Kent K., primer of vestibular function, spatial disorientation, and motion sickness, 14189
- Glass:
helium permeation, in vacuum systems, special treatment reduces, 15102
precision winding of cylindrical composites with shaped glass filaments, 15085
- Glass fibers, initiation of failure mechanisms in glass-resin composites, 15089
- Glasser, W. A., minimax studies, 15054
- Glassworkers, see Glaziers.
- Glaziers, apprenticeship and training, national standards, 14202
- Glidden, David B., relief, 14341
- Glossaries, oceanographic terms, 15280
- Glucose, blood glucose levels in adults, 15309
- Glushkov, Viktor M., Lenin prize winner, interview about cybernetics, 14857
- Gold:
geochemical anomaly in Cortez district, Nev., 14751
mining industry, production incentives, hearing, 14486
visors, evaluation, 14195
- Golden eagle, see Eagles.
- Goodman, George E., community health planning grants for heart disease, cancer, and stroke, 14757
- Goodsell, Wylie D., costs and returns, 1965, western livestock ranches, 14529
- Gordon, C. H., value of mature corn for silage, 14107
- Gorman, John L., soil survey report, Berkeley County, W. Va., 15334
- Government:
Census Bureau publications, recurrent reports scheduled, announcement, 14281
creative federalism functions, close relationship among Federal, State, and local areas (remarks), 14151
Federal, price statistics, 14371
local law enforcement, Federal assistance, amend law, hearings, 14429
see also headings beginning Government.
- Government agencies, dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14725
- Government contracts:
contractor performance evaluation (development and production), guide, 14518
labor compliance manual, Direct Federal and Federal-aid highway construction, amdt., 15315
patent policy, report, 14458
regional procurement, hearings, 14506
renegotiation rulings, 15318
Walsh-Healey public contracts act, sheltered workshops, questions and answers, 15417
- Government offices:
Federal-State-local cooperative arrangements for selected statistical activities, programs and problems, statements, 14244
independent offices, appropriations, 1967, report, 14401
Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures and plans for future work, progress report, 14245
see also Government supplies.
- Government officials and employees:
automotive travel cost reductions through use of Govt.-owned vehicles, GAO report, 14730
community action agencies, etc., prevent engaging in pernicious political activities, hearings, 14408
District of Columbia income taxes, withholding regulations, rescission, 15396
Federal employees, allotments of pay for State income tax withholding, regulations, rescission, 15397
interagency training programs, Executive Seminar Center, Berkeley, Calif., 14308
salary rates, 14434
seafaring, additional leave, report of Civil Service Commission, 14435
voluntary payroll savings plan for purchase of U.S. savings bonds, rescission, 15394

INDEX

- Government officials and employees—Con.
withholding on compensation of Federal
employees for State and territorial in-
come tax purposes, regulations, rescis-
sion, 15395
- Government Operations Committee, House,
hearings, 14422-425
- Government Operations Committee, Senate,
hearings, 14482-485
- Government Printing Office:
appropriations, 1967, legislative, report,
14395
- financial statements, 1965, examination,
GAO report, 14723
- Government publications:
classified list, 15264
- price lists, Public Documents Division,
PL series, 15265-266
- see also names of departments, etc., issu-
ing publications—also subjects.
- Government reorganization plans:
Health, Education, and Welfare Depart-
ment, hearings, 14484
- National Capital Regional Planning Coun-
cil, hearing, 14425
- State Department, hearings, 14484
- Government supplies:
Federal specifications, 14643
- Federal standards, 14644
- Federal test method standard, 14645
- stores stock catalog, hand tools, supple-
ment, 14646
- Grading of commercial products, see names
of products.
- Graham, K. D., minimax control of large
launch boosters, 15053
- Grafting (physiology):
transplant immunity and radiation
chimera, USSR study, 14920
- Grain:
losses in transportation and handling by
marketing cooperatives, 14143
- standards act, provide uniform national in-
spection system, etc., proposed changes,
summary, 14407
- Grand Banks, Newfoundland, oceanography
of region, 14317
- Grandparents, foster grandparent program,
14526
- Granite City Defense Depot, employees
relief, 14362
- Grants-in-aid:
academic grants awarded, by country and
area, 14691
- administered by Health, Education, and
Welfare Dept., 14758
- community development district act of
1966, rural America, hearings, 14403
- community health planning grants for
heart disease, cancer, and stroke, 14757
- education—
elementary and secondary, amendments
of 1966, hearings, 14416
- federally affected areas, impact aid,
hearings, 14417
- vocational and technical, review of ac-
tivities, 14503
- family planning program, Federal financial
assistance to public agencies, etc., hear-
ing, 14499
- health research facilities, guidelines for
architectural-engineering documents,
15267
- highway construction act of 1966, section-
by-section analysis, 14441
- highway program, toll facilities relation-
ship, hearings, 14440
- housing and urban development act of
1966, report, 14388
- law enforcement, Federal assistance to
State and local governments, amend
law, hearings, 14429
- McIntire-Stennis cooperative forestry re-
search program, administrative manual,
14132
- Grants-in-aid—Continued
mental health research grant awards,
15288
- outdoor recreation grants-in-aid manual,
15253
- population conference, hearings, 14484
- sea grant colleges, hearing, 14431
- Grapes, production, use, value, 1964-65 by
States, 15379
- Grasses, perennial, seed yields, effect of
diuron, 14163
- see also Bluestem.
- Gravity:
anomalies of southwestern Sakhalin, na-
ture, USSR study, 14805
- drift of inclined-orbit 24-hour satellite in
earth gravity field through 4th order,
15136
- potential and force field of earth through
4th order, 15137
- Great Britain:
economy, basic data, 14325
- England, plant quarantine requirements,
14116
- Project Sparta, Australia, flight reentry
program, agreement, 15348
- Great Lakes:
forest-product imports and exports, 14706
- pilot, survey, supplement, 14985
- small craft, gale and whole gale warning
facilities charts, 15423-424
- transportation lines, 14574
- Great Lakes States:
pulpwood chip production and markets,
14701
- pulpwood production hampered by adverse
weather and labor shortage, 14702
- Great Meadows National Wildlife Refuge,
birds, list, 14666
- Great Plains:
commercial wheat farmed, 1965 costs and
returns, 14530
- thunderstorms, measurements by aircraft
of condensed water, 15421
- wheat yields, variability, 14538
- Greece:
agricultural commodities, agreement,
15363
- trade in cotton textiles, agreement, 15356
- Greenland:
DEWline ice cap stations, 1963, perform-
ance study, 14211
- lights and fog signals, list, change, 15237
- Gregg, Randolph M., occupations in care and
rehabilitation of mentally retarded, 14569
- Griffin, George E., near-drowning, pathophys-
iology, etc., 14996
- Griffith, Eugene, plant inventories, plant ma-
terial introduced, 14115
- Groceries, manufacturing, organization and
competition, studies, 15216
- Groff, Richard W., Minnesota's aspen and its
projected supply, 14703
- Gross receipts tax, State taxation of inter-
state commerce, report, print additional
copies, report, 14461
- Groton, Conn., reduced defense spending,
potential impact, 14207
- Group behavior, learning nonsense syllables,
comparison with individual performance,
14994
- Group Services, Workshop on, see Workshop
on Group Services.
- Les groupes a l'aide de l'individu, 6 rapports
d'informations générales présentés au
Séminaire des Services par Groupes, 14583
- Growing flowering perennials, 14138
- Growth patterns in employment by county,
1940-50 and 1950-60, 14247
- Guaranties and sureties:
investments, agreement with—
Ceylon, 15347
- Honduras, 15360
- Singapore, 15352
- Guidance systems, simplified technique to
establish lunar orbit, 15154

Guide books:

welcome to U.S.A.—

French edition, 15402

Spanish edition, 15401

Guided missiles, *see* Missiles.

Gula, Martin, quest for equality, 14282

Gulf Coast, Indians, general information, 14764

Gypsum, mineral yearbook chapter, 15008

Gyroplanes, commercial pilot flight test-guide, 14683

H

Hafnium:

Electrorefining, electrolytes for, 15022

minerals yearbook chapter, 15034

Hagberg, Hilding, former Communist Party chairman publishes book, 14903

Haida Indians:

totem pole, colored poster with—

French text, 15407

German text, 15405

Spanish text, 15406, 15408

Hail, forming processes, USSR study, 14949

Hall, J. Richard, polybenzimidazoles, review, 14522

Hampton, Va., area wage survey, metropolitan area, 14974

Hand tools, stores stock catalog, supplement, 14646

Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.

Handicapped, jobs for, program guide, pursuit of happiness, 14966

Handwriting, criminological distinction of similar handwritings by computers, USSR study, 14864

Hanke, Byron R., land-use intensity standards, LUI scale and zoning, 14631

Hannaford, Mary M., proportion of surgical bill paid by insurance, etc., 15306

Hansen, John P., reaction interface speed as reducibility index for iron ore, 15028

Harding, Bertrand M., nomination, hearing, 14500

Hardwoods:

northern stands, 4 methods of marking

2d growth, 14700

pallets, performance, effect of initial moisture content, 14714

Harliee, John, address, Sept. 14, 1966, 14633

Harman, Cameron G., non-glassy inorganic fibers and composites, 15086

Harmon, Hubert R., memorial lectures in military history (series), 14166

Harmonic functions, Vinti's accurate reference orbit with inclusion of 3d zonal harmonic computational procedure, 15170

Harris, Dale W., design procedure for weight optimization of straight finned radiators, 15143

Harris, J. Donald, monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993

Harris Neck National Wildlife Refuge, general information, 14669

Hatches, cover plate, inflatable O-ring seal would ease closing, 15115

Haun, J. R., fiber and papermaking characteristics of bamboo, 14164

Havas Lake National Wildlife Refuge, birds, list, 14662

Haverhill, Mass., area wage survey, metropolitan area, 14975

Hawaii:

elementary and secondary education

amendments of 1966, hearings, 14416

leased lands, authorize Farmers Home

Admin. loans, report, 14398

Hazardous substances, transportation of dangerous articles, etc., Federal aviation regulation, change, 14608

Head, injury, potential, from airline seats during crash decelerations, 14243

Health:

community planning grants for heart disease, cancer, and stroke, 14757

environmental health series—

food protection, 15276

radiological health, 15277

health information leaflets and pamphlets, list, 15286

health information series, 15279-281

Indian, highlights, 15284

Indian program, Operation SAM, systems analysis module for development, 15292

Kazakhstan, progress, 14915

radiological health mobile training laboratory, 15300

research facilities, guidelines for architectural-engineering documents for grants, 15267

school program, outline for school and community, 15302

services, job development and training for workers, 14759

statistics—

data evaluation and methods research, 15305

data from national health survey, 15306-310

Tadzhikistan public health, 14905

Health, Education, and Welfare Department: appropriations, 1967, hearings, 14472

grants-in-aid and other financial assistance programs administered, 14758

reorganization, hearings, 14484

staff development, progress, report, 1965 fiscal year, 14585

Health insurance:

aged persons, conditions for participating hospitals, correction, 15326

farmers and farm workers under, 15332

health insurance for the aged, HIM (series), 15326

independent plans, 15331

interview response compared with insurance records, 15305

proportion of surgical bill paid by insurance, 15306

Health service workers, training, critical challenge, conference proceedings, 14759A

Hearing:

monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993

screening in selected classes for mentally retarded, Detroit, Mich., 14283

Hearing aids:

ear, Tariff Commission report, 15385

monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993

Heart, cardiac activity, phase analysis, USSR study, 14953

Heart diseases, community health planning grants, 14757

Heart River, drainage basin, surface water, sedimentation and chemical quality, 14755

Heart rot, balsam fir, 14695

Heat exchangers, vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772

Heat transfer:

coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192

laminar, in arc-heated nitrogen streams, effect of discontinuities in surface catalytic activity, 15198

Plum Brook reactor, analysis, 15165

radiator panels utilizing shared fins, heat-rejection characteristics, 15189

INDEX

Heat transfer—Continued

tests—

- delta wings with laminar and turbulent boundary layers, 15047
- flat plate with flap and delta wing, etc., 15048
- surface roughness elements with laminar and turbulent boundary layers, 15049

vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772

Helfand, Sol. D., retail sales, 14279

Helicopters:

- certification and operations of scheduled air carriers with helicopters, Federal aviation regulations, change, 14611-612
- small business, role in air transportation industry, hearings, 14442

Helium:

- minerals yearbook chapter, 15009
- permeation of glass in vacuum systems, treatment reduces, 15102

Helmets, assembly, one-piece transparent shell improves design, 15120

Helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965:

- French edition, 14583
- Spanish edition, 14584

Hematocrit, fish, electronic method of measuring, evaluation, 14674

Hepatitis, description, etc., 15281

Herbicides:

- firebreak maintenance with soil sterilants, 14707
- granular, application to ornamental plant materials in nurseries, 14103
- see also* Diuron.

Heterogeneous reactors, *see* Reactors (atomic).

Heusinkveld, M., subsurface effects measurements, Project Pre-Schooner, 14237

High schools:

- impact aid to strengthen and improve programs of assistance, hearings, 14417
- Soviet, social science, syllabus of new course, 14564

Higher education, *see* Colleges and universities.

Highway safety, *see* Safety of life.

Highways, *see* Roads and highways.

Hill-Burton program, hospital and medical facilities series under Hill-Burton program, 15282-283

HIIM series, 15326

Hirshhorn Museum and Sculpture Garden, *see* Joseph H. Hirshhorn Museum and Sculpture Garden.

History, *see* names of departments, etc.

Hoc tap (North Vietnam periodical):

- translations, 14884

Hodges, Carl N., solar distillation utilizing multiple-effect humidification, 14770

Hoffman, Anthony C., instrument system for determining temperature effects on maximum induction of magnetic materials, 15175

Holloway, Paul F., roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149

Home economics:

- home and garden bulletins, 14137-138
- homemakers' opinions and preferences for broiler-fryers and turkeys, 14141

Home loans, *see* Loans.

Homemaker service, *see* Visiting housekeepers.

Homemaking, *see* Home economics.

Homes:

- employees in nursing, etc., homes for aged or chronically ill, 1964 statistics, 15310
- FHA financing for home purchases and home improvements, consumer bulletin, 14629

Honduras, investment guaranties, agreement, 15360

Honey production, 15380

Hong Kong, refugee problems, report, 14389

Honnold, V. R., transistor design effects on radiation resistance, 15075

Horn, Arthur G., Lake States pulpwood production hampered by adverse weather and labor shortage, 14702

Hosiery industry, 1947-64, indexes of output per man-hour, 14968

Hospitalization insurance, good news for household workers, 15328

Hospitals:

- administrative aspects of central medical and surgical supply services, 15282
- conditions for participation in health insurance for aged program, correction, 15326
- conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283

construction program, agreement with Burma, 15370

general, admittance of psychiatric patients, survey, 15303

hospital and medical facilities series under Hill-Burton program, 15282-283

see also Military hospitals—Veterans hospitals.

Hours of labor, employee earnings, retail trade, June 1965, summary release, 14984

House Administration Committee, House, committee print, 14426

House documents, 14379-387

House of Representatives:

- appropriations, 1967, legislative report, 14395
- disbursements, detailed statement, 14426

House reports, public bills, 14388-402

Household goods:

- consumer buying intentions, 14278
- shipments overseas, charges for diversion in continental U.S., GAO review, 14734

Household workers, *see* Servants.

Households by type, 1965, population characteristics, 14270

Housing:

- authorized, construction reports, summary statistics, 14263
- construction, 1859-1964, statistics, 14280
- consumer buying intentions, 14278
- current reports, housing characteristics, 14269
- discrimination in sale, etc., eliminate, hearings, 14493

housing and urban development act of 1966, report, 14388

living units, minimum property standards, interim revision, 14632

people in Washington, D.C., problems, synopsis of findings, 15212

vacant units in U.S., 14269

Housing and Urban Development Department, appropriations, 1967, report, 14401

How extension spends its time and with whom, 14626

Howe, John T., dynamics of capillaries and existence of plasma flow in pericapillary lymph space, 15146

Howell, John R., radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197

Hudson, R. G., diffusion and electron emission properties of duplex refractory metal thermionic emitters, 15044

Hudson Bay, surface water quality of basin, 14756

Hudson River and Valley, mid-Hudson rural development project, 14596

Huff, Judith M., recreation facilities and services operated by FHA borrowers, 14541

- Huff, Lyman C., mineral resources of Sycamore Canyon, primitive area, Ariz., 14747
- Hulse, Fred E., pooling by Florida citrus cooperatives following 1962 freeze, 14142
- Human centrifuges, *see* Centrifuges.
- Human Rights Year, International, *see* International Human Rights Year.
- Human transfer functions used to predict system performance parameters, 15109
- Humidity, multiple-effect humidification utilized by solar distillation process, 14770
- Humphrey, Richard A., precision winding of cylindrical composites with shaped glass filaments, 15038
- Hungarian Chemical Society, general assembly, 1966 report, 14933
- Hungary:
- Academy of Sciences—
 - activities of corporate bodies, 14835
 - recent activities, 14859
 - biological research, development, 14834
 - biological sciences, development, 14845
 - doctors and candidates, for doctorate, list, 14836
 - geodetic instruments, application, 14956
 - Hungarian observation network for artificial satellites, activities, 14833
- Hunger:
- balance agricultural productivity and population to prevent famine (address), 14129
 - dimensions of world hunger problem (address), 14120
 - magnitude of impending food crisis (speech), 14160
- Hunting, migratory birds, Alaska, 1966-67. Federal regulations governing, 14673
- Hurd, Edgar B., costs and returns, 1965, commercial wheat farms, Pacific Northwest, northern and southern Plains, 14530
- Huron, Lake, small craft, gale and whole gale warning facilities chart, 15423
- Hurricanes:
- surveys, engineer reports, Florida north-west coast—
 - departmental edition, 14572
 - document edition, 14384
- Hutchison, S. Blair, timber management issues on Utah's north slope, 14712
- Hutchital, D. A., transport phenomena in ionized gases as initial value problem, 15062
- Hydraulics, model investigation, Dana Point Harbor, Calif., 14575
- Hydrogen:
- argon-hydrogen plasmas, reaction of coal, 15030
 - hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
 - transient flow in heated passages in laminar-turbulent transition region, analysis, 15200
- Hydrohandling system, sorting and sizing apples before storage, 14112
- Hydromagnetic waves, *see* Magnetohydrodynamics.
- Hydrometeorology:
- Cuba, USSR study, 14872
 - hydrometeorological observations for processing on electronic computers, preparation of results, USSR study, 14869
 - hydrometeorological report, 15420
 - USSR, scientific work at institutes of hydrometeorological service, 14873
- Hypatia, RL66, lunar chart, 14186
- Hypersonic speed, *see* Air speed.
- Hypertension, *see* Blood pressure.
- Hypnosis, dreams during, USSR study, 14849
- IAEA, *see* International Atomic Energy Agency.
- ICA, *see* Industrial College of Armed Forces.
- Ice:
- adhesion to hydrophobic surfaces, 15252
- Iceland:
- agricultural commodities, agreement, 15374
- Idaho, manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Identification, aircraft and related products, Federal aviation regulations, change, 14601
- IESC, *see* International Executive Service Corps.
- IFR, *see* Instrument flight rules.
- Illinois:
- 4 inert dusts on stored shell corn for protection against insects, progress report, evaluation, 14108
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- Image (psychology):
- team procedures in image interpretation, 14234
- Immersion, near-drowning, pathophysiology and treatment, 14996
- Immigration and emigration:
- immigration and nationality act, amend, hearings, 14430, 14496
 - laws, administrative decisions, index, 14762
- Immunization, and viral aerosols, USSR studies, 14891
- Impact, and puncture-resistant material protects parts from damage, 15105
- Impacted areas, *see* Schools.
- Imports, *see* names or classes of articles imported.
- Income:
- consumer expenditures and income—
 - rural farm population—
 - north central region, 14117
 - southern region, 14118
 - consumer income, series, 14277
 - family, 1965 median, 14277
 - farm costs and returns—
 - commercial Corn Belt farms, 14533
 - commercial egg-producing farms, New Jersey, 14532
 - commercial tobacco-livestock farm, Bluegrass area, Ky., 14531
 - commercial wheat farms, Pacific Northwest, northern and southern Plains, 14530
 - western livestock ranches, 14529
- Income tax:
- contributions to needy older relatives, tax consequences, hearing, 14469
 - District of Columbia, withholding by Federal agencies, regulations, rescission, 15396
 - IRS looseleaf system, 14776
 - self-employed retirement deduction for 1964, Treasury Dept. report, 14445
- State—
- and territorial, withholding on compensation of Federal employees, regulations, rescission, 15395
 - withholding from salaries of Federal employees, regulations, rescission, 15397
- Independent offices, *see* Government offices.
- Index numbers, *see* subjects, e.g. Production.
- Indexes:
- broadcasting stations of world—
 - amplitude modulation—
 - frequency, 14687
 - indexed by country and city, 14686
 - frequency modulation, by country, city, frequency, 14688
 - television, 14689
 - Civil War military operations, prospectus, 14313
 - Defense Department specifications and standards, 14519
 - flood damage prevention, bibliography, 15389

INDEX

Indexes— Continued

fundamentals of electronics, transparencies, 15244
 Immigration and Naturalization Service administrative decisions, 14762
 NASA tech briefs, 15083
 organization of Congress, hearings, 14368
 output per man-hour, hosiery industry, 14968
 planetary atmospheres, continuing bibliography, 15091
 renegotiation rulings and bulletins, 15318
 Indexing, method, gear drive automatically indexes rotary table, 15113
 India:
 amateur alien radio operators, authorization to operate, agreement, 15373
 refugee problems, report, 14389
 Indian Claims Commission:
 cases before, revolving fund to finance assistance, increase authorization, report, 14393
 termination date, extend, report, 14396
 Indian Ocean:
 atlas of bathythermograph data, 15231
 Indian Ocean Expedition, *see* International Indian Ocean Expedition.
 Indian reservations, *see* names of reservations.
 Indiana, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
 Indians:
 California, judgment funds, disposition, hearings, 14427
 Dakotas, general information, 14763
 Gulf Coast tribes, general information, 14764
 health program, Operation SAM, systems analysis module for development, 15292
 Indian health highlights, 15284
 Montana & Wyoming tribes, general information, 14765
 New Mexico tribes, general information, 14766
 Northwest tribes, general information, 14767
 revolving fund, assistance in cases before Indian Claims Commission, increase authorization, report, 14393
 see also names of reservations or tribes.
 Indonesia:
 agricultural commodities, agreement, 15361
 political history and Oct. 1 coup, Swedish leftist view, 14902
 Inductance, inductive system detects level of conducting fluids, 15122
 Industrial College of Armed Forces, National Security Seminar, 1966-67 presentation outlines and reading list, 14787
 Industry:
 aesthetics and cybernetics, application, USSR study, 14802
 Bulgarian National Assembly's permanent commission, progress noted at session, 14952
 questions and answers, QA-IND series, 15417
 safety of life, mechanical and physical hazards series, 14965
 wage survey, cotton textiles, 14979
 see also names of industries.
 Inertia:
 convective, flow and pressure field analysis of parallel groove geometry, etc., 15201
 system for inertial experiment pointing and attitude control, 15202
 Infectious diseases, *see* Contagion and contagious diseases.
 Infrared spectroscopy, *see* Spectroscopy.
 Infrared spectrum, *see* Spectra.
 Ingebo, Robert D., atomization of ethanol jets in combustor with oscillatory combustion-gas flow, 15147

Injuries:

head and face injury potential of airline seats during crash decelerations, 14243
 oil and gas industry, 15004
 spread of injury in somatic muscle fibers, USSR study, 14932
 young farmworkers', examples, etc., 14967
 Innovation and reform in warfare, 14166
 Inorganic fibers, *see* Fibers.
 Insect pests, *see* Insects.
 Insecticides, *see* names of insecticides.
 Insects:
 evaluation of 4 inert dusts for protection against insect attack on—
 shelled corn in Georgia, 14109
 stored shell corn in Illinois, 14108
 stored wheat in Kansas, 14110
 individual eggs from egg-mass-depositing insect, obtaining, 14709
 pests, deciduous fruits in West, 14130
 Inspection services, ports of entry, costs, reports, 14460
 Installations (military):
 arctic and subarctic construction, technical manuals—
 emergency construction—
 general provisions, 14227
 site selection and development, 14226, 14228
 Army, facilities, basic criteria and construction standards, technical manual, 14222
 defense scrap yard handbook, 14516
 DEWline ice cap stations, Greenland, 1963, performance study, 14211
 dining facilities for enlisted personnel, technical manual, 14225
 Institute of Atomic Physics, Rumania, nuclear installation and computerized weather forecasting, 14841
 Institutions:
 rights granted to institutions of higher learning, suggested expansion, USSR study, 14924
 see also Child welfare institutions.
 Instrument flight rules, IFR altitudes, Federal aviation regulations, 14607
 Instrument panels, *see* Panels and paneling.
 Instrumentation, systems, minimum permissible leakage resistance established, 15127
 Instruments, automatic instruments and equipment, production, USSR study, 14928
 Insurance, *see* types of insurance.
 Insurance companies, *see* Life insurance companies.
 Insurance banks, *see* Banks and banking.
 Integration, *see* Race problems.
 Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures for Federal agencies, etc., progress report, 14245
 Interagency training programs, *see* Government officials and employees.
 Interdepartmental Scientific Council on Programmed Instruction, USSR, interview on programmed instruction with Academician A. I. Berg, Chairman, 14791
 Interest and usury:
 insured banks, paid on savings, maximum interest rates, regulation, hearing, 14476
 interest rates and mortgage credit, hearing, 14474
 payment of interest on deposits, Federal Reserve regulation Q—
 amendment, 14640
 supplement, 14641
 Interest rates, *see* Interest and usury.
 Intergovernmental relations, responsibilities and cooperation of Federal, State and local Governments (remarks), 14151
 Interior and Insular Affairs Committee, House:
 hearings, 14427
 reports, 14392-393, 14396-397
 Interior and Insular Affairs Committee, Senate, hearings, 14486-491

Interior Department:

Assistant Secretary, nomination of Frank C. DiLuzio, hearing, 14487
saline water research and development progress report, 14770-774
study control of jellyfish and other such pests, hearings, 14433

Intermountain region, prescribed fire planning, 14713

Internal revenue:

code of 1954—
amend, hearings, 14480
tax exemption, pension trust procedures and guides for qualification, 14779
see also names of certain taxes, e.g., Income tax.

Internal Revenue Service:

looseleaf regulations system—
employment tax, 14777
income tax, 14776

International agreements, *see* subjects, names of countries, etc.

International Atomic Energy Agency, application of safeguards to cooperation agreement with Austria, 15345

International boundary study, 15342

International Commerce Bureau, international business publications, checklist, 14782

International Congress on Home Help Services, proceedings, 15427

International Convention for Prevention of Pollution of Sea by Oil, amendments, implementing, report, 14464

International Convention on Load Lines, text, regulations, 1966, 14452

International cooperation, economic, appeal for renewal on grand scale, twenty years after, 14377

International Development Agency, telephone directory, 15344

International exchanges, teacher exchange program, 14558

International Executive Service Corps, executives march ahead, Ghana progress, 14781

International Human Rights Year, U.S. observance, hearings, 14421

International Indian Ocean Expedition, cruises, track charts, 15232

International Load Lines, *see* International Convention on Load Lines.

International relations:

cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165

promote foreign policy, etc., of U.S. by assisting people of world in efforts toward security, hearings, 14419

United States policy toward Asia, report, 14387

see also Alliances.

International trade, *see* Commerce.

International Year for Human Rights, *see* International Human Rights Year.

Interpolation path controllers, digital higher order, 15182

Interstate agreements, bus taxation proration, Massachusetts, consent of Congress, report, 14453

Interstate and Foreign Commerce Committee, House, hearings, 14428

Interstate carriers, *see* Carriers.

Interstate Commission on Potomac River Basin, appropriations, 1967, hearings, 14472

Internal response on health insurance compared with insurance records, U.S., 15305

Interviewing, accuracy of information obtained in interviews on health insurance coverage, cooperative study, 15305

Intoxication, *see* names of poisons.

Intraspecies biologic and behavioral variability, 14193

Inventions:

Federal inventions act of 1966, report, 14458

information aid for inventors, 15257

Inventories:

interstate carrier water supplies, by States and Public Health Service regions, 15255

management, economic order quantity, principle and applications, GSA handbook, 14740

plant, material received by New Crops Research Branch, 14115

Inventors, Bulgarian, awards, 14951
patents and inventions, information aid, 15257

Investment companies, small business investment act amendments of 1966, hearings, 14477

Investments:

District of Columbia, legal investments for trust funds, list, 14525

guaranties, agreement with—

Ceylon, 15347

Honduras, 15360

Singapore, 15352

nonfarm mortgages, life insurance companies, 14628

Investors:

foreign investors tax act of 1965, written statements submitted to Ways and Means Committee, 14446

foreign investors tax act of 1966, hearings, 14480

Ionization, nonequilibrium phenomena in Apollo plasma sheath, estimates, 15077

Ionization gases, Bayard-Alpert, effects of rubidium vapor, 15179

Ionized gases, *see* Gases.

Ionizing radiation, effects on eyes of personnel in nuclear-powered submarines, 14991

Ionosphere:

layers in infrared spectral region, USSR study, 14794

range residuals in VHF radar tracking, 15169

Ions, metallic complexes, role in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943

Iowa, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257

Ips confusus (Lec.), *see* Beetles.

Iraq, mineral industry, minerals yearbook chapter, 15015

Iron:

fluorination, kinetics, 15180
ores, reducibility index, reaction interface speed, 15028

Iron ores, *see* Iron.

Irradiation, *see* Radiation.

IRS, *see* Internal Revenue Service.

Irvine, Dallas, military operations of Civil War, guide index to official records of Armies, 14313

Islam, *see* Mohammedanism.

Israel:

agricultural commodities, agreement, 15364

amateur alien radio operators, authorization to operate, agreement, 15366

mineral industry, minerals yearbook chapter, 15016

Isle Royale National Park, birds, 14676

Isotopes, analysis, instrumentation and procedures of NBS Analytical Mass Spectrometry Section, 15209

Isthmian Canal, *see* Panama Canal.

Ivory Coast, agricultural commodities, agreement, 15368

INDEX

J

- Jacks, steel, from Canada, determination of likelihood of injury, 15386
 Jacobs, Rodney D., silvicultural evaluation of 4 methods of marking 2d growth northern hardwood stands, 14700
 Jaack, C. L. pressure and heat transfer tests on surface roughness elements, 15049
 Janz, George J., diffusion of electrolytes, diaphragm diffusion technique, 14771
 Japan:
 air transport services, agreement, 15346
 ambassador, nomination of U. Alexis Johnson, hearings, 14481
 mutual defense assistance, agreement, 15350
 southern, sailing directions, change, 15236
 Jellyfish, and other such pests, control, hearings, 14433
 Jets, ethanol, atomization in combustor with oscillatory combustion-gas flow, 15147
 Job Corps:
 amendments to economic opportunity act, hearings, 14498
 conservation centers, etc., list, 14527
 Job satisfaction, factors, spontaneous comments, 14192
 Jobs, *see* Occupations—Training—Work.
 John Fitzgerald Kennedy Library, title to, authorize Administrator of General Services to accept, hearing, 14424
 John V. Boland Construction Co., relief, 14348
 Johnson, Lyndon B., *see* President of United States.
 Johnson, Raymond H., jr., ultrasonic dispersion of sediments for size fraction radioanalysis, 15277
 Johnson, U. Alexis, nomination, hearings, 14481
 Johnson, Wilfrid E., remarks, Sept. 14, 1966, 14241
 Joint Publications Research Service, JPRS series, 14789-958
 Jones, John P., commemoration at Annapolis, Apr. 24, 1966, 15240
 Jones, Lawrence A., rural home financing through Voluntary Home Mortgage Credit program, 14535
 Jones, William J., NASA contributions to cardiovascular monitoring, 15084
 Jordan, mineral industry, minerals year-book chapter, 15017
 Joseph H. Hirshhorn Museum and Sculpture Garden, establish, hearing, 14439
 JPRS series, 14789-958
 Judaism, decline in Moldavia, 14867
 Judicial procedure, *see* Civil procedure.
 Judiciary Committee, House:
 hearings, 14429-430
 report, 14389
 Judiciary Committee, Senate:
 committee print, 14497
 hearings, 14492-496
 reports, 14453, 14455, 14458
 Junction connectors for strategic placement of television cameras, 15121
 Jung Won Loy, relief, 14346
 Jury, selection, protect civil rights, hearings, 14493
 Justice Department, opinions of Attorney General, 14959

K

- Kansas:
 bluestem, Flint Hills, pasture report, 15375
 4 inert dusts for protection of stored wheat from insect attack, evaluation, 14110
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 Kaufman, L., vaporization of liquid uranium, metal, and carbon systems at 9000° and 10,000° R. 15076

- Kawa, Walter, reaction of coal in argon and argon-hydrogen plasmas, 15030
 Kazakh Soviet Socialist Republic:
 Biological Science Department, Academy of Sciences, scientific activity of institutions, 14923
 public health progress, 14915
 southern, statistical structure of wind field, USSR study, 14877
 Kazakhstan, *see* Kazakh Soviet Socialist Republic.
 Keen, F. P., western pine beetle, 14694
 Kennedy, John Fitzgerald, Library, *see* John Fitzgerald Kennedy Library.
 Kennedy Round, *see* General agreement on tariffs and trade.
 Kentucky:
 Bluegrass area, tobacco-livestock farms, costs and returns, 14531
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
 forests—
 Blue Grass Unit, 14718
 Pennyroyal Unit, 14717
 Western Coalfield Unit, 14720
 Western Unit, 14719
 Kenya, agricultural commodities, agreement, 15357
 Key to meteorological records documentation, 14579-580
 Kidneys, renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
 Kinetics:
 desorption, multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
 fluorination of iron, 15180
 King, J. Derwin, vibrating diaphragm pressure transducer, 15082
 Kleh, Thomas R., ionizing radiation effects on eyes of personnel in nuclear-powered submarine, 14991
 Knapp, Joseph G., basic cooperative features, 14590
 Kniffin, Fred W., retail credit and collections, 15324
 Knott, Edward M., homemakers' opinions and preferences for broiler-fryers and turkeys, 14141
 Kobayashi, Shigeo, influence of boundary conditions on buckling load of cylindrical shells under axial compression, 15061
 Kobbett, D. R., flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, 15050
 Kollmeyer, Ronald C., oceanography of Grand Banks region of Newfoundland, 14317
 Kolodrubetz, Walter W., private pension plan benefits, 14978
 Konovalov, Nikolay V., obituary, USSR, 14809
 Krall, Allan M., root locus diagrams by digital computer, 15059
 Kramer, Lucy M., training health service workers, critical challenge, 14759A
 Krefling, Laurits W., birds of Isle Royale in Lake Superior, 14676
 Krzykowski, Kazimierz (Casimer):
 relief, 14355
 Krzywicki, Harry J., human body density and fat of adult male population as measured by water displacement, 14235
 Kupper, Hubert J., relief, 14366
 Kurdistan, national liberation movements, 1943-57, 14910
 Kurds, religious activities, USSR study, 14801
 Kurzhals, Peter R., system for inertial experiment pointing and attitude control, 15202

L

L series, 14290

Labels:

private products in food retailing, 15218
tires, labeling guides adopted by Federal Trade Commission, 14647

Labor:

Commerce Department plays important role in labor's development (address), 14319
controls, USSR, recent changes, 14372
indexes of output per man-hour, hosiery industry, 14968
job development and training for workers in health services, 14759
market, current employment market for engineers, scientists, and technicians, 14567

plant location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982
shortage, hampered Lake States pulpwood production, 14702

see also Farm labor.

Labor and Public Welfare Committee, Senate:
hearings, 14498-501
report, 14468

Labor Department:

appropriations, 1967, hearings, 14472
Assistant Secretary, nomination of Stanley H. Rittenberg, hearing, 14501
regulations and interpretative bulletins, 14962

Labor disputes, airlines and employees, settlement, hearings, 14428

Labor-management reporting and disclosure act of 1959, regulations and interpretative bulletins, 14962

Labor markets, *see* Labor.

Labor standards:

fair labor standards act, sheltered workshops, questions and answers, 15417
Public Roads Bureau labor compliance manual, amendment, 15315

Labor Standards Bureau, bulletin, 14965

Labor Statistics Bureau:

BLS report series, 14968-969
bulletins, 14970-980

Labor unions, Bulgarian Central Council of Trade Unions, officers, members, etc., 14848

Laboratories, radiological health mobile, training laboratory, 15300

see also Research laboratories—*also* names of laboratories or places where located.

Laguna Atascosa National Wildlife Refuge, birds, 14664

Laissez faire, strengthening free enterprise, 1965 annual report, Small Business Administration, 15325

Lake States, *see* Great Lake States.

Lake States Forest Experiment Station, forest genetics and related research, annotated bibliography, 14715

Lake States Forest Tree Improvement Conference and Genetics Workshop of Society of American Foresters, joint proceedings, 14716

Lake Woodruff National Wildlife Refuge, general information, 14670

Lamb, Lawrence E., influence of manned space flight on cardiovascular function, 14196

Laminar flow, *see* Flow.

Laminated materials, Echo II metal-polymer laminate, mechanical and physical properties, 15140

Land:

land and water conservation fund, 1st year and half, 15255

retirement programs, aggregate economic effects, linear programming analysis, 14162

Land—Continued

Rumania, utilization, research, 14886
Tennessee Valley, inventory of land and its use, 15330

turning cropland into recreational use (remarks), 14152

use, intensity standards, LUI scale and zoning (paper), 14631

Larson, Donald K., variability of wheat yields in Great Plains, 14538

Lasers, bibliography, 15089

Launch vehicles, *see* Spacecraft.

Launching facilities, minimax control of large launch boosters, 15053

Lauritzen, C. W., rain traps for intercepting and storing water for livestock, 14133

Law:

publications, price list, 15265

slip laws (private), 89th Congress, 14335-367

Swedish research in Soviet legal terminology, 14901

see also subjects.

Law enforcement, Federal assistance to State and local governments, amend 1965 act, hearings, 14429

Lawrence, Mass., area wage survey, metropolitan area, 14975

Laws, *see* Law—*also* subjects.

Leadership:

Air Force officers, 14167
become a leader, apply for OCS, Army, 14219

Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.

Leakage (electrical):

instrumentation systems, minimum permissible leakage resistance established, 15127

Lean-to-shelter, *see* Air raid shelters.

Learning:

and overlearning, physiological correlates, 15251

individual and group, comparison, 14994
rights granted to institutions of higher learning, suggested expansion, USSR study, 14924

Leases, long-term, on San Xavier and Salt River Pima-Maricopa Indian reservation, report, 14397

Leave of absence:

additional accumulation of certain foreign areas, hearings, 14410

Federal seafaring employees, additional leave, report of Civil Service Commission, 14435

Lech, Marie M., administrative aspects of hospital central medical and surgical supply services, 15282

Lectures, *see* Addresses, lectures, etc.

Lee, William O., effect of annual applications of diuron on seed yields of grasses, 14163

Legislation:

Budget Bureau legislative policy, hearing, 14404

major legislative action, 89th Congress, 14378

see also Law—*also* subjects.

Legislative appropriations, *see* Appropriations.

Leko, Robert W., analysis of transient flow of hydrogen in heated passages in laminar-turbulent transition region, 15200

Lenin prizes:

interview with winner, Viktor Glushkov

about cybernetics, USSR, 14857

mathematics, winner, Nikolay V. Yefimov, 14881

Leningrad Planning Institute, personnel and economic problems, 14861

Leninism, *see* Communism.

Leslie, Edward A., basic data on economy of

United Kingdom, 14325

INDEX

- Leslie, John M., effects of time delay in visual feedback loop of man-machine system, 15063
- Lewis, John H., jr., flight parameters and vehicle performance for Project Fire flight II, 15176
- Li Tsu Chen, *see* Chen, Li Tsu (Nako).
- Liability (law):
maritime matters, NS *Savannah*, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
- Liability insurance, savings by discontinuing on FHA acquired property, GAO report, 14729
- Liberty, Kurdish national liberation movements, 14910
- Librarians, employment with Air Force, 14173
- Libraries, books, price fixing, hearings, 14492
see also names of libraries, or places where located.
- Library list, National Agricultural Library, 15204-205
- Library of Congress:
appropriations, 1967, legislative, report, 14395
catalogs, national union catalog, register of additional locations, 14986
- Life insurance, national service, refunds, Philippine peso payments, hearings, 14443
- Life insurance companies:
farm mortgage lending experience, 14547
nonfarm mortgage investments, 14628
- Light, measurements in study of primary production in sea, USSR study, 14798
- Light lists, *see* Lights and lighting.
- Lightman, Joseph M., patent, trademark, industrial design and copyright protection in Colombia, 14326
- Lights and lighting:
Coast Guard list, Pacific Coast and Pacific Islands, 14315
Naval Oceanographic Office, list, Greenland, etc., 15237
- Lin Piao, long live victory of people's war, 14690
- Lindemann, Terrance, report from volunteer unit, executives march ahead, Ghana request shows progress being made by International corps from U.S. business, 14781
- Linear programming, analysis, alternative land retirement programs, aggregate economic effects, 14162
- Liquid level indicators, inductive system detects level of conducting fluids, 15122
- Liquid metals, *see* Metals.
- Liquid oxygen, *see* Oxygen.
- Liquid uranium, *see* Uranium.
- Lists, *see* subjects of lists.
- Litchfield, Elton L., detonation initiation in alkane-oxygen mixtures, 15031
- Lithium, manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
- Little Arkansas River and Valley, fluvial sediment in basin, 14754
- Litvinov, Maksim, activities as ISKRA agent, USSR, 14837
- Livestock:
commercial farms, costs and returns, Bluegrass area, Ky., 14531
industry, organization and competition, 15214
ranches, western, 1965, costs and returns, 14529
report, 1866-1966, development and progress, 15378
water provided by rain traps, 14133
- Living conditions, *see* Cost and standard of living.
- Lloyd, Dallas, arms control and disarmament, studies in progress, etc., 15336
- Load (mechanics):
in-plane and axial eigenvalue problem for beams and rectangular plates, 15056
pneumatic separator gives quick release to heavy loads, 15093
time-dependent loading, axisymmetric response of cylindrical and hemispherical sheets, 15069
- Load Lines, International Convention on, *see* International Convention on Load Lines.
- Loaders (mechanical):
universal transloader moves delicate equipment without stress, 15114
- Loading, *see* Load (mechanics).
- Loans:
Farmers Home Administration, on leased lands in Hawaii, authorize, report, 14398
Federal Housing Administration, financing for home purchases and home improvements, consumer bulletin, 14629
home mortgage, in rural areas through Voluntary Home Mortgage Credit Program, 14535
public works and economic development act, broaden coverage, hearings, 14438
see also Mortgages.
- Lockwood, Vernard E., pitch-up on supersonic transport model with variable-sweep wing, 15160
- Logic (symbolic and mathematical):
low power nanosecond pulse and logic circuits using tunnel diodes, 15168
- Logistics, machining data, AMC pamphlet, 14209
- Logs, overruns, southern yellow pine, 14708
- London, England, U.S. trade center, 14783
- Long Island National Wetlands-Recreation Area, establish, hearings, 14432
- Long live victory of people's war, article by Chinese People's Republic Minister of Defense Lin Piao, 14690
- LSD-25, *see* Lysergic acid diethylamide.
- Lubricants, farmers tax credit, 14775
- Lubricating oil, *see* Lubricants.
- Lumb, Dale R., error rate reduction of parity checked telemetry data by likelihood deletion strategy, 15181
- Luminescence, electroluminescent instrument panels, legibility, 15095
- Lunar:
NOTE.—For other subjects beginning Lunar, *see* Moon.
- Lunar charts and mosaic series, U.S.A.F., 14179-182, 14186-187
- Lux, Fred E., length-weight relation of summer flounder, 14675
- Lyles, Charles H., fishery statistics of United States, 14678
- Lymph, pericapillary space, dynamics of capillaries and existence of plasma flow, 15146
- Lynde, Harold W., jr., cobalt, 15001
- Lysergic acid diethylamide, Soviet reports on LSD, 14880

M

- MacArthur, Douglas:
campaigns in the Pacific, 14220
reports, 14220
- MacArthur, J'Wayne, feasibility of establishing alfalfa dehydrating plants in Northwest resource conservation and development project areas, 14542
- McCafferty, James A., persons under supervision of Federal probation system, 14098
- McColloch, Lacy P., chilling injury of eggplant fruits, 14140
- McCoy, Ernest E., jr., improved Carlson stress meter, 14576
- McDanels, David L., electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183

- Machinery, electrical discharge machining of high-strength metals and alloys, USSR studies, 14832
see also subjects for which machinery is used.
- Machining:
 operations, AMC pamphlet, 14209
 precision, new physical and chemical methods, USSR study, cancellation, 14789
- Machinists, *see* Aviation machinists.
- McIntire-Stennis act, *see* Forests and forestry.
- McKinney, John R., relief, 14367
- MacNeal, Richard H., use of filament wound toroids as pneumatic shock absorbers, 15071
- Maderak, M. L., sedimentation and chemical quality of surface water in Heart River drainage basin, N. Dak., 14755
- Maglieri, Domenic J., experiments on effects of atmospheric refraction and airplane accelerations on sonic-boom ground-pressure patterns, 15152
- Magnesium, compounds, minerals yearbook chapter, 15013
- Magnetic bottles, *see* Stellarators.
- Magnetic fields:
 dc to dc converter eliminates large stray magnetic fields, 15106
 influence on central nervous system, USSR study, 14823
 outside perfect rectangular conductors, 15177
- Magnetic materials:
 temperature effects on maximum induction, instrument system for determination, 15175
 transportation of magnetized materials
 Federal aviation regulations, change, 14608
- Magnetohydrodynamics, hydromagnetic wave propagation near 1 c/s upper atmosphere, 15211
- Mahlshte, J. P., application of granular herbicides to ornamental plant materials in nurseries, 14103
- Mail matter, transportation by regulated motor carrier, hearing, 14436
- Maine:
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
 county business patterns, 14264
- Maintenance:
 aircraft, maintenance, preventive maintenance, etc., Federal aviation regulations, change, 14600
 combat vehicles, Army Dept., GAO review, 14736
- Malathion, drying trays treated to protect raisins from insects, 14111
- Mamay, Sergius H., *Tinsleva*, new genus of seed-bearing callipterid plants, 14752
- Mammals, aquatic, morphological features, USSR study, 14921
- Man, coordination of motor and vegetative functions during muscular activity, USSR studies, 14824
see also Anthropometry.
- Man-hours, *see* Labor.
- Man-machine system, visual feedback loop, effects of time delay, 15063
- Manifolds, brazing retort design concept may minimize air contamination and enhance uniform gas flow, 15101
- Manned Space Flight Office:
 Apollo program, structural systems and program decisions, 15088
 errata, 15087
- Manners and customs, Negro in the West, social and economic conditions, 14983
- Manpower:
 automation research monograph, 14961
 USSR, trends, etc., 14372
- Manuals, *see* names of departments, etc., issuing manuals—*also* subjects.
- Manufactures and manufacturers:
 annual survey of manufactures, 14249
 census, 1963—
 area statistics, 14250-253
 special reports, 14254-260
 general statistics, 1964, divisions and States, 14249
 manufacturers part and drawing systems, Defense Dept. handbook, 14514
 plants, location by county, industry, and employment size, 1963 census—
 East North Central division, 14256
 East South Central division, 14259
 Middle Atlantic Division, 14255
 New England division, 14254
 Rocky Mountain States, 14260
 South Atlantic division, 14258
 West North Central Division, 14257
see also names of manufactured articles.
- Maps and charts:
 accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
 International Indian Ocean Expedition cruises, track charts, 15232
 lunar charts—
 AIC 60C, Arago, 14180
 AIC 61D, Maskelyne D, 14181
 AIC 79A, Capella, 14182
 LAC 98, Petavius, 14179
 RLC 6, Hypatia, 14186
 RLC 7-9, Sabine, 14186
 RLC 13, Ptolemaeus, 14187
 RLC 14-17, Alphonsus, 14187
- Marek, Czeslawa, *see* Piotrowski, Maria A.
- Marengo County, Ala., land held by B. A. Cogle, adjudicate claim, 14365
- Marine aids, *see* Navigation.
- Marine Corps, materials handling equipment and commercial-design trucks, potential savings through improvement in management, GAO report, 14732
- Marine Corps Reserve, history, 1st 50 years, 14987
- Marine engineering, regulations and material specifications, 14316
- Marketing, *see* Markets and marketing.
- Markets and marketing:
 Africa, market profiles, 14323
 economics research publications, reference list, 14534
 export marketing for small firms, manual, 15323
 facts for marketers, South Atlantic region, standard metropolitan statistical areas, 14246
 marketing and regional development (paper), 14322
 marketing bulletin, 14139
 marketing research reports, 14140-144
see also names or classes of commodities, etc., marketed.
- Marking, Leif L., evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
- Marking, registration, aircraft and related products, Federal aviation regulations, change, 14601
- Mars (planet):
 entry vehicle damper, conceptual design, 15042
- Marxism, *see* Communism.
- Maryland, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Masers, bibliography, 15089
- Maskelyne D, AIC 61D, lunar chart, 14181
- Mass spectrometers, *see* Spectrometers.
- Massachusetts:
 bus taxation proration compact, consent of Congress, report, 14453
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment, size, 14254
 county business patterns, 14265

INDEX

- Masts and rigging, rigging cargo gear, 14965
 Mat de totem des Indiens Haida, Saxman, Etat d'Alaska, 15407
 Materials:
 electronic treatment, USSR study, 14918
 impact- and puncture-resistant material protects parts from damage, 15105
 packaging, flexible, transparent, 15208
 see also Composite materials.
 Materials handling, equipment, potential savings through improvement in management, Marine Corps, GAO report, 14732
 Mateyka, David T., commercial egg-producing farms, New Jersey, 14532
 Mathematicians, examination announcement, 14302
 Mathematics:
 economic-mathematical methods applied to economy, USSR study, 14855
 minimax control of large launch boosters, 15053
 minimax studies, 15054
 root locus diagrams by digital computer, 15059
 Yefimov, Nikolay V., Lenin prize winner, 14881
 see also Calculus—Equations.
 Mather, J. Warren, supply cooperatives, 14589
 Matthews, Earle D., soil survey, Somerset County, Md., 15335
 Matzke, Lourdes S. (Delotavo): relief, 14356
 May, Timothy C., perlite, 15020
 Meanley, Brooke, selected bibliography on red-winged blackbird, life history, etc., 14677
 Measurements, see subject of measurement.
 Meat, Industry organization and competition, 15214
 Mechanical and physical hazards series, 14965
 Mechanics (persons):
 automobile, apprenticeship and training standards, 14201
 certificates, knowledge, experience and skill requirements, Federal aviation regulations, change, 14604
 Medical care, public assistance, vendor payment by type of service, tables, 14587
 Medical certificates, airmen, physical standards, Federal aviation regulations, change, 14605
 Medical Department, Navy, manuals, 14989-990
 Medical facilities, see Hospitals.
 Medical industry (USSR periodical): translation, 14889
 Medical Nutrition Laboratory, see Army Medical Research and Nutrition Laboratory.
 Medical radiology, see Radiology.
 Medical records, fees for abstracts furnished by PHS to private parties, GAO report, 14727
 Medical research, see Medicine.
 Medical schools, scientific activity of practicing physicians in medical higher educational institutes, USSR study, 14793
 Medical supplies, administrative aspects of hospital central medical supply services, 15282
 Medicine:
 aeromedical reviews, 14188-189
 aerospace, all-Union conference, USSR, 14945
 aerospace, bibliography, 15090
 arctic biology and medicine symposia, proceedings, 14185
 aviation medical report AM series, 14243
 bibliographies, medical translations, 15219
 clinical (USSR periodical), translations, 14827
 group practice facilities, financial assistance for constructing and equipping, report, 14388
 Medicine—Continued
 medical rehabilitation, Public Health Service, new program, 15287
 medical research program 1965, Veterans Administration, synopsis, 15413
 preventive medicine manual, 14997
 School of Aerospace Medicine, technical reports, 14190-196
 Space Medicine Advisory Group, orbiting research laboratory, medical aspects, study, 15079
 Medicine men:
 Shoshone tribe, Thermoplis, Wyo., colored poster, with—
 French text, 15410
 Spanish text, 15409
 Mediterranean Sea:
 radio navigational aids, change, 15238
 sailing directions, changes, 15234-235
 Meeves, Henry C., nonpegmatite beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029
 Membranes, biologic, solute and water transport across, 14774
 Mental health:
 career development program, conference proceedings, 15295
 research grant awards, Public Health Service 1965 funds, 15288
 Mental institutions, see Hospitals.
 Mental retardation, conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283
 Mentally ill, psychiatric patients, admittance to general hospital, survey, 15303
 Mentally retarded:
 care and rehabilitation, occupations, 14569
 children, social security benefits, 15329
 vision and hearing screening classes, Detroit, Mich., 14283
 Merchant marine:
 act of 1936, amend—
 hearing, 14431
 report, 14402
 act of 1966, amendments, report, 14457
 maritime matters, NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
 Merchant Marine and Fisheries Committee, House, hearings, 14431-433
 Mercury:
 calibration of rotating piston deadweight gage by means of mercury column, 15025
 nonwetting, condensation pressure drop in uniformly tapered tube in 1-g and zero-gravity environments, errata, 15134
 vapor, in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation of nonwetting, condensing flow, errata, 15133
 Merritt, James H., pharmacology and toxicology of propellant fuels, boron hydrides, 14188
 Messes:
 ashore, Navy manual, change, 15247
 open mess management handbook, AMC pamphlet, 14208
 Metal mines and mining, services, census of mineral industries, 1963, industry statistics, 14261
 Metallurgists, examination announcement, 14302
 Metals:
 friction characteristics of aluminum oxide in contact with various metals in vacuum, 15185
 duplex refractory metal thermionic emitters, diffusion and electron emission properties, 15044
 high-strength, electrical discharge machining, USSR studies, 14832

- Metals—Continued**
 liquid uranium, metal, and carbon systems, vaporization, 15076
 minor, minerals yearbook chapter, 15018
 rolling, USSR technology, 14946
Meteorologists, examination announcement, 14299
Meteorology:
 ESSA 1 television cloud photography, catalogue, 14580
 high-level mesovortex, characteristics, USSR study, 14875
 probable maximum flood on Yukon River above Rampart, Alaska, 15420
 records documentation, 14579-580
 Soviet literature, recent, 14870
 Soviet news, 14871
 TIROS VIII television cloud photography, catalogue, 14579
see also Hydrometeorology.
Meters, see names and types of meters, or substance, etc., measured.
Metropolitan areas, see Cities and towns.
Mexico, Chamizal boundary, construct border highway, report, 14390
Mexico, Gulf of, current measurements with EMIT in Gulf Stream region, USSR study, 14800
 Meyer, Fred P., parasiter of catfishes, 14652
 Meyer, Gerald, regional trends in water-well drilling in United States, 14750
 Michelson, Irving, comparative method for studying costs of air pollution, 15275
Michigan, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
Michigan, Lake, small craft, gale and whole gale warning facilities chart, 15424
Michigan National Bank, branch offices, establishment and operation, hearing, 14475
Micromechanics, composite materials, stresses and failure mechanisms induced by inclusions, 15073
Micropulsations, Pc 1, properties and interpretations, 15211
Microwave filters, composite filter steepens rejection slopes, 15123
Middle Atlantic States, see Atlantic States.
Migrant labor:
 migrant worker programs in rural community action, general information, 14528
 problem in U.S., report, 14468
Migratory birds, see Game and game birds.
Migratory workers, see Migrant labor.
Milan, Italy, U.S. trade center, 14783
Military aid:
 agreement with—
 Japan, 15350
 Paraguay, 15359
 military assistance and sales act of 1966, hearings, 14419
Military assistance, see Military aid.
Military construction, see Installations (military).
Military hospitals, design of Army medical facilities, Army technical manual, change, 14224
Military index, Defense Dept., specifications and standards, 14519
Military missions, agreement with Costa Rica, 15351
Military operations of Civil War, guide-index to official records of Union and Confederate Armies, 1861-65, introduction, 14313
Military supplies:
 Defense Dept.—
 specifications and standards, index, 14519
 standardization documents, supply classification listing, 14517
Military supplies—Continued
 interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
MILSTRIP, military standard requisitioning and issue procedures, change, 14520
Milk:
 and milk products, fabrication of single service containers and closures, sanitation standards guide, 15278
 bulk cooling tanks on farms supplying Federal milk order markets, 14509
 Federal orders, market sources by State and county, 14511
 fluid packaged, sale in Federal milk order markets by size and type of containers, 14507
 pasteurization, equipment testing procedures, 15298
 Milk tanks, *see* Tanks.
 Miller, Ann R., Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures and plans for future work, progress report, 14245
 Miller, Edward F., design equations of swept frequency spectrum analyzers for in-flight vibration analysis, 15196
 Miller, G. Kimball, Jr., visual simulation of lunar orbit establishment using simplified guidance technique, 15154
 Miller, Max J., blade element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
 Miller, William C., boron, 15000
MILSTRIP, military standard requisitioning and issue procedures, 14520
Minerals:
 industries, census, 1963 industry statistics, 14261-262
 industry—
 Alabama, water used in 1962, 15033
 minerals yearbook chapter—
 Albania, 15014
 Iraq, 15015
 Israel, 15016
 Jordan, 15017
 resources, Sycamore Canyon primitive area, Ariz., 14747
Mines and mining, see names of metals and minerals mined.
Mines Bureau:
 information circulars, 15010-12
 report of investigations, 15021-31
Mingo National Wildlife Refuge, general information, 14659
Minimax technique, see Mathematics.
Minimum wages, see Wages.
Ministers of religion, see Clergy.
Minnesota:
 aspen and projected supply, 14703
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
Miscellaneous publications, see names of departments, etc., issuing publications.
Missiles, guided, principles, Navy training text, 15248
Missions, see Military missions.
Mississippi, manufacturing plants, location by county, industry, and employment size, 1963 census, 14259
Mississippi River and Valley, surface water quality, upper basin, 14756
Missouri, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
Missouri River and Valley:
 basin development, Interior Department program, 14755
 surface water quality of basin, 14756
 Mohammedanism, Soviet critique on Islam, 14947
Moisture, content of hardwood pallets, effect on performance, 14714

INDEX

- Moldavian Soviet Socialist Republic, decline of Judaism, 14867
- Molecules, molecular band systems found in air, spectral distribution functions, 15060
- Molybdenum :
cesium with fluorine, desorption kinetics, 15187
minerals yearbook chapter, 15019
- Money :
dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, State Dept., and other Government agencies, GAO report, 14728
monetary policy and allocation of commercial bank credit (remarks), 14637
recent credit and monetary developments, 14638
see also Public funds.
- Mongolia, coal industry, USSR study, 14865
- Monitoring :
cardiovascular, NASA contributions, 15084
solid state detectors monitor relay contacts, 15126
system monitors discrete computer inputs, 15119
- Monkeys, *Macaca mulatta*, postirradiation creatinuria, 14190
- Monographs, *see* names of departments, etc., issuing monographs—*also* subjects.
- Montana :
Indians, general information, 14765
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Montauk Point, N.Y. to Manasquan, N.J., coastal warning facilities chart, 15419
- Montelius, Marjorie, working with groups, guide for administration of group services in public welfare, 14588
- Mook, Paul V., heart rots of balsam fir, 14695
- Moon :
lunar charts—
AIC 60C, Arago, 14180
AIC 61D, Maskelyne D, 14181
AIC 79A, Capella, 14182
LAC 98, Petavius, 14179
RLC 6, Hypatia, 14186
RLC 7-9, Sabine, 14186
RLC 13, Ptolemaeus, 14187
RLC 14-17, Alphonsus, 14187
visual simulation of ability of pilot to establish using simplified guidance technique, 15154
lunar structures as deduced from Muong Nong tektites, 15172
- Moore, Billy J., analyses of natural gas of United States, 15011
- Moore, J. Cordell, remarks, Sept. 8, 1966, 14769
- Morbidity, *see* Diseases of animals.
- Morning, John L., molybdenum, 15019
- Morphology :
aquatic mammals, USSR study, 14921
normal and pathological, Rumanian national conference on problems, 14842
problems, USSR study, 14825
- Mortgage insurance :
FHA home financing for home purchases and home improvements, consumer bulletin, 14629
FHA value costs and maximum amounts, 14630
group medical and dental practice facilities, constructing and equipping, report, 14385
- Mortgages :
farm, lending experience of life insurance companies, 14547
nonfarm, investments of life insurance companies, 1965, 14628
see also Loans.
- Motion pictures :
fire safety films, list, 14741
fishery, for TV, etc., 14655
Public Health Service film catalog, 15299
- Motion sickness :
etiology, management, etc., 14189
pilots and nonpilots, speed of recovery from coriolis stimulation, 14194
- Motor carriers, mail transportation, hearings, 14436
- Motor fuel, *see* Gasoline.
- Motor functions, coordination in man during muscular activity, USSR studies, 14824
- Motor vehicles :
Armed Forces members, transportation at Government expense, amend U.S. Code, hearing, 14409
combat vehicles, maintenance, Army Dept., GAO review, 14736
replacement and procurement program, Post Office Dept., GAO review, 14738
safety standards, establish, report, 14391
Tariff Commission report to Automotive Agreement Adjustment Assistance Board in case pertaining to Fram Corporation, 15387
- Motorbuses, interstate, proration compact, Massachusetts, consent of Congress, report, 14453
- Motortrucks, commercial-design, potential savings through improvement in management, Marine Corps, GAO report, 14732
- Moulds, Donald E., antimony, 14999
- Mount Edgecumbe, Alaska, charges for Government-owned quarters, by Public Health Service, GAO review, 14735
- Mount Vernon Memorial Highway, *see* George Washington Memorial Parkway.
- Mountain States, *see* Rocky Mountain States.
- Mourning doves, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Moving, *see* Transportation.
- Mucaca mulatta*, *see* Monkeys.
- Muong Nong tektites, *see* Tektites.
- Murphy, Robert T., remarks, Sept. 20, 1966, 14286
- Muscles :
coordination of motor and vegetative functions in man during muscular activity, USSR studies, 14824
somatic fibers, spread of injury in, USSR study, 14932
- Muskegon, Mich., area wage survey, metropolitan area, 14972
- Muskegon Heights, Mich., area wage survey, metropolitan area, 14972
- Mutual assistance, *see* Military aid.
- Mutual defense, *see* Military aid.

N

- N.A.S.A., *see* National Aeronautics and Space Administration.
- N.A.T.O., *see* North Atlantic Treaty Organization.
- N.B.S., *see* National Bureau of Standards.
- N.R.A.B., *see* National Railroad Adjustment Board.
- N.R.L., *see* Naval Research Laboratory.
- Nace, Raymond L., remarks, Aug. 25, 1966, 14753
- Nagel, A. L., hypersonic pressure and heat transfer tests on delta wings, 15047
- Narcotics, traffic, 15035
- NASA, *see* National Aeronautics and Space Administration.
- NASA EP series, 15078
- NASA SP series, 15079-91
- NASA tech briefs, 15092-129
index, 15083

- National Aeronautics and Space Administration:
 contractor reports CR (series), 15037-77
 contributions to cardiovascular monitoring, 15084
 EP series, 15078
 SP series, 15079-91
 tech briefs, 15092-129
 index, 15083
 technical memorandum, 15130
 technical notes, 15131-201
 technical report, 15202
 technical translation, 15203
 National Agricultural Library, library list (series), 15204-205
 National Bureau of Standards:
 monographs, 15206-207
 research and development, review of Government reports, 15208
 technical notes, 15209-211
 National Cancer Institute, monograph, 15289
 National Capital, *see* Capital of United States.
 National Capital Regional Planning Council:
 abolish, hearing, 14425
 regional development guide, 15213
 National Commission on Food Marketing,
 technical study series, 15215-218
 National Data Center, establish, proposal, hearings, 14422
 National defense:
 agreement with Paraguay, 15359
 airline strike impact on defense posture, hearing, 14411
 reduced defense spending, community adjustment, 14207
 United States policies in 1965, 14380
see also Civilian defense.
 National forests, timber sale accomplishments, 14697
 National health survey, vital and health statistics, 15306-310
 National Institute of Mental Health, student research stipend program in social work, survey, 15290
 National Institutes of Health:
 almanac, 15291
 career in administration, 15273
 research profile, 15301
 National Labor Relations Board, appropriations, 1967, hearings, 14472
 National Mediation Board, appropriations, 1967, hearings, 14472
 National Motor Vehicle Safety Advisory Council, create, report, 14391
 National Oceanographic Data Center, publications, 15231-232
 National Railroad Adjustment Board, awards, 15226-228
 National Science Foundation, current research and development in scientific documentation, bibliography, 15320
 National security:
 management review, 14786
 security violations don't just happen, they are caused! poster, 14523
 National Security Seminar, 1966-67 presentation outlines and reading list, 14787
 National service life insurance, *see* Life insurance.
 National Severe Storms Laboratory report (series), 15421
 National Teacher Corps, guidelines, 14555
 National Traffic Safety Agency, establish, report, 14391
 National union catalog, Library of Congress, register of additional locations, 14986
 National Water Commission, establish, report, 14392
 Nationality, immigration and nationality act, amend, hearings, 14430, 14496
 NATO, *see* North Atlantic Treaty Organization.
 Natural gas, *see* Gas.
 Natural resources:
 conservation, teaching in elementary schools, outline, 14147
 new concept of soil and water conservation movement (address), 14123
 resource bulletins, 14717-720
 resource publication (series), 14674
 Naval Academy, Annapolis, John Paul Jones, commemoration at Annapolis, Apr. 24, 1906, 15240
 Naval aviation, *see* Aeronautics.
 Naval education, Navy training courses, 15241-243
 Naval Oceanographic Office:
 publications series, 15233-239
 report, 15230
 special publication SP series, 15239
 Naval Research Laboratory, report series, 15252
 Naval Submarine Medical Center, reports, 14991-996
 Naval Training Device Center, Port Washington, technical reports, 15250-251
 Naval vessels, *see* Ships.
 Navigation:
 aids, Coast Guard list, Pacific Coast and Pacific Islands, 14315
 radio aids, Atlantic and Mediterranean area, change, 15238
 Navigator (interplanetary) missions, electric propulsion study, 15066
 NAVTRADEVEN, *see* Naval Training Device Center, Port Washington.
 Navy:
 dental administration, manual, change, 15245
 messes, ashore, manual, changes, 15247
 Navy training courses, *see* Naval education.
 NBS, *see* National Bureau of Standards.
 Near-drowning, pathophysiology and treatment, 14996
 Near East, *see* East (Near East).
 Nebraska, manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 Nectarines, production, use, value, 1964-65 by States, 15379
 Negroes:
 children, quest for equality, story of how 6 institutions opened their doors, 14282
 in the West—
 consumers, 14983
 social and economic conditions, 14983
 White House Conference, To Fulfill These Rights, report, 15429
 Neighborhood Youth Corps, amendments to economic opportunity act, hearings, 14498
 Nelson, Howard D., malathion-treated drying trays to protect raisins from insects, 14111
 Nepheline syenite, minerals yearbook chapter, 15005
 Nervous system, central, electromagnetic and magnetic fields, influence, USSR study, 14823
 Netterstrom, Ralph W., rigging cargo gear, 14965
 Neuromuscular disorders, progress in research, summary, 15301
 Nevada:
 Cortez district, gold geochemical anomaly, 14751
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 New Crop Research Branch, plant material introduced, 14115
 New England, manufacturing plants, location by county, industry, and employment size, 1963 census, 14254
 New Hampshire, manufacturing plants, location by county, industry, and employment size, 1963 census, 14254

INDEX

- New Jersey:
commercial egg-producing farms, 1965, costs and returns, 14532
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
- New London, Conn., reduced defense spending, potential impact, 14207
- New Mexico:
Diamond Creek, Gila trout, ecology, 14679
Indians, general information, 14766
manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
nonpegmatitic beryllium occurrences, 15029
- New Orleans, Battle of, commemorating, Chalmette National Historic Park, 15220
- New York City, area wage survey, metropolitan area, 14977
- New York State:
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
small business procurement, hearings, 14506
- Newcomer, S. J., insect pests of deciduous fruits in West, 14130
- Newfoundland, oceanography of Grand Banks region, 14317
- Newman, Perry A., direct calculation of specific heats, etc., of arbitrary gas mixtures, 15158
- Newport News, Va., area wage survey, metropolitan area, 14974
- News for farmer cooperatives, reprints, 14595
- Nichols, Vernon M., relief, 14364
- Niobium, columbium-modified NASA TAZ-8 superalloy, investigation, 15188
- Nitrogen:
arc-heated streams, effect of discontinuities on laminar heat transfer, 15198
boiling, visual study of velocity and buoyancy effects, 15138
solid, formed by cryopumping, 15058
- Nitrosalicylanilides and related compounds, relation of chemical structure to fish toxicity, 14674
- Nominations, *see* names of persons.
- Nonappropriated funds, AMC pamphlet, 14208
- Non-glassy inorganic fibers and composites, 15086
- Nonlinear theories, synthesis of nonlinear control laws, USSR study, cancellation, 14790
- Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029
- Norfolk, Va., area wage survey, metropolitan area, 14974
- North America:
east coast, lights and fog signals, list, change, 15237
geology, bibliography, 14748
- North Atlantic Treaty Organization:
crisis in NATO, report, 14418
Yugoslav analysis in relation to Warsaw Pact, 14812
- North Carolina, manufacturing plants, location by county, industry, and employment size, 1963 census, 14258
- North Cascades National Park, establish, hearings, 14488
- North central region, *see* Central States.
- North Dakota:
central, performance of 7 seed sources of blue spruce, 14704
Indians, general information, 14763
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Northwest (U.S.):
commercial wheat farms, 1965 costs and returns, 14530
Indians, general information, 14767
water resources, annual peak discharge at selected gaging stations, 1965-66, 14745
- Northwest Shellfish Sanitation Research Planning Conference, 1965 proceedings, 15276
- Norway, air transport services, agreement, 15365
- Norwich, Conn., reduced defense spending, potential impact, 14207
- Nose (aircraft):
stagnation and static pressures on nose-mounted 15° conical probe, 15155
- Nozzles:
conical, analysis of supersonic flow phenomena by method of characteristics, 15164
rockets, large area ratio, performance of Apollo storable propellants, 15173
- NPS national prisoner statistics series, 15263
- NRAB, *see* National Railroad Adjustment Board.
- NRL, *see* Naval Research Laboratory.
- NSLI, *see* Life Insurance.
- Nuclear physics, nuclear installation at Rumanian Atomic Physics Institute, 14841
- Nuclear powered ships:
NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
personnel, ionizing radiation effects on eyes, 14991
- Nuclear science, series, 14236
- Nuclear weapons, *see* Weapons.
- Nurseries (horticulture):
application of granular herbicides to ornamental plant materials, 14103
- Nursing homes, employees in nursing and personal care homes, 1964 statistics, 15310
- Nutrition, requirements for survival in cold and at altitude, symposia, proceedings, 14185
- Nutrition Laboratory, *see* Army Medical Research and Nutrition Laboratory.
- Nutrition of plants, *see* Plants.
- O
- O.A.S.I. series, 15327-330
- O.C.S., *see* Officer candidate schools, Army.
- O-rings, *see* Rings.
- Oak Glen, training camp for unemployed youth, 14961
- OASI series, 15327-330
- Obitaries, Konovalov, Nikolay V., 14809
- OB series, 14323-327
- O'Brien, Lawrence F., address, Aug. 29, 1966, 15258
- Occupational Classification, Interagency Committee on, *see* Interagency Committee on Occupational Classification.
- Occupations:
care and rehabilitation of mentally retarded, 14569
career opportunities—
health services, job development and training for workers, 14759
veterinarians, Agriculture Department, 14145
factors in job-satisfaction, 14191
mental health career development program, conference proceedings, 15295
- Ocean:
CHENIS container for lowering liquid dye to any sea depths, USSR study, 14799
discriminatory freight rates, and balance of payments—
hearings, 14369
report, 14370
freight rates on military cargoes, by U.S. flag vessels reduced, hearings, 14478

- Ocean—Continued
 homogeneous, steady-state wind circulation, USSR study, 14843
 light measurements in study of primary production in sea, USSR study, 14798
 pollution by oil, international convention for prevention, amendments, implementing, report, 14464
see also Arctic Ocean.
- Ocean cruises, *see* Cruises.
- Oceania, agricultural situation, midyear review, 14546
- Oceanography:
 cable length determinations for deep-sea oceanographic operations, 14314
 Grand Banks region of Newfoundland, 14317
 Indian Ocean, international expedition cruises, track charts, 15232
 National Oceanographic Data Center publications, 15231-232
 oceanographic report, 14317
 oceanographic terms, glossary, 15239
 sea grant college and program act, hearing, 14431
 underwater research, recent developments, USSR study, 14909
- OCS, *see* Officer candidate schools, Army.
- O'Donnell, Patricia M., kinetics of fluorination of iron, 15180
- Odontoceti, *see* Cetacea.
- Odors, community surveys and evaluation (paper), 15274
- Officer candidate schools, Army, become a leader, apply for OCS, 14219
- Officers, *see* Armed Forces—*also* names of services to which officers belong.
- Official records of Union and Confederate Armies, 1861-65, guide-index, introduction, 14313
- Ogives, cylinder, pressure distributions due to 2-dimensional fabrication-type surface roughness at transonic speeds, 15148
- Ohio, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- Oil, *see* Petroleum.
- O'Keefe, J. A., lunar structures as deduced from Muong Nong tektites, 15172
- Oklahoma, Osage pasture report, 15375
- Old-age and survivors insurance, OASI series, 15327-330
- Old-age, survivors, and disability insurance farmers and farm workers under, 15332
- Older persons, *see* Aged.
- Olsen, L. P., Genetics Workshop of Society of American Foresters, etc., 14716
- Olympic National Park, revise boundaries, hearings, 14488
- Ontario, Lake, small craft gale and whole gale warning facilities chart, 15423
- Operation SAM, systems analysis module for development of comprehensive Indian health program, 15292
- Ophthalmoscopy, *see* Television ophthalmoscopy.
- Opinions, *see* names of courts, etc., rendering opinions.
- Opium, traffic, 15035
- Optical pyrometers, *see* Pyrometers.
- Optimal control:
 minimax control of large launch boosters, 15053
 minimax studies, 15054
- Optimal processes, weight optimization of straight finned radiators, design procedure, 15143
- Optometry, group practice facilities, financial assistance for constructing and equipping, report, 14388
- Orbits:
 circular and elliptic, finite-thrust escape from and capture into, 15194
 lunar, visual simulation of ability of pilot to establish, using simplified guidance technique, 15154
- Orbits—Continued
 orbiting radiotelescope, large, preliminary design studies, 15070
 spacecraft, determination with respect to object in known circular orbit, 15150
 Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, computational procedure, 15170
- Orcutt, John C., vapor reheat liquid-liquid heat exchange process, 14772
- Oregon:
 seed yields of perennial grasses, effect of diuron, 14163
 western, phormium, anatomical and agronomic studies, 14150
- Ores, miscellaneous metal, census of mineral industries, 1963, industry statistics, 14261
see also names of metals or minerals.
- Organization of Congress, Special Committee on, Senate, establish, hearing, 14504
- Organophosphorous compounds, antidotes used for intoxications, Rumanian study, 14844
- Osteen, Fred M., relief, 14343
- Osteoarthritis, prevalence in adults by age, etc., 15307
- Otitis media, aerotitis media in submarine recruits, 14992
- OTR series, 15208
- Outdoor recreation, *see* Recreation.
- Outer space:
 activities in science teaching related to, 15036
 astronomy, 1958-64, significant achievements, 15080
 orbiting research laboratory, medical aspects, Space Medicine Advisory Group study, 15079
 USSR program, developments, 14885
- Output, *see* Production.
- Overlearning, *see* Learning.
- Overruns (logs):
 southern yellow pine, 14708
- Overseas business reports, 14323-327
- Overstreet, John M., ESSA world, 14578
- Ownership, *see* Property.
- Oxines, spasmolytic action, Rumanian study, 14813
- Oxygen:
 alkane-oxygen mixtures, detonation initiation, 15031
 determination in potassium, accuracy of methods, 15135
 flight type partial pressure sensor, 15046
 liquid, composite gaskets compatible, 15125
- Oyster Bay, coastal wetlands, protect, etc., hearings, 14432

P

- P.A. reports, 14583-584
- P.R.L., *see* Personnel Research Laboratory.
- PA series, 14147-149
- Pacific area, southwest, MacArthur's campaigns in the Pacific, 14220
- Pacific Coast, light list, 14315
- Pacific Islands, light list, 14315
- Pacific Northwest, *see* Northwest (U.S.).
- Packaging, materials, flexible, transparent, 15208
- Packers, *see* Packing industry.
- Packing industry, packers and stockyards act, what it is, how it operates, 14148
- Painters, automobile, apprenticeship and training standards, 14201
- Paintings, Army history in Executive Corridor, Pentagon, 14213
- Pakistan, agricultural commodities, agreement, 15358
- Paleontology, contributions to paleontology (series), 14752
- Pallets (materials handling):
 hardwood, performance, effect of initial moisture content on, 14714

INDEX

- Pamphlets, *see* names of departments, etc., issuing pamphlets.
- Panama Canal:
- Isthmian Canal, policy questions, Canal Zone, Panama Canal sovereignty, modernization, new canal, compilations of addresses, print additional copies, report, 14462
 - vessel tonnage measurement, customs regulations, 15113
- Panels (aircraft):
- flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, 15050
- Panels and paneling:
- legibility of electroluminescent instrument panels, 15095
 - sandwich panels, vibrational characteristics in reduced-pressure environment, 15163
- Paper, bamboo, papermaking characteristics, 14164
- Paraboloids, thermal distortions of thin-walled paraboloidal shells, 15161
- Parachutes, lofts, Federal aviation regulations, 14615
- Paraffins, alkane-oxygen mixtures, detonation initiation, 15031
- Paraguay, military assistance, agreement, 15359
- Paralichthys dentatus, *see* Flounders.
- Parallel line raster eliminates ambiguities in reading timing of pulses, etc., 15116
- Parameters:
- electrical, of precision, coaxial, air-dielectric transmission lines, errata, 15207
 - flight, and vehicle performance for Project Fire flight II, 15176
 - system performance, human transfer functions used to predict, 15109
- Parasites, freshwater fishes, 14652
- Parawings, *see* Wings (aircraft).
- Parcel post, *see* Postage.
- Parents, of mentally retarded child, social security, what it means, 15329
- Paret, Peter, innovation and reform in warfare, 14166
- Parker, John G., zirconium and hafnium, 15034
- Parker, R. E., cherry firmness and its relationship to pitter loss, 14105
- Parolees, under supervision of Federal probation system, 14098
- Particles, atmospheric, settling rate, USSR study, 14911
- Passenger vessels, *see* Ships.
- Passey, George E., perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts, 14184
- Passports, application requirements, care, etc., 15339
- Pasteurization, milk, equipment testing procedures, 15298
- Pasture lands, Kansas and Oklahoma, blue-stem and Osage pasture, report, 15375
- Patent Office and technological progress (address), 15256
- Patents:
- basic facts, information aid for inventors 15257
 - Colombia, protection, laws, etc., 14326
 - documentation and dissemination problems (address), 15256
 - see also* Inventions.
- Pathologist, forest and forest products, examination announcement, 14307
- Patients, surgical bill paid by insurance, proportion, 15306
- Paull, Stephen, low power nanosecond pulse and logic circuits using tunnel diodes, 15168
- Payroll savings, *see* Savings bonds.
- PCM (pulse code modulation) telemetry, *see* Telemetry.
- Peace:
- food for peace—
 - act of 1966, report, 14467
 - activities under Public law 480, 14383
- Peace Corps, act, amend, Ramseyer rule print, 14420
- Peaches, production, use, value, 1964-65 by States, 15379
- Pearcy, G. Etzel, geographic aspects of struggle in Vietnam, 15340
- Pears, production, use, value, 1964-65 by States, 15379
- Peas, canned, shopper's guide, 14149
- Pennsylvania, manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
- Pensions:
- private plans—
 - benefits, 14978
 - hearings, 14373
 - trusts, tax exemption, procedures and qualification under Internal revenue code, 14779
 - welfare and pension plans disclosure act regulations and interpretative bulletins, 14963
 - see also* Civil service pensions.
- Pentagon Building, Army history, painting exhibit in Executive Corridor, 14213
- Perception, visual detection of point source targets, 15065
- Perceptron, synthesis and application, USSR studies, 14916
- Perceptual-motor performance, *see* Ability.
- Perennials:
- flowering, growing, 14138
 - grasses, effect of diuron on seed yields, 14163
- Performance study of DEWline ice cap stations, Greenland, 14211
- Perlite, minerals yearbook chapter, 15020
- Permeability, two- and 3-phase relative studies, 15027
- Permian period, new genus of seed-bearing callipterid plants from Permian of north-central Texas, 14752
- Permits, *see* classes of persons to whom, or subjects for which, permits are issued.
- Persimmons, production, use, value, 1964-65 by States, 15379
- Personal property:
- dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, State Dept., and other Government agencies, GAO report, 14728
 - surplus, classes sold by Defense Dept., 14515
- Personnel management, *see* Administrative management.
- Personnel Research Laboratory:
- research reports, abstracts, 14183
 - technical reports, 14183-184
- Persons under supervision of Federal probation system, 14098
- Pesticides, cleanup and confirmation of identity of pesticide residues by thin layer chromatography, 14113
- Pests, forest pest leaflets, 14694-696
- Petavius, LAC 98, lunar chart, 14179
- Peters, I. G., postirradiation creatinuria in Macaca mulatta primates, 14190
- Petkof, Benjamin:
- diatomite, 15003
 - gem stones, 15007
- Petroleum:
- industry—
 - injury experience, 15004
 - technology, Lewis Research Center, Conference, report, 15085
- International Convention for Prevention of Pollution of Sea by Oil, amendments, implementing, report, 14464

Petroleum—Continued

- Near East, western oil interests, USSR view, 14926
 statistical information system vital for further development of industry (remarks), 14769
 Petty, C. M., study of perturbed periodic systems of differential equations, stroboscopic method, 15074
 Pfeffer, Robert, analysis and correlation of heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192
 PFM (pulse frequency modulation) telemetry, *see* Telemetry.
 Pharmacology, propellant fuels, boron hydrides, 14188
 Phase analysis of cardiac activity, USSR, 14953
 Philippines, National service life insurance funds, peso payments, hearings, 14443
 Phillips, Charles W., job development and training workers in health services, 14759
 Phormium, western Oregon, anatomical and agronomic studies, 14150
 Phosphorus, organic compounds, inhibited reactivation of cholinesterase, role of metallic complexes in reactivation USSR study, 14943
 Photo interpretation, *see* Photographic interpretation (military science).
 Photographic interpretation (military science):
 team procedures in image interpretation, 14234
 Photographic paper, domestic, for printing documents and texts, USSR study, 14948
 Photography, photographically produce small dot patterns of known geometry on surface to be subjected to adhesive bonding tests, *see also* Aerial photography.
 Photometry, flame, determination of cesium and rubidium, 15023
 PHS, *see* Public Health Service.
 Physical fitness, airmen, medical certificates, Federal aviation regulations, change, 14605
 Physicians, practicing, in medical higher educational institutes, scientific activity, USSR study, 14793
 Physicists, examination announcement, 14302
 Physics, combustion and explosion, USSR research, 14958
 see also Plasma.
 Physiology:
 electrophysiological investigations of retina, USSR study, 14887
 learning and overlearning correlates, 15251
 physiological methods in cosmonautics, USSR study, 14821
 race car drivers, observations, 15068
 Piao Lin, *see* Lin Piao.
 Pickles, standards for grades, 14512
 Pictures, *see* Paintings.
 Pigeons, wild, and white-winged doves, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations, governing, 14673
 Pigs, *see* Swine.
 Pike, Clarence E., Far East and Oceania agricultural situation, 14546
 Pilots and pilotage, *see* Astronauts—Aviators.
 Pine, southern yellow, log overruns, 14708
 Piotrowski, Maria A., relief, 14351
 Piston gages, rotating deadweight, calibration by means of mercury column, 15025
 Pitch (aircraft):
 pitch-up on supersonic transport model with high-aspect-ratio variable-sweep wing, 15160

Planets:

- atmospheres, continuing bibliography, 15091
 interplanetary missions, finite-thrust escape from and capture into circular and elliptic orbits, 15194
 navigator study of electric propulsion for unmanned scientific missions, 15066
 Plankton, general information, 14653
 Planning (economics), *see* Economic policy—Families.
 Plants:
 agricultural, scientific cultivation, Rumanian study, 14917
 inventory, material received by New Crops Research Branch, 14115
 ornamental plant materials in nurseries, application of granular herbicides, 14103
 primary plant nutrients, consumption in United States, 1850-1964, by States 1945-64, 14161
 quarantine import requirements of England, Scotland, and Wales, 14116
 Plants (industrial):
 alfalfa dehydrating plants, feasibility of establishing in Northwest resource conservation, etc., 14542
 location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982
 manufacturing plants, location by county, industry, and employment size, 1963 census:
 East North Central division, 14256
 East South Central division, 14259
 Middle Atlantic division, 14225
 New England division, 14254
 Rocky Mountain States, 14260
 South Atlantic division, 14258
 West North Central division, 14257
 see also types of industrial plants.
 Plasma:
 Apollo sheath, estimates of nonequilibrium ionization phenomenon, 15077
 argon and argon-hydrogen, reaction of coal, 15030
 superconducting magnetic bottle for plasma physics experiments, 15186
 Plasma (blood), *see* Blood.
 PLASTEC reports, 14521-522
 Plasticity, soils, plane deformation, 14210
 Plastics:
 fiber reinforced thermoplastics, applications, etc., 14521
 PLASTEC reports, 14521-522
 Plastics Technical Evaluation Center, PLASTEC reports, 14521-522
 Plates:
 blunt-leading-edge, roughness effects on boundary-layer transition, 15149
 flat, with flap and delta wing, etc., hypersonic pressure and heat transfer tests, 15048
 rectangular, with linearly varying in-plane and axial load, eigenvalue problem, 15056
 Plowshare program (civil, industrial, and scientific uses for nuclear explosives):
 Project Pre-Schooner II, 14237
 report, 14239
 Plum Brook reactor, *see* Reactors (atomic).
 Plums, production, use, value, 1964-65 by States, 15379
 Pneumatic binary encoder replaces multiple solenoid system, 15104
 Pneumatic separators, gives quick release to heavy loads, 15093
 Poddar, Dinesh K., relief, 14339

INDEX

Public Health Service—Continued
 medical records, fees for abstracts furnished to private parties, GAO report, 14727
 medical rehabilitation, new program, 15287
 regions, interstate carrier water supplies, inventory, 15285
 Public law 480, *see* Agricultural trade development and assistance act of 1954.
 Public property, Federal property and administrative services act of 1949, amend, hearing, 14482
see also Surplus property.
 Public Roads Bureau, labor compliance manual, direct Federal and Federal-aid construction, amdt., 15315
 Public Roads Committee, House, committee print, 14441
 Public welfare:
 group services, working with groups, guide for administration, 14588
 programs, progress report on staff development, 1965 fiscal year, HEW, 14585
 Public works:
 appropriations, 1967, hearings, 14408
 Engineers Corps, civil works activities, report 1965—
 departmental edition, 14570
 document edition, 14379
 public works and economic development act, amend to broaden coverage, hearings, 14438
 Public Works Committee, House:
 hearings, 14437-440
 report, 14390
 Public Works Committee, Senate, hearing, 14503
 Publications, *see* Government publications—
 also names of departments, etc., issuing publications—*also* subjects.
 Pulp wood, *see* Wood pulp.
 Pulse-height analyzers, single channel, operates in subnanosecond range, 15107
 Pulses:
 low power nanosecond pulse and logic circuits using tunnel diodes, 15168
 timing, use of parallel line raster to eliminate ambiguities, 15116
 Pumping, *see* Cryopumping.
 Pumps, titanium sublimation, produces ultrahigh vacuum, 15118
 Purchasing:
 consumer buying indicators, series, 14278
 economic order quantity, principle and applications, 14740
 Puri, Yesh P., anatomical and agronomic studies of phormium in western Oregon, 14150
 Pursuit of happiness, 14966
 Pyrometers, optical and ratio, surface temperature measurement, practical aspects, 15193

Q

QA-IND series, 15117
 Quarantine, *see* subjects.
 Quarters, *see* Barracks and quarters.
 Quest for equality, story of how 6 institutions opened their doors to serve Negro children and their families, 14282
 Questions and answers, QA-IND series, 15117
 Quinlan, James K., evaluation in Illinois of 4 inert dusts on stored shelled corn for protection against insects, progress report, 14108

R

R.E.A., *see* Rural Electrification Administration.
 Race car drivers, physiologic observations, 15068
 Race problems:
 equality of educational opportunity, report of survey, 14551
 correlation tables, 14552

Race problems—Continued
 prohibit discrimination in housing, education, etc., hearings, 14493
 quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282
 White House Conference, To Fulfill These Rights, report, 15429
 Radar tracking, VHR, range residuals, 15169
 Radiant energy, radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 Radiation:
 air radiation tables, spectral distribution functions for molecular band systems, 15060
 chimera and transplant immunity, USSR study, 14920
 postirradiation creatinuria in *Macaca mulatta* primates, 14190
 radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 soil and sediment analysis, sample preparation, 15277
 transistor design effects on resistance, 15075
 see also Ionizing radiation—Radio waves.
 Radiation biology, *see* Radiobiology.
 Radiators (aircraft):
 space radiator panels utilizing shared fins, heat-rejection characteristics, 15189
 straight finned, weight optimization, design procedure, 15143
 Radio:
 USSR all-Union scientific session devoted to radio day, section on—
 electronics, 14831
 general radio engineering, 14942
 propagation of radio waves, 14829
 quantum electronics, 14838
 radio broadcasting, electroacoustics and sound recording, 14937
 radio measurements, 14938
 radio receivers and amplifiers, 14941
 radio transmitters, 14940
 semiconductor devices, 14828
 telemechanics, 14816
 television, 14939
 theory and techniques of transmitting discrete signals, 14830
 wire communications, 14936
 Radio broadcasting, *see* Radio stations.
 Radio communication:
 experimental services, FCC rules and regulations, 14619
 industrial, scientific, and medical equipment, FCC rules and regulations, 14619
 treaty matters, FCC rules and regulations, 14619
 Radio engineering, general, USSR all-Union scientific session devoted to radio day, 14942
 Radio equipment, *see* Radio communications.
 Radio frequencies:
 allocations, FCC rules and regulations, 14619
 devices, FCC rules and regulations, 14619
 Radio frequency modulation, broadcasting stations of world, 14688
 Radio in navigation, aids, Atlantic and Mediterranean area, change, 15238
 Radio measurements, USSR all-Union scientific session devoted to radio day, 14938
 Radio operators:
 amateur, alien, agreements authorizing operation in U.S. and—
 India, 15373
 Israel, agreement, 15366
 Radio receivers, *see* Receivers (radio).
 Radio stations:
 amateur, alien, agreements authorizing operation in U.S. and—
 India, 15373
 Israel, 15366

- Radio stations—Continued
broadcasting stations of world—
amplitude modulation—
indexed by country and city, 14686
indexed by frequency, 14687
frequency modulation, indexed by country, city, frequency, 14688
television, indexed by country, city, frequency, 14689
- Radio telescopes, orbiting, large, preliminary design studies, 15070
- Radio transmitters, *see* Transmitters.
- Radio waves:
attenuation of radio waves from artificial earth satellites in above-surface trajectories, USSR study, 14890
propagation, USSR all-Union scientific session devoted to radio day, 14829
- Radioactivity:
fallout shelters—
analysts, national directory, 14289
creation through slanting and cost reduction techniques, 14291
professional development services in planning, etc., new buildings, 14290
processing of counting data, 14236
soil and sediment analysis, sample preparation by ultrasonic dispersion, 15277
upper atmosphere, sampling, agreement with Australia, 15362
- Radiobiology, intraspecies biologic and behavioral variability, 14193
- Radiochemistry:
radiochemical water analysis in reactor, chromatographic separation, USSR study, 14852
techniques, processing of counting data, 14236
- Radiological health, *see* Health.
- Radiology, medical, Soviet research, 14931
- Radiotelescopes, *see* Radio telescopes.
- Railroad accidents, investigation reports, 14785
- Railroad Adjustment Board, *see* National Railroad Adjustment Board.
- Railroad Retirement Board, appropriations, 1967, hearings, 14472
- Railroads:
carload unit costs by territories, 14784
maintenance of railroad way and structures, Army technical manual, 14230
USSR operations, improvement, suggestions and proposals, 14819
- Rails (birds):
hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Railways, *see* Railroads.
- Rain, traps, water for livestock, 14133
- Rains, Norman M., relief, 14342
- Raisins, malathion-treated drying trays to protect from insects, 14111
- Rampart, Alaska, probable maximum flood on Yukon River, meteorological conditions, 15420
- Ramseyer rule print of proposed amendments to Peace Corps act, 14420
- Ranches, western livestock, 1965, costs and returns, 14529
- Randall, K. A., address, July 27, 1966, 14623
- Range residuals in VHF radar tracking, 15169
- Rasters, parallel line, use to eliminate ambiguities in reading timing of pulses, etc., 15116
- Rates, *see* Freight rates.
- Ratio pyrometers, *see* Pyrometers.
- Rations, Army, pamphlet, 14214
- REA, *see* Rural Electrification Administration.
- Reaction interface speed as reducibility index for iron ore, 15028
- Reaction wheels, use for satellite scanning small celestial area, 15184
- Reactors (atomic):
chromatographic separation for radiochemical water analysis, USSR study, 14852
Plum Brook reactor, heat transfer analysis, 15165
X-10, landmark of nuclear age (remarks), 14242
zero power, ZPR-II, critical mass studies, 15167
- Reagan, John F., jr., relief, 14360
- Real estate, living units, minimum property standards, interim revision, 14632
see also Farms.
- Reapportionment, Virgin Islands, legislature, amend organic act, report, 14394
- Receivers (radio):
USSR all-Union scientific session devoted to radio day, 14941
- Recipes, fish recipes, 14656
- Reclamation of land:
amend small projects act of 1956, report, 14400
Federal projects, 1965 crop report, statistical appendix, 15317
Reclamation projects, *see* Reclamation of land—*also* names of projects.
- Record book, *see* Records.
- Records:
documents and texts, domestic photographic papers for printing, USSR study, 14948
Education Office handbook, standard filing system, 14557
see also subjects.
- Recreation:
expanding America's outdoor estate, 15255
facilities and services operated by FHA borrowers, 14541
Federal efforts to expand and develop opportunities by shifting cropland (remarks), 14152
opportunities in Washington State, study team report, hearings, print additional copies, report, 14399
outdoor—
grants-in-aid manual, 15253
policy evolution (remarks), 15254
- Rectifiers, feedback loop compensates for nonlinearity, 15112
- Red Rock Lakes National Wildlife Refuge, general information, 14672
- Red-winged blackbirds, *see* Blackbirds.
- Redevelopment (city planning, etc.):
housing and urban development act of 1966, report, 14388
National Capital, 1966-2000, regional development guide, 15213
public works and economic development act, broaden coverage, hearings, 14438
urban planning assistance program, project directory, 14761
urban renewal, project characteristics, 15412
- Redlinger, L. M., evaluation of 4 inert dusts for protection of shelled corn in Georgia from insect attack, 14109
- Redwood National Park, establish, hearings, 14490
- Reed, Louis S., independent health insurance plans, 15331
- Reed, Sherwood C.:
performance study of DEWline ice cap stations, Greenland, 14211
spread footing foundations on snow, 14212
- Reels, expandable takenup, facilitates paper tape removal, 15129
- Reentry into atmosphere, *see* Atmospheric entry.
- Refraction, *see* Atmospheric refraction.
- Refractory metals, *see* Metals.

INDEX

Refugees :

- Cuban, adjustment of status, hearings, 14430
- Cuban, problem, hearings, 14494
- Vietnam, India, and Hong Kong, problems, report, 14389
- Refuges, *see* names of refugees.
- Regan, Danny M., ecology of Gila trout in main Diamond Creek in New Mexico, 14679
- Registration, *see* subjects.
- Regulations, *see* names of departments, etc., issuing regulations—*also* subjects.
- Regulations and interpretative bulletins, 14962
- Regulatory announcement, Fish and Wildlife Service, 14673
- Rehabilitation of the disabled :
 - alcoholism and vocational rehabilitation, proceedings of workshop, 15415
 - facilities on college campuses, 14556
 - medical rehabilitation, Public Health Service, new program, 15287
- Reilly, Harry J., heat-transfer analysis of Plum Brook reactor, 15165
- Reinforced plastics, *see* Plastics.
- Relief work, disaster relief work of 1965, hearings, 14437
- Religious activities, Kurdish people of USSR, translation, 14801
- Renal diseases, *see* Kidneys.
- Renegotiation, *see* Government contracts.
- Renegotiation Board :
 - rulings, 15318
 - rulings and bulletins, index, 15318
- Reorganization of Government activities, *see* Government reorganization plans.
- Repair stations, *see* Aircraft repair stations.
- Reports, *see* names of departments, etc., issuing reports—*also* subjects.
- Republican Policy Committee, Senate, staff study, 14451
- Requisitions, MILSTRIP, military standard requisitioning and issue procedures, change, 14520
- Research :
 - research profile, 15301
 - review of selected Government research and development reports, 15208
 - see also* Scientific research—*also* names of departments, etc., doing research—*also* subjects.
- Research and development reports, Atomic Energy Commission, 14236-237
- Research and statistics notes, 15331
- Research laboratories, orbiting, medical aspects, Space Medicine Advisory Group study, 15079
- see also* names of laboratories or places where located.
- Research notes, Forest Service, 14699-711
- Research papers, Forest Service, 14712-716
- Research reports, Cold Regions Research and Engineering Laboratory, 14210
- Residential construction, *see* Building.
- Resins, initiation of failure mechanisms in glass-resin composites, 15039
- Resolutions, *see* Senate bills.
- Resource bulletins, Forest Service, 14717-720
- Resource publication (series), 14674
- Resources, *see* Natural resources.
- Restivo, Giuseppina, *see* Bellizia, Josephine A.
- Retail credit, and collections, bibliography, 15324
- Retail stores, *see* Stores.
- Retail trade :
 - current reports, 14279
 - employee earnings, summary release, 14984
 - sales, 14279
 - see also* names of commodities and industries.
- Retina, electrophysiological investigations, USSR study, 14887

Retirement :

- self-employed individuals, deduction for taxable year 1964, Treasury Dept. report, 14445
- social security benefits, you don't have to retire completely to get them, 15327
- Retorts, brazing retort manifold design concept may minimize air contamination, etc., 15101
- Revolving funds, Indian loans to procure assistance before Indian Claims Commission, increase authorization, report, 14393
- Rewards (prizes, etc.) :
 - Bulgarian inventors and efficiency experts, awards, 14951
 - Mendeleyev Society, 1965 chemistry prizes, winners, USSR, 14930
- Rhenium, minerals yearbook chapter, 15032
- Rheumatoid arthritis, adults in U.S., 15308
- Rhode Island :
 - census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
 - county business patterns, 14266
- Rice Lake National Wildlife Refuge, general information, 14661
- Rickenbacker, Joseph E., losses in transporting and handling grain by selected grain marketing cooperatives, 14143
- Rigging, *see* Masts and rigging.
- Right-of-way, *see* Roads and highways.
- Rings, inflatable O-ring seal would ease closing of hatch cover plate, 15115
- Roads and highways :
 - beautification and safety, Federal-State coordination (remarks), 14328
 - Federal-aid highway act of 1966, section-by-section analysis, 14441
 - Federal-aid program, toll facilities relationship, hearings, 14440
 - Improved highway engineering productivity, conference, proceedings, 15314
 - needs of future (remarks), 15316
 - Public Roads Bureau labor compliance manual, amendment, 15315
 - right-of-way, acquisition, bibliography, supplement, 15313
 - steep road fills, controlling soil movement, 14699
 - see also* names of roads or highways.
- Robbins, Leslie F., new construction and rehabilitation on college campuses, 14556
- Robbins, W. M., jr., preliminary design studies for very large orbiting radiotelescope, 15070
- Roberts, Jean, prevalence of osteo arthritis, 15307
- Rocket propellants, *see* Propellants.
- Rockets :
 - performance of Apollo storable propellants in engines with large area ratio nozzles, 15173
 - recoverable booster, landings and slideouts, investigation, 15141
 - rotating-solid-propellant control system, application to attitude-control of space-vehicle upper stage, errata, 15132
 - Saturn class boosters, data requirements for in-flight synthesis and multiple blender studies, 15055
 - small-animal payload, integration with sounding rocket, 15081
- Rocks, disk subjected to peripheral thermal shock, stress analysis, 15024
- Rocky Mountain States, manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- Rodenbach, Richard D., southern yellow pine, log overruns, 14708
- Rogers, K. W., solid nitrogen formed by cryopumping, 15058
- Romm, Joseph, speech, Oct. 4-5, 1965, 14292
- Roots of equation, *see* Mathematics.
- Rosenbaum, B., range residuals in VHF radar tracking, 15169

Rosenberry, Paul E., commercial Corn Belt farms, 14533
 Rot, *see* name of rot.
 Rotorcraft, external-load operations, Federal aviation regulations, 14613
 Rotors:
 axial flow pump, with tip diffusion factor of 0.66, blade element performance, 15191
 hollow spherical, fabricated by electroplating, 15097
 Roughness, *see* Surfaces.
 Roumasset, Charles A., Negro in the West, etc., 14983
 Roys, George P., measurements by aircraft of condensed water in Great Plains thunderstorms, 15421
 Rubidium:
 determination by name photometry, 15023
 vapor effects on Bayard-Alpert ionization gages, 15179
 vapor, frequency standards, long-term performance, 15210
 Rudolf, Paul O., forest genetics and related research, annotated bibliography, 14715
 Rugs, Wilton, Brussels, etc., Tariff Commission report, 15388
 Rules, *see* names of courts, commissions, etc., issuing rules—*also* subjects.
 Rules and Administration Committee, Senate:
 hearing, 14504
 reports, 14461-462
 Rules Committee, House, report, 14391
 Rumania:
 computer, general-purpose, development, 14912
 development of geophysics in last 2 decades, 14895
 national conference on normal and pathological morphology, 14842
 soil and land utilization, research, 14886
 Rural communities:
 advantages of industrial expansion in rural America (address), 14126
 consumer expenditures and income, rural farm population—
 north central region, 14117
 southern region, 14118
 keeping people in countryside through new economic opportunities (address), 14127
 migrant worker programs, 14528
 Rural development program:
 building rural America, rural areas development, press reports, 14597
 community development district act of 1966, planning of public services, etc., hearings, 14403
 mid-Hudson project, 14596
 Rural electrification, *see* Electricity.
 Rural Electrification Administration, materials acceptable on electrification systems, list, 15319
 Ruttenberg, Stanley H., nomination, hearing, 14501
 Rwanda, Tanzania boundary, study, 15343
 Ryack, Bernard L., individual and group learning, 14994
 Ryan, Cornelius, Last battle (book), Soviet colonel reviews, 14925

S

S.A.M., *see* School of Aerospace Medicine.
 S.E.C., *see* Securities and Exchange Commission.
 Sabine, RLC-9, lunar charts, 14186
 Sableski, Joseph J., paper, Nov. 1965, 15274
 Safeguard our Nation's youth on the job (series), 14967
 Safety at sea, *see* Safety of life.
 Safety equipment and appliances, automatic protective vent has fail-safe feature, 15099

Safety of life:
 air safety—
 rules of CAB pertaining to accidents, etc., investigations, 14287
 safety education series, 14681-682
 at sea, disclosure of modern fire safety standards, report, 14466
 drug safety, hearings, 14423
 fire safety in construction projects (talk), 14742
 highway improvements and safety, Federal-State coordination (remarks), 14328
 safeguard our Nation's youth on the job (series), 14967
 safety education series, 14681-682
 safety in industry, mechanical and physical hazards series, 14965
 safety investigation regulations, SIR series, 14287
 traffic and motor vehicle safety act of 1966, report, 14391
 Sailing directions:
 Baltic Sea, change, 15233
 Japan, southern, change, 15236
 Mediterranean, changes, 15234-235
 Sailors, staffing Federal seafaring positions, 14435
 St. Johns County, Fla.:
 beach erosion control study, engineer report—
 departmental edition, 14571
 document edition, 14447
 St. Lawrence Seaway Development Corporation:
 audit report, 14386
 financial statements, 1965, examination, GAO report, 14724
 Sakhalin, southwestern, nature of gravity anomalies, USSR study, 14805
 Salaries, Federal classified, postal, and Foreign Service employees, 14434
 Sales, *see* names of commodities, etc.
 Sales tax, State taxation of interstate commerce, report, print additional copies, report, 14461
 Saline water, *see* Sea water—Water.
 Salt River Pima-Maricopa Reservation, long-term leases, report, 14397
 SAM, *see* School of Aerospace Medicine.
 Sampling, *see* names of substances or objects sampled.
 Sandwich construction, *see* Panels and paneling.
 Sanitation, standards, fabrication of single service containers and closures for milk and milk products, guide, 15278
 Santa Ana National Wildlife Refuge, general information, 14660
 Santee National Wildlife Refuge, birds, list, 14663
 San Xavier Reservation, long-term leases, report, 14397
 Satellites:
 activities of Hungarian observation network, 14833
 attenuation of radiation, USSR study, 14890
 communications, historical background, etc., 15078
 Echo II project, metal-polymer laminate, mechanical and physical properties, 15140
 ESSA 1, meteorological data, television cloud photography, catalogue, 14580
 orbital research laboratory, medical aspects, Space Medicine Advisory Group study, 15079
 orbits, drift of 24-hour inclined-orbit in earth gravity field through 4th order, 15136
 scanning small celestial area, use of reaction wheels and nonlinear control, 15184
 target, visual detection with unaided eye, 15065

INDEX

Satellites—Continued

TIROS, meteorological data, television cloud photography, catalogue, 14579
weather satellites, Soviet views and developments, 14883

Saturn (rocket), *see* Rockets.

Savannah (nuclear ship):

executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959

Savings accounts, *see* Banks and banking.

Savings and loan associations, insured, average annual dividend rates paid, 14627

Savings and loans examiners, examination announcement, discontinuance notice, 14306

Savings banks, *see* Banks and banking.

Savings bonds, voluntary payroll savings plans for purchase by Government employees, rescission, 15394

Sawtooth National Park, establish, hearings, 14491

Sawtooth National Recreational Area, establish, hearings, 14491

Saxman, Alaska:

totem pole of Haida Indian, colored poster—

with French text, 15407

with German text, 15405

with Spanish text, 15406, 15408

Scanning, satellite scanning small celestial area, use of reaction wheels and nonlinear control, 15184

Schmeltzer, Edward, remarks, Sept. 9, 1966, 14634

Schnellbacker, E. E., address, Sept. 1, 1966, 14780

Schoettger, Richard A., electronic method of measuring hematocrits of fish, 14674

School of Aerospace Medicine:

aeromedical reviews, 14188-189

technical reports, 14190-196

Schools:

construction program, agreement with Burma, 15370

federally affected areas, impact aid—

hearings, 14417

reduction, effect on Hawaii, hearings, 14416

health program, outline for school and community, 15302

public, equality of educational opportunity,

report of survey, 14551

correlation tables, 14552

Soviet, textbooks, 14565

see also Elementary education—High schools.

Schools of forestry, *see* Forests and forestry.

Schuerch, H., micromechanics of composite materials, stresses and failure mechanisms induced by inclusion, 15073

Schutzmam, R. L., cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, soil, water and sediment, 14113

Science:

Academy of Sciences, Hungary, recent activities, 14859

Academy of Sciences, Turkmen SSR, annual meeting, 14894

Academy of Sciences, USSR—

Biological Science Department, scientific activity of institutions, 14923

vestnik, translations, 14792, 14935

Bulgaria, progress, 14954

Eastern Europe, science and Communist society, USSR study, 14929

evaluation, Yugoslavian study, 14858

international, new era (remarks), 14238

scientific cultivation of agricultural plants, Rumanian study, 14917

Socialist countries, scientific conferences and events, 14860

teaching activities related to space, 15036

Science—Continued

technical aids, examination announcement, amendment, 14297

USSR—

organizations, news, 14818, 14826

physicians practicing in medical higher educational institutions, activities, translation, 14793

probes, by French journalist, 14817

scientific press, criticism, 14927

Scientific research:

documentation, current research and development, bibliography, 15320

USSR, expansion for economic development, 14897

Scientists:

chemical academician N. N. Semenov, biographical sketch, 14882

current employment market, 14567

evaluation, Yugoslavian study, 14858

Scotland, plant quarantine requirements, 14116

Scrap, materials, defense scrap yard handbook, 14516

Sea, *see* Ocean.

Sea grant colleges, *see* Colleges and universities.

Sea nettles, *see* Jellyfish.

Sea water:

conversion, vapor reheat liquid-liquid heat exchange process, 14772

solar distillation utilizing multiple-effect humidification, 14770

Seaborg, Glenn T., remarks, Sept. 13, 1966, 14238, 14242

Seasickness, *see* Motion sickness.

Seats, airline, head and face injury potential during crash decelerations, 14243

Seattle, Wash., reduced defense spending, potential impact, 14207

SEC, *see* Securities and Exchange Commission.

Secondary education:

act of 1965, instructions for title 1, 1967 application forms, 14554

elementary and secondary education act amendments of 1966, hearings, 14416

Secondary schools, *see* High schools.

Securities, dealers, relationships under banking act of 1933, regulation, 14642

Securities and Exchange Commission, companies filing annual report, directory, 15321

Securities exchanges, act of 1934, companies filing annual reports, directory, 15321

Security, *see* National security.

Security violations don't just happen, they are caused! 14523

Sedimentation and deposition:

cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113

fluvial sediment in Little Arkansas River basin, Kans., 14754

Heart River drainage basin, N. Dak., 14755

sediment, environmental radiation surveillance, sample preparation, 15277

sedimentation in small drainage basins (series), 14754

Seedlings, *see* Forest planting.

Seeds:

blue spruce, performance of 7 seed sources, 14704

Federal seed act, general information, 14510

see also Grasses.

Segregation, *see* Race problems.

Seismic waves, *see* Tsunami (tidal wave).

Seismology, seismic design for buildings, Army technical manual, 14223

Self-employed, *see* Employment.

Semenov, N. N., Soviet chemical scientist, biographical sketch, 14882

Semiconductor counters, lithium-drifted silicon surface-barrier, manufacture, 15166

- Semiconductors, devices, USSR all-Union scientific session devoted to radio day, 14828
- Senate:
 appropriations, 1967, legislative, report, 14395
 Secretary, report, Jan. 1-June 30, 1966, 14450
 Senate documents, 14447-451
 Senate executive documents, 14451-452
 Senate reports, public bills, 14453-468
 Senior citizens, *see* Aged.
- Sensors, flight type oxygen partial pressure sensor, 15046
- Separation (military):
 disability separation, facts for your future, 14205
- Separators, *see* Pneumatic separators.
- Serial set (congressional), 14332-333
- Serology, toxic and serological shifts in blood of burned animals, USSR study, 14879
- Servants, social security, good news for household workers, 15328
- Sewage, disposal system, agreement with Canada, 15372
- Sex:
 evolutionary role of division into 2 sexes, USSR study, 14846
 projections of white and nonwhite population to 1985, by sex, 14275
- Shapiro, Sidney S., and wife, relief, 14347
- Shaw, William H., remarks, Aug. 17, 1966, 14321
- Shea, R. A., visual detection of point source targets, 15065
- Sheds, storage for fertilizer, 40 ton capacity, 14146
- Sheep, foot rot, 14136
- Shekarchi, E.:
 mineral industry of Israel, 15016
 mineral industry of Jordan, 15017
- Sheldahl, Robert E., effect of discontinuities in surface catalytic activity on laminar heat transfer, etc., 15198
- Shellfish, sanitation research, Northwest planning conference, proceedings, 15276
- Shells (structural):
 complete spherical, buckling, 15057
 cylindrical and hemispherical, axisymmetric response to time-dependent loading, 15069
 cylindrical, boundary conditions influence on buckling load under axial compression, 15061
 paraboloidal thin-walled, thermal distortions, 15161
 tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
 thin shell theory, dual formulation, 15067
- Shelters (protective), *see* Protective shelters.
- Sheridan, Eugene T.:
 coke and coal chemicals, 14998
 coke producers in U.S., 15002
 fuel briquets and packaged fuel, 15006
- Shields, William R., Analytical Mass Spectrometry Section, instrumentation, etc., 15209
- Shiller, William R., aerodentalgia under hyperbaric conditions, 14995
- Shipbuilding, construction-differential subsidies, extend 55-percent maximum rate, report, 14402
- Shipments, *see* names of articles shipped.
- Shipping:
 act, 1916—
 amend, hearings, 14478
 exemptions, report, 14456
 foreign nations, discriminatory practices, reports, 14479
 laws, consolidate and reenact, report, 14457
 military cargoes, reduced ocean freight rates, by U.S. flag vessels, hearings, 14478
- Ships:
 construction, *see*, in main alphabet, Shipbuilding.
 loan, extension, agreement with Canada, 15354
 measurement, customs regulations, U.S. laws, etc., 14513
 passenger vessels, rules and regulations, 14318
see also Shipbuilding.
- Shock absorbers, pneumatic, use of filament wound toroids, 15071
- Shopper's guide for canned peas, 14149
- Shoshone Indians:
 medicine man, colored poster—
 with French text, 15410
 with Spanish text, 15409
- Shrimps and shrimp fishery, southern United States, 14654
- Shugars, Owen K., commercial tobacco-livestock farms, Bluegrass area, Ky., 14531
- Siberia crustal structure in transition zone from Siberian platform to Taymyr down-warp, experience in using industrial explosions, USSR study, 14804
- Sierra Leone, gazetteer, official standard names, 14744
- Sight, vision screening in selected classes for mentally retarded, Detroit, Mich., 14283
- Signals, discrete, theory and techniques of transmitting USSR all-Union scientific session devoted to radio day, 14830
- Silage, value of mature corn, 14107
- Silicon, manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
- Silver (money):
 standard silver dollars held by Treasury, authorize sale to American Cancer Society and American Heart Association, hearings, 14414
- Silviculture, *see* Forests and forestry.
- Simoneau, Robert J., visual study of velocity and buoyancy effects on boiling nitrogen, 15138
- Singapore, investment guaranties, agreement, 15352
- Single channel pulse-height analyzer operates in subnanosecond range, 15107
- SIR series, 14257
- Sleep:
 and electric sleep in children, USSR study, 14850
 normal, dreams during, USSR study, 14849
- Slidefilms, *see* Filmstrips.
- Slip laws, *see* Law.
- Slums, rebuilding, city demonstration programs, report, 14388
- Small business, *see* Business.
- Small Business Administration:
 organization, changes, hearings, 14477
 report, 15325
- Small Business, Select Committee on, House, hearings, 14442
- Small Business, Select Committee on, Senate, hearings, 14505-506
- Small craft, gale and whole gale warning facilities charts, 15423-424
- Smelting, electrolytes for electrorefining hafnium, 15022
- Smith, L. Jack, use of phase-locked-loop control for driving ultrasonic transducers, 15174
- Smith, Wesley G., inventory of land and its use, TVA, 15390
- Smithsonian Institution:
 board of regents, programs in marine science hearing, 14431
 Joseph H. Hirshhorn Museum and Sculpture Garden, establish, hearing, 14439
- Snipes, hunting possession, transportation, importation in Alaska, 1966-67, Federal regulations, governing, 14673
- Snow, spread footing foundations, 14212

INDEX

- Social life and customs, *see* Manners and customs.
- Social sciences, Soviet secondary schools, syllabus of new course, 14564
- Social security:
benefits—
for mentally retarded child, 15329
you don't have to retire completely to get them, 15327
coverage for household workers, 15328
earnings record, 15330
farm statistics, 15332
research and statistics note, 15331
- Social work and problems:
alcoholism, social aspects, 15428
helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965—
French edition, 14583
Spanish edition, 14584
National Institute of Mental Health student research, stipend program in social work, survey, 15290
social welfare in changing world, place in process of development—
French edition, 15426
Spanish edition, 15425
- Socialism:
economic development of Socialist countries, USSR study, 14811
scientific conferences and events in Socialist countries, 14860
- Society:
center of our society, American city (remarks), 15261
cybernetics and society, 14908
- Society of American Foresters, Genetics Workshop and Lake States Forest Tree Improvement Conference, joint proceedings, 14716
- Sodium, solute and water transport across biologic membranes, 14774
- Soil conservation:
abstracts of material published, 14101
districts, status of organization, by States, approximate acreage, etc., 15333
Northwest resource conservation and development project areas, establishing alfalfa dehydrating plants, feasibility, 14542
- Soil erosion, controlling soil movement from steep road fills, 14699
- Soils:
cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113
environmental radiation surveillance, sample preparation, 15277
humus-mineral mixtures, growth response of yellow birch seedlings, 14705
plane plastic deformation, 14210
Rumania, utilization, research, 14886
sampling small wetland forest plots in Coastal Plain, 14711
soil survey reports—
Berkeley County, W. Va., 15334
Somerset County, Md., 15335
- Solar concentrator, thermal distortions of thin-walled paraboloidal shells, 15161
- Solar energy, distillation process utilizing multiple-effect humidification, 14770
- Solder and soldering:
boron-deoxidized copper withstands brazing temperatures, 15092
brazing, marine engineering regulations, 14316
- Soldiers' Home, District of Columbia, appropriations, 1967, hearings, 14472
- Solenoids, multiple system, pneumatic binary encoder replaces, 15104
- Solid state detectors monitor relay contacts, 15126
- Soliwoda, Sophia, relief, 14353
- Solutes, solute and water transport across biologic membranes, 14774
- Somerset County, Md., soil survey report, 15335
- Sondermayer, Roman V., mineral industry of Albania, 15014
- Sonic boom, ground pressure patterns, effects of atmospheric refraction and airplane accelerations, 15152
- Sorcier Indien de la tribu Shoshone, Thermopolis, Etat de Wyoming, 15410
- Sound, ultrasonic transducers, phase-locked-loop control for driving, 15174
- Sound recordings, USSR all-Union scientific session devoted to radio day, 14937
- South (U.S.):
rural farm population, southern region, consumer expenditures and income, 14118
shrimp and shrimp fishery, 14654
- South America:
civil divisions, geographic report, 15341
east coast, lights and fog signals, list, change, 15237
- South Atlantic States, *see* Atlantic States.
- South Carolina, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- South Dakota:
Indians, general information, 14763
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
- Southeast (U.S.):
water pollution control, comprehensive project, 14649
- Southeastern Forest Experiment Station, publications, 1966, list, 14698
- Southeastern States, *see* Southeast (U.S.).
- Southern States, *see* South (U.S.).
- Soviet Union, *see* Union of Soviet Socialist Republics.
- Soybeans, processing and utilization, list of references, 15205
- SP series, *see* FMC SP series—NASA SP series—Special publication SP series.
- Space, *see* Outer space.
- Space environment, *see* Environment.
- Space flight, *see* Astronautics.
- Space medicine, *see* Medicine.
- Space Medicine Advisory Group, NASA, orbiting research laboratory, medical aspects, study, 15079
- Space suits, portable lightweight cell provides controlled environment in event of damage or malfunction, 15100
- Spacecraft:
attitude control, use of rotating-solid-rocket control system, errata, 15132
flight parameters and vehicle performance for Project Fire flight II, 15176
Mars entry vehicle, conceptual design for damping system, 15042
orbits, determination with respect to object in known circular orbit, 15150
radiator panels utilizing shared fins, heat-rejection characteristics, 15189
system for inertial experiment pointing and attitude control, 15202
tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
two-stage launch vehicle, supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions, 15139
Voskhod, Soviet space vehicle, superior technical features, 14863
- Spain:
education, data, 14549
loan of vessel, agreement, 15353
- Spanworms, elm, individual eggs from mass-depositing insect, 14709
- Sparta project, *see* Project Sparta.
- Spasmolytic action of new oximes, 14813

- Spatial disorientation, causes, preventive measures, etc., 14189
- Special publication SP series, 15239
- Special reports, Cold Regions Research and Engineering Laboratory, 14211
- Specialists, *see* types of specialists, or occupations.
- Specifications, *see* Government supplies—*also* names of departments, etc., issuing specifications.
- Spectra:
distribution functions, molecular band systems, air radiation tables, 15060
ionospheric layers in infrared region, USSR study, 14794
- Spectrograms, spectrozonal aerial photographs for topographic interpretation, USSR study, 14900
- Spectrometers:
mass, instrumentation of NBS Analytical Mass Spectrometry Section, 15209
mass submicron holes in thin films increase sampling range, 15110
- Spectroscopy, infrared, xanthate-galena system, 15021
- Spectrum analyzers, swept frequency, in-flight vibration analysis, design equations, 15196
- Speech, intelligibility, monaural and binaural, 14993
- Speed, *see* Air speed.
- Spheres:
buckling of complete spherical shells, 15057
hollow spherical rotors fabricated by electroplating, 15097
- Spokane, Wash., area wage survey, metropolitan area, 14973
- Sport fisheries, *see* Fish and fisheries.
- Sport Fisheries and Wildlife Bureau:
resource publications (series), 14674
technical papers, 14679
- Spray towers, vapor reheat, liquid-liquid heat exchange process, 14772
- Spread footing foundations on snow, 14212
- Springs (mechanism):
diaphragm spring gives clutch over-center toggle effect, 15094
- Spruce, blue spruce, central North Dakota, performance of 7 seed sources, 14704
- SRS series, 15383
- Stability of aircraft, static characteristics of cone and half-cone-pyramid configurations, 15162
- Stabilization, economic, today's inflationary pressures (address), 14320
- Stackhouse, Stirling P., intraspecies biologic and behavioral variability, 14193
- Stadiums, District of Columbia, construction, change orders and other matters, review, 14733
- Staff development, *see* Administrative management.
- Stamps, *see* Postage stamps.
- Standards and standardization:
Defense Dept.—
specifications and standards, index, 14519
standardization documents, supply classification listing, 14517
Federal standards, 14644
Federal test method standards, 14645
see also subjects.
- Stanton, Beryle E., communications vital to cooperatives, 14592
- Stapleford, R. L., pilot describing function measurements in multiloop task, 15052
- State aid, *see* Grants-in-aid.
- State Department:
background notes, 15337
commercial policy series, 15338
counselor, nomination of Robert B. Bowie, hearings, 14481
department and foreign service series, 15339
- State Department—Continued
dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14728
reorganization, hearings, 14484
telephone directory, 15344
agencies, disposal of Federal surplus property for education, etc., hearing, 14482
Federal grants, highway construction act of 1966, section-by-section analysis, 14441
fresh fruit and vegetable shipments, 14508
income tax, withholding from compensation of Federal employees, regulations, rescissions, 15395, 15397
interstate carriers water supplies, inventory, 15285
law enforcement, Federal assistance, amend law, hearings, 14429
McIntire-Stennis cooperative forestry research program, administrative manual, 14132
manufactures, 1964, general statistics, 14249
minimum wage legislation, weapon in war on poverty, 15431
public assistance, cost of State and local administration, services, and training, 14586
sex discrimination in employment, laws, 15430
soil conservation districts, status of organization, etc., 15333
sources of milk for Federal order markets, 14511
taxation of interstate commerce activities, investigation, report, print additional copies, report, 14461
- Statistical publications, *see* names of departments, etc., issuing publications.
- Statistical Reporting Service, SRS series, 15383
- Statisticians, mathematical, and statistician-survey statistician, examination announcements, amdt., 14303
- Statistics, Federal-State-local cooperative arrangements, programs and problems, statements, 14244
see also subjects.
- Statutes, *see* Law.
- Staugaitis, C. L., Echo II metal-polymer laminate, 15140
- Steel, jacks from Canada, determination of likelihood of injury, 15386
- Stellarators, superconducting magnetic bottle for plasma physics experiments, 15186
- Stelluto, George L., industry wage survey, cotton textiles, 14979
- Stern, Louis W., studies of organization and competition in grocery manufacturing, 15216
- Sternbergh, S. A., flight type oxygen partial pressure sensor, 15046
- Stevens, Richard F., jr., rhenium, 15032
- Stevenson, P. C., processing of counting data, 14236
- Stewart, Charles W., John Paul Jones, commemoration at Annapolis, Apr. 24, 1906, 15240
- Stewart, William H., address, June 20, 1966, 15271
- Stock catalogs, *see* Government supplies.
- Stockholm, Sweden, U.S. trade center, 14783
- Stocks:
bonus plans, tax exemption, procedures and guides for qualification under internal revenue code, 14779
savings and loan associations, insured, average annual dividend rates paid, 14627
- Stockyards, packers and stockyards act, what it is, how it operates, 14148
- Stone, census of mineral industries, 1963, industry statistics, 14262

INDEX

- Storage, flood routing without coefficients, 14102
- see also* names or classes of articles stored.
- Stores:
 - department stores, inventory price indexes, 14981
 - retail sales, 14279
- Storms:
 - coastal warning facilities charts—
 - Eastport, Me. to Montauk Point, N.Y., 15411
 - Montauk Point, N.Y. to Manasquan, N.J., 15419
 - National Severe Storms Laboratory report (series), 15421
 - small craft, gale and whole gale warning facilities chart, Great Lakes—
 - Huron, Erie and Ontario, 15423
 - Superior and Michigan, 15424
 - see also* Thunderstorms
- Stout, B. A., prototype hydrohandling system for sorting and sizing apples before storage, 14112
- Stover, W. F., land conveyance to, 14357
- Strains and stresses:
 - buckling load of cylindrical shells under axial compression, influence of boundary conditions, 15061
 - buckling of complete spherical shells, 15057
 - buckling of imperfect cylinders under axial compression, 15051
 - Carlson stress meter, supplementary tests, 14576
 - dual formulation of thin shell theory, 15067
 - initiation of failure mechanisms in glass-resin composites, 15039
 - micromechanics of composite materials, stresses and failure mechanisms induced by inclusions, 15073
 - rock disk subjected to peripheral thermal shock, analysis, 15024
 - thermal distortions of thin-walled paraboloidal shells, 15161
- Strengthening free enterprise, 1965 annual report, Small Business Administration, 15325
- Stress (physiological), *see* Tension.
- Stresses (mechanical), *see* Strains and stresses.
- Strikes and lockouts, airline strike impact on defense posture, hearing, 14411
- Stroboscopic method, *see* Equations.
- Strokes, community health planning grants, 14757
- Struble, G. R., California 5-spined ips, 14696
- Structural designs, *see* Designs (industrial).
- Structural systems and program decisions, Apollo program, 15087-88
- Students, National Institute of Mental Health student research stipend program in social work, survey, 15290
- Studies (North Vietnam periodical):
 - translations, 14854
- Subarctic region:
 - emergency construction, technical manual—
 - general provisions, 14227
 - site selection and development, 14225
- Subject headings, descriptors thesaurus, 14524
- Submarine boats, loan, extension, agreement with Canada, 15354
- Submarine Medical Center, *see* Naval Submarine Medical Center.
- Submariners:
 - aeroditis media in submarine recruits, 14992
 - personnel in nuclear-powered submarines, ionizing radiation effects on eyes, 14991
- Submicron hole in thin films increase sampling range of mass spectrometers, 15110
- Subsidies, *see* names of commodities, industries, etc.
- Subsurface effects measurements, Project Pre-Schooner, 14237
- Suez Canal, vessel tonnage measurement, customs regulations, 14513
- Sulfur forms in coals, 15010
- Summer flounders, *see* Flounders.
- Summers, Robert L., effects of rubidium vapor on ionization gages, 15179
- Superalloys, *see* Alloys.
- Superconducting magnetic bottle for plasma physics experiments, 15186
- Superior, Lake:
 - birds of Isle Royale, 14676
 - small craft, gale and whole gale warning facilities chart, 15424
- Supersonic aerodynamics, *see* Aerodynamics.
- Supersonic airplanes, *see* Airplanes.
- Supersonic flow, *see* Flow.
- Supplies, *see* Government supplies—Medical supplies—Military supplies—Surgical supplies.
- Supply and Maintenance Command:
 - project listing, 14221
 - SMC pamphlet, 14221
- Supply management, interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
- Supreme Court, uniform civil appellate rules for courts of appeals, power to prescribe, report, 14455
- Surface water, *see* Water.
- Surfaces:
 - roughness—
 - effects on boundary-layer transition for blunt-leading-edge plates, 15149
 - fabrication-type, pressure drags on ogive cylinder, 15151
 - pressure and heat transfer tests, 15049
- Surgery:
 - experimental, problems, USSR study, 14825
 - proportion of surgical bill paid by insurance, 15306
- Surgical supplies, administrative aspects of hospital central surgical supply services, 15282
- Surplus property:
 - disposal abroad, hearings, 14483
 - disposal to State agencies for education, etc., hearing, 14482
 - see also* Personal property.
- Survey, Stanley S., remarks, Aug. 6, 1966, 15392
- Surveying:
 - accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
 - aid, examination announcement, 14301
- Surveys, *see* Community surveys—*also* subjects of surveys.
- Survivors, *see* Civil service pensions.
- Swamplands, coastal wetlands of Hempstead-South Oyster Bay, L.I., preserve for fishing, etc., hearings, 14432
- Swan Lake National Wildlife Refuge, birds, list, 14667
- Swanson, Bruce L., statistics of farmer cooperatives, 14594
- Swanson, Howard E., standard X-ray diffraction powder patterns, 15206
- Swearingen, John J., head and face injury potential of airline seats, etc., 14243
- Sweden:
 - former Communist Party chairman publishes book, 14903
 - Indonesia's political history and Oct. 1, coup, Swedish leftist view, 14902
 - research in Soviet legal terminology, 14901
- Sweet corn, *see* Corn.
- Swine, pig crop report, 15382
- Sycamore Canyon, primitive area, mineral resources, 14747
- Sylvia, John R., relief, 14345

INDEX

- Storage, flood routing without coefficients, 14102
see also names or classes of articles stored.
- Stores :
 department stores, inventory price indexes, 14981
 retail sales, 14279
- Storms :
 coastal warning facilities charts—
 Eastport, Me. to Montauk Point, N.Y., 15418
 Montauk Point, N.Y. to Manasquan, N.J., 15419
 National Severe Storms Laboratory report (series), 15421
 small craft, gale and whole gale warning facilities chart, Great Lakes—
 Huron, Erie and Ontario, 15423
 Superior and Michigan, 15424
see also Thunderstorms.
- Stout, B. A., prototype hydrohandling system for sorting and sizing apples before storage, 14112
- Stover, W. F., land conveyance to, 14357
- Strains and stresses :
 buckling load of cylindrical shells under axial compression, influence of boundary conditions, 15061
 buckling of complete spherical shells, 15057
 buckling of imperfect cylinders under axial compression, 15051
 Carlson stress meter, supplementary tests, 14576
 dual formulation of thin shell theory, 15067
 initiation of failure mechanisms in glass-resin composites, 15039
 micromechanics of composite materials, stresses and failure mechanisms induced by inclusions, 15073
 rock disk subjected to peripheral thermal shock, analysis, 15024
 thermal distortions of thin-walled paraboloidal shells, 15161
- Strengthening free enterprise, 1965 annual report, Small Business Administration, 15325
- Stress (physiological), *see* Tension.
- Stresses (mechanical), *see* Strains and stresses.
- Strikes and lockouts, airline strike impact on defense posture, hearing, 14411
- Stroboscopic method, *see* Equations.
- Strokes, community health planning grants, 14757
- Struble, G. R., California 5-spined ips, 14696
- Structural designs, *see* Designs (industrial).
- Structural systems and program decisions, Apollo program, 15087-88
- Students, National Institute of Mental Health student stipend program in social work, survey, 15290
- Studies (North Vietnam periodical) :
 translations, 14884
- Subarctic region :
 emergency construction, technical manual—
 general provisions, 14227
 site selection and development, 14228
- Subject headings, descriptors thesaurus, 14524
- Submarine boats, loan, extension, agreement with Canada, 15354
- Submarine Medical Center, *see* Naval Submarine Medical Center.
- Submariners :
 aerotitis media in submarine recruits, 14992
 personnel in nuclear-powered submarines, ionizing radiation effects on eyes, 14991
- Submicron hole in thin films increase sampling range of mass spectrometers, 15110
- Subsidies, *see* names of commodities, industries, etc.
- Subsurface effects measurements, Project Pre-Schooner, 14237
- Suez Canal, vessel tonnage measurement, customs regulations, 14513
- Sulfur forms in coals, 15010
- Summer flounders, *see* Flounders.
- Summers, Robert L., effects of rubidium vapor on ionization gages, 15179
- Superalloys, *see* Alloys.
- Superconducting magnetic bottle for plasma physics experiments, 15186
- Superior, Lake :
 birds of Isle Royale, 14676
 small craft, gale and whole gale warning facilities chart, 15424
- Supersonic aerodynamics, *see* Aerodynamics.
- Supersonic airplanes, *see* Airplanes.
- Supersonic flow, *see* Flow.
- Supplies, *see* Government supplies—Medical supplies—Military supplies—Surgical supplies.
- Supply and Maintenance Command :
 project listing, 14221
 SMC pamphlet, 14221
- Supply management, interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
- Supreme Court, uniform civil appellate rules for courts of appeals, power to prescribe, report, 14455
- Surface water, *see* Water.
- Surfaces :
 roughness—
 effects on boundary-layer transition for blunt-leading-edge plates, 15149
 fabrication-type, pressure drags on ogive cylinder, 15151
 pressure and heat transfer tests, 15049
- Surgery :
 experimental, problems, USSR study, 14825
 proportion of surgical bill paid by insurance, 15306
- Surgical supplies, administrative aspects of hospital central surgical supply services, 15282
- Surplus property :
 disposal abroad, hearings, 14483
 disposal to State agencies for education, etc., hearing, 14482
see also Personal property.
- Surrey, Stanley S., remarks, Aug. 6, 1966, 15392
- Surveying :
 accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
 aid, examination announcement, 14301
- Surveys, *see* Community surveys—*also* subjects of surveys.
- Survivors, *see* Civil service pensions.
- Swamplands, coastal wetlands of Hempstead-South Oyster Bay, L.I., preserve for fishing, etc., hearings, 14432
- Swan Lake National Wildlife Refuge, birds, list, 14667
- Swanson, Bruce L., statistics of farmer cooperatives, 14594
- Swanson, Howard E., standard X-ray diffraction powder patterns, 15206
- Swearingen, John J., head and face injury potential of airline seats, etc., 14243
- Sweden :
 former Communist Party chairman publishes book, 14903
 Indonesia's political history and Oct. 1, coup, Swedish leftist view, 14902
 research in Soviet legal terminology, 14901
- Sweet corn, *see* Corn.
- Swine, pig crop report, 15382
- Sycamore Canyon, primitive area, mineral resources, 14747
- Sylvia, John R., relief, 14345

Symposiums:
 employment act of 1946, 20th anniversary, hearing, supplement, 14376
 ESSA, earthquake prediction, 14577
 international water quality, North American problems (remarks), 14753
 nutritional requirements for survival in cold and at altitude, arctic medicine and biology, proceedings, 14185
 Synthesis:
 and application of perceptrons, USSR, 14916
 in-flight synthesis, data requirements, 15055
 Systems, for inertial experiment pointing and attitude control, 15202
see also names or types of systems, e.g. Control systems.
 Systems Research and Development Service, report, 15384

T

Tables (compilation), *see* Technical, scientific, and economic subjects.
 TACAN, *see* Air navigation.
 Tacoma, Wash., reduced defense spending, potential impact, 14207
 Tadzhik Soviet Socialist Republic, public health, 14905
 Tadzhikistan, *see* Tadzhik Soviet Socialist Republic.
 Takagi Shunsuke, plane plastic deformation of soils, 14210
 Tanks, milk cooling, on farms supplying Federal milk order markets, 14509
 Tanks (military science):
 maintenance, Army Dept., GAO, review, 14736
 Tanzania:
 agricultural commodities, agreement, 15357
 Rwanda boundary, study, 15343
 Tape, paper, expandable takeup reel facilitates removal, 15129
 Targets, point source, visual detection of satellite with unaided eye, 15065
 Task analysis, pilot describing function measurements in multiloop task, 15052
 Taube, Carl A., employees in nursing and personal care homes, 15310
 Tax exemption, pension trust procedures, etc., under internal revenue code, 14779
 Tax refunds, farmers gas tax credit, 14775
 Taxation:
 current tax developments (remarks), 15392
 foreign investors tax act of 1965, written statements submitted to Ways and Means Committee, 14446
 foreign investors tax act of 1966, hearings, 14480
 States and local governments, personal property located in Federal areas, subject to tax liability, hearings, 14485
 States, interstate commerce activities, investigation report, print additional copies, report, 14461
see also Employment taxes—Income tax—*also* names of articles, etc., subject to tax.
 Taxes, *see* Taxation.

Teachers:

National Teacher Corps, guidelines, 14555
 opportunities abroad for teachers, teaching, summer seminars, 14558
 Teaching, *see* Programmed instruction—*also* subjects taught.
 Technical bulletins:
 Agriculture Department, 14162-164
 Coast and Geodetic Survey, 14314
 Technical cybernetics, 14862
 Technical education, review of activities in federally aided programs, 14563

Technical manuals, Army Department, 14222-231
 Technical memorandums:
 Civil Defense Office, 14291
 National Aeronautics and Space Administration, 15130
 Technical notes:
 National Aeronautics and Space Administration, 15131-201
 National Bureau of Standards, 15209-211
 Technical orders, *see* names of departments, etc., issuing orders.
 Technical paper, Sport Fisheries and Wildlife Bureau, 14679
 Technical report system description, 15384
 Technical reports:
 Army Aviation Materiel Laboratories, 14232-233
 Civil Defense Office, 14292
 Cold Regions Research and Engineering Laboratory, 14212
 National Aeronautics and Space Administration, 15202
 Naval Training Device Center, 15250-251
 Personnel Research Laboratory, 14183-184
 School of Aerospace Medicine, 14190-196
 Waterways Experiment Station, 14575-576
 Technical research note, 14234
 Technical study series, National Commission on Food Marketing, 15215-218
 Technical translations, National Aeronautics and Space Administration, 15203
 Technicians:
 current employment market, 14567
 engineering and scientific technician examination announcement, suspension notice, 14312
see also Electronic technicians.
 Technology:
 Bulgaria, progress, 14954
 educational technology, hearings, 14375
 Patent Office and technological progress (address), 15236
 petroleum industry, Conference on Selected Technology, Lewis Research Center, papers, 15085
 transfer and innovation, guide to literature, 14329
see also subjects.
 Teen-agers, *see* Youth.
 Tegeler, Henrietta H., Cyprus' agricultural economy in brief, 14544
 Tektites, Muong Nong, lunar structures as deduced from, 15172
 Telegraph, carriers, domestic and overseas reporting annually, statistics, 14620
 Telemechanics, USSR all-Union scientific session devoted to radio day, 14816
 Telemetry:
 error rate reduction of parity checked data by likelihood deletion strategy, 15181
 PCM and PFM systems, comparison, 15142
 Telepathy, *see* Thought-transference.
 Telephone:
 carriers, annual statistics, 14621
 directories, State Department, International Development Agency, Arms Control and Disarmament Agency, 15344
 Teletype, modernized weather teletypewriter communication system, technical report system description, 15384
 Television:
 broadcasting stations of world, indexed by country, city, frequency, 14689
 cloud photography, meteorological satellite data—
 ESSA I, catalogue, 14580
 Tiers VIII, catalogue, 14579
 USSR all-Union scientific session devoted to radio day, 14939
 Television cameras, *see* Cameras.
 Television ophthalmoscopy, workshop, proceedings, 15297

INDEX

Union of Soviet Socialist Republics—Con.
 medical radiology, research, 14931
 metal rolling technology, 14946
 meteorology, recent literature, 14870
 news of scientific organizations, 14818,
 14826
 programmed teaching, 14955
 psychology, goals and achievements, 14919
 railway, improvement, suggestions and
 proposals, 14819
 reviews by colonel on Cornelius Ryan's
 Last Battle (book), 14925
 science, probes, by French journalist, 14817
 scientific press, criticism, 14927
 social science in secondary schools, syl-
 labus of new course, 14564
 Soviet clergyman attacks U.S. action in
 Dominican Republic, 14904
 space program, developments, 14885
 space vehicle Voskhod, superior technical
 features, 14863
 textbooks for schools, 14565
 travel of foreign nationals, regulations
 governing, 14847
 view of contemporary Turkey, 14839
 weather satellites, views and develop-
 ments, 14883
 winners of 1965 Mendeleyev Society prizes
 in chemistry, 14930
 United Kingdom of Great Britain and North-
 ern Ireland, *see* Great Britain.
 United Nations, ceremonies marking deposits
 of United States' instrument of ratifica-
 tion of Asian Development Bank (re-
 marks), 15400
 United Planning Organization, District of
 Columbia, antipoverty programs investiga-
 tion, hearing, 14115
 United States:
 NOTE:—For all subjects pertain-
 ing to the United States, except its
 government, general history, and
 description, *see* such subjects.
 travel directions, travel new world, *see*
 U.S.A.—
 Dutch edition, 15411
 French edition, 15404
 Spanish edition, 15403
 welcome to U.S.A.—
 French edition, 15402
 Spanish edition, 15401
 United States Corrections Service, create,
 hearings, 14429
 Universal transloader moves delicate equip-
 ment without stress, 15114
 UPO, *see* United Planning Organization.
 Upper atmosphere, *see* Atmosphere.
 Uranium:
 liquid, metal, and carbon systems, vapor-
 ization, 15076
 supply and demand situation (remarks),
 14241
 United States resources and requirements
 for civilian power (remarks), 14240
 Urban areas, *see* Cities and towns.
 Urban planning, *see* Redevelopment (city
 planning, etc.).
 Urban renewal, *see* Redevelopment (city
 planning, etc.).
 Urine, creatinuria in irradiated primates,
 14190
 Urine analysis, *see* Urine.
 Uruguay, Argentina boundary, study, 15342
 USAPRO, *see* Army Personnel Research
 Office.
 Use tax, State taxation of interstate com-
 merce, report, print additional copies,
 report, 14461
 USSR, *see* Union of Soviet Socialist Re-
 public.
 Utah:
 manufacturing plants, location by county,
 industry, and employment size, 1963
 census, 14260

Utah—Continued
 nonpermatite beryllium occurrences,
 15029
 north slope, timber management issues,
 14712

 V
 Vacuum:
 high-vacuum technology, testing, and
 measurement meeting (papers), 15130
 self-supported aluminum thin films pro-
 duced by vacuum deposition process,
 15117
 single crystal and polycrystalline alumi-
 num oxide in contact in, friction
 characteristics, 15190
 systems, helium permeation of glass,
 special treatment reduces, 15102
 thin-film ferrites vapor deposited by one-
 step process, 15128
 ultrahigh, produced by titanium sublima-
 tion pump, 15118
 Vacuum gages, *see* Ionization gages.
 Vacuum systems, automatic protective vent
 has fail-safe feature, 15099
 Valves:
 diaphragm valve for corrosive and high
 temperature fluid flow control, unique
 features, 15096
 gas-injection, operates at high speed,
 15111
 Vaporization, liquid uranium, metal, and
 carbon systems, 15076
 Vapors, thin-film ferrites deposited by one-
 step process in vacuum, 15128
 Vaughan, Lucile, nutritional requirements
 for survival in cold and at altitude, sym-
 posia, arctic medicine and biology, 14185
 Vegetables:
 fresh, shipments by commodities, States,
 etc., 14508
 home freezing, 14137
 industry, organization and competition,
 15215
 Vegetation, control firebreak maintenance
 with soil sterilants, 14707
 Vegetative functions, coordination in man
 during muscular activity, USSR studies,
 14824
 Vehicles, *see* Motor vehicles—Spacecraft.
 Velocity, effects on boiling nitrogen, 15138
 Vending machines, vending of food and bever-
 ages, sanitation requirements, 14997
 Ventilation, crankcase systems on automo-
 biles, performance, 15293
 Vents, automatic protective vent has fail-safe
 feature, 15099
 Vermont:
 census of manufactures, 1963—
 area statistics, 14251
 manufacturing plants, location by
 county, industry, and employment
 size, 14254
 Vessels, *see* Shipbuilding—Shipping—
 Ships—Warships.
 Vestibular apparatus, primer of function,
 spatial disorientation, and motion sick-
 ness, 14189
 Vestnik of USSR Academy of Sciences (peri-
 odical):
 translation, 14792, 14935
 Veterans, prebed and posthospital care,
 report of VA committee studying, 14444
 see also Life insurance.
 Veterans Administration:
 career opportunities, count your benefits,
 15414
 Committee Studying PBC and PHC Ac-
 tivity, report, 14444
 field stations, savings by using more eco-
 nomical fuels, GAO report, 14739
 medical research program 1965, synopsis,
 15413
 VA pamphlet, 15414

- Veterans Affairs Committee, House :
committee print, 14444
hearings, 14443
- Veterans hospitals, prebed and posthospital activity, report of VA committee studying, 14444
- Veterinarians, Agriculture Department, opportunities, 14145
- Veterinary Biologics Division, notice, 14119
- Veterinary medicine, opportunities for doctors in USDA, 14145
- Vibration :
in-flight, design equations of swept frequency spectrum analyzers, 15196
sandwich panels in reduced-pressure environment, characteristics, 15163
- Vietnam :
Armed Forces members serving in foreign areas, additional accumulation of leave, hearings, 14110
geographic aspects of struggle, 15340
- Republic—
agricultural commodities, agreement, 15349
refugee problems, report, 14389
- South, *see*, above, Republic.
- Vinti, John P., computation procedure for his accurate reference orbit with inclusion of 3d zonal harmonic, 15170
- Viral aerosols, *see* Aerosols.
- Virgin Islands, reapportionment of legislature, amend organic act, report, 14394
- Virginia, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Visas, *see* Passports.
- Viscosity, hypersonic laminar viscous interaction effects on aerodynamics of wedges, etc., 15153
- Vision, *see* Sight.
- Visiting housekeepers, International Congress on Home Help Services, proceedings, 15427
- Visors, two percent gold, evaluation, 14195
- VISTA, *see* Volunteers in Service to America.
- Visual perception, *see* Perception.
- Vital statistics :
data evaluation and methods research, 15305
data from national health survey, 15306-310
- Vocational education, review of activities in Federally aided programs, 14563
- Vocational rehabilitation, *see* Rehabilitation of the disabled.
- Volga Germans in Soviet Central Asia, 14934
- Voluntary Home Mortgage Credit Program, rural home financing, 14535
- Volunteers in Service to America, amendments to economic opportunity act, hearings, 14498
- Vortex motion, high-level mesovortex, characteristics, USSR study, 14875
- Voskhod (spaceship) :
Soviet space vehicle, superior technical features, 14863
- Voting, where votes are, profile of mid-1960's, rel. to voting habits of future, 14451
- W**
- Wage and Hour and Public Contracts Divisions :
publications, list, 15416
questions and answers, QA-IND series, 15417
- Wages :
area survey, metropolitan area—
Akron, Ohio, 14976
Charleston, W. Va., 14971
Chicago, Ill., 14970
Lawrence-Haverhill, Mass.-N.H., 14975
Muskegon Heights, Mich., 14972
New York City, 14977
Norfolk-Portsmouth and Newport News-Hampton, Va., 14974
Spokane, Wash., 14973
- Wages—Continued
employee earnings, retail trade, June 1965, summary release, 14984
industry survey, cotton textiles, 14979
minimum, State legislation, weapon in war on poverty, 15431
- Wagner, C. A. :
drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order, 15136
gravity potential and force field of earth through 4th order, 15137
- Wales, plant quarantine requirements, 14116
- Walker, Charles R., relation of chemical structure to fish toxicity in nitrosalicylanilides, etc., 14674
- Walker, Forrest E., forms of sulfur in U.S. coals, 15010
- Walsh-Healey public contracts act, *see* Government contracts.
- Walz, Joseph E., thermal distortions of thin-walled paraboloidal shells, 15161
- Wan Kin Chung, *see* Won, Chung K.
- Wang, James T.-S., axisymmetric response of cylindrical, etc., shells to loading, 15069
- Wann, E. V., commercial growing of sweet corn, 14135
- War, innovation and reform in warfare, 14166
- Ward, Robert D., relief, 14352
- Warfare, *see* War.
- Warships, loan to, Spain, agreement, 15353
- Washington, D.C., *see* Capital of United States.
- Washington, George, Memorial Parkway, *see* George Washington Memorial Parkway.
- Washington State :
census of manufactures, 1963, area statistics, 14252
recreational opportunities, study team report, hearings, 14488
print additional copies, report, 14399
- Wasieke, Richard J., application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft, 15072
- Wasserbauer, Joseph F., 5-centimeter-diameter electron-bombardment thruster with permanent magnets, 15199
- Water :
Alabama, used in mineral industry, 15033
cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113
condensed, in thunderstorms, measurements, 15421
conservation—
abstracts of materials published, 14101
fund, 1st year and half, 15255
displacement, measures human body density and fat of adult male, 14235
interstate carrier, supplies, by States and Public Health Service regions, inventory, 15285
Pacific Northwest, annual peak discharge at selected gaging stations, 1965-66, 14745
quality, Potomac River estuary, 14749
radiochemical, analysis in reactor, chromatographic separation, USSR study, 14852
rain traps for intercepting and storing for livestock, 14133
research, selected summaries, 14648
resources, administrative regions of Azerbaydzhan SSR, estimate, 14892
saline water research and development progress reports, 14770-774
solute and water transport across biologic membranes, 14774
surface water chemical quality, Heart River drainage basin, N. Dak., 14755
surface waters quality 1963, United States, 14756

INDEX

- Water—Continued
 water in Flatland (remarks), 14753
 water supply papers, 14754-756
 well drilling in United States, regional trends, 14750
- Water birds, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Water carriers, operations, exemptions from certain provisions of shipping act, 1916, report, 14456
- Water pollution:
 control is now necessity (remarks), 14768
 control, Southeastern comprehensive project, 14649
 seas, by oil, international convention for prevention, amendment, implementing, report, 14464
- Waterborne commerce, *see* Commerce.
- Waterfowl, *see* Water birds.
- Waters, William J., columbium-modified NASA TAZ-8 superalloy, investigation, 15188
- Waterways Experiment Station:
 publications, list, 14573
 technical reports, 14575-576
- Watkin, William W., jr., appointment, 14335
- Waves, *see* Radio waves.
- Ways and Means Committee, House, committee prints, 14445-446
- Weapons, nuclear, principles, Navy training text, 15248
- Wearing apparel, *see* Clothing.
- Weather:
 adverse, hampered Lake States pulpwood production, 14702
 aviation weather procedures handbook, change, 14198
 is it possible to influence?, USSR study, 14797
 world records, 1951-60, Europe, 14581
- Weather Bureau, operations, semiannual report, 15422
- Weather control, methods to modify clouds, experience, USSR study, 14949
- Weather forecasts:
 coastal warning facilities charts—
 Eastport, Me. to Montauk Point, N.Y., 15418
 Montauk Point, N.Y. to Manasquan, N.J., 15419
 computerized at Rumanian Atomic Physics Institute, 14841
 numerical methods, present status, USSR study, 14874
 numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795
 short range, numerical method, international training seminar of WMO, European countries, USSR study, 14868
 small craft, gale, and whole gale warning facilities charts, 15423-424
 synoptic-statistical method for forecasting anomalies of seasonal precipitation, USSR study, 14876
 teletypewriter communications system, modernized, technical report system, description, 15384
- Weather satellites, *see* Satellites.
- Webster, S. Dak., electrodialysis plant, feed water quality improvement, pilot study, 14773
- Webster County, W. Va., coal, preparation characteristics, 15026
- Wedges, 2-dimensional, hypersonic laminar viscous interaction effects on aerodynamics, 15153
- Weevils, boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106
- Wegwijzer U.S.A., 15411
- Weight, optimization of straight finned radiators, design procedure, 15143
- Welcome to U.S.A.:
 French edition, 15402
 Spanish edition, 15401
- Welding:
 marine engineering regulations, 14316
 nonhazardous acid etches weld samples, 15108
 submerged-arc, USSR study, 14944
- Welfare Administration:
 social welfare in changing world, place in process of development—
 French edition, 15426
 Spanish edition, 15425
- Welfare funds, welfare and pension plans disclosure act, regulations and interpretative bulletins, 14963
- Welfare work, *see* Public assistance.
- Well drilling, water, in United States, regional trends, 14750
- Wells, J., Robert, feldspar, nepheline syenite, and apite, 15005
- Wentz, William H., jr., flow fields about delta and double-delta wings at low speeds, 15040
- West, James A., mineral industry of Iraq, 15015
- West (U.S.):
 Far West, growth patterns in employment by county, 12247
 insect pests of deciduous fruits, 14130
 intermountain, fire planning, 14713
 livestock ranches, 1965, costs and returns, 14529
 Negro, social and economic conditions, 14983
- West Divide project, Interior Dept. report, 14382
- West Indies, lights and fog signals, list, change, 15237
- West North Central States, *see* Central States.
- West Virginia, census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
- Western pine beetles, *see* Beetles.
- Wetlands, *see* Swamplands.
- Wheat:
 commercial farms, Pacific Northwest, Northern and Southern Plains, 1965 costs and returns, 14530
 stored in Kansas, evaluation of 4 inert dusts for protection from insect attack, 14110
 variability of wheat yields in Great Plains, 14538
- Whelan, Ronald, relief, 14358
- Where the votes are, 14451
- White, G. D., evaluation of 4 inert dusts for protection of stored wheat in Kansas from insect attack, 14110
- White, Nora D., relief, 14334
- White clover, characteristics, genetics, diseases, etc., 14131
- White House Conference on Education, speeches, 14566
- White House Conference, To Fulfill These Rights, report, 15429
- White-winged doves, *see* Pigeons.
- Whiting, Wilhelmina F.:
 metal mining services and miscellaneous ores, census of mineral industries, 1963, industry statistics, 14261
 stone, 14262
- Whitman Mission National Historic Site, general information, 15225
- Whittlesey, Norman K., alternative land retirement programs, 14162
- Whitton, Rex M., remarks, Aug. 24, 1966, 15316
- Wickenden, Elizabeth:
 social welfare in changing world, etc.—
 French edition, 15426
 Spanish edition, 15425
- Wilderness areas:
 studies related to wilderness (series), 14747
 Sycamore Canyon primitive area, Ariz., mineral resources, 14747

Wildlife:

- conservation—
 - estuarine areas, preserve, etc., hearings, 14432
 - Hempstead-South Oyster Bay area coastal wetlands, preserve, etc., hearings, 14432
 - protection, and propagation of endangered native species, report, 14459
 - special scientific reports, wildlife series, 14676-677
 - wildlife leadet, 14680
- Wildlife refuges, refuge leaflets, 14657-672 *see also* names of refuges.
- William L. Finley National Wildlife Refuge, birds, list, 14668
- Williams, G. R., television ophthalmoscopy proceedings of NINDB workshop, 15297
- Williams, Lloyd R., magnesium compounds, 15013
- Williams, Thomas F., address, June 9, 1966, 15270
- Willis, Dawn, E., bibliography on right-of-way acquisition, 15313
- Willis, Edward A., Jr., finite-thrust escape from and capture into circular and elliptic orbits, 15194
- Wilson's snipes, *see* Snipes.
- Winard, Arno I., characteristics of families residing in poverty areas, 14272
- Wind tunnels, low-speed tests of manned flight vehicle with several different parawings of 50°-sweep, 15144
- Winding machines, precision winding of cylindrical composites with shaped glass filaments, 15038
- Winds:
 - field in central Asia and southern Kazakhstan, statistical structure, USSR study, 14877
 - steady-state wind circulation in homogeneous ocean, USSR study, 14843
- Wings (aircraft):
 - delta—
 - and double-delta flow fields at low speeds, 15040
 - hypersonic pressure and heat transfer tests, 15047
 - planform surfaces, flutter characteristics, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
 - high-aspect-ratio variable-sweep wing of supersonic transport model, pitch-up study, 15160
 - ogee wing aircraft, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
 - parawings, 50°-sweep, applied to manned flight vehicle, low-speed tests, 15144
 - triangular planform, hypersonic laminar viscous interaction effects on aerodynamics, 15153
- Winje, R. A., conceptual design study for Mars entry vehicle damper, 15042
- Wire communication, USSR all-Union scientific session devoted to radio day, 14936
- Wisconsin:
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
 - women workers, 15433
- WMO, *see* World Meteorological Organization.
- Wohabe, Abdul, relief, 14336
- Women:
 - employment, sex discrimination, laws on, 15430
 - in Armed Forces, 14204
 - why women work, 15432
- workers, Wisconsin, 15433
- Won, Chung K., relief, 14337
- Won Kan Cheung, *see* Won, Chung K.
- Won Loy Jung, *see* Jung Won Loy.
- Wong, Morton M., electrolytes for electrorefining hafnium, 15022
- Wood, *see* names of articles manufactured from wood.

Wood pulp:

- chip production and markets in Lake States, 14701
 - Lakes States, production hampered, 14702
 - Woodcocks, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
 - Work, safeguard our Nation's youth on the job (series), 14967
 - Workers, *see* Labor—Women—Youth.
 - Working with groups, guide for administration of group services in public welfare, 14588
 - Workshop on Group Services:
 - background papers—
 - French edition, 14583
 - Spanish edition, 14584
 - Workshops:
 - market development and promotion for agricultural products seminar, 14536
 - sheltered, under Fair labor standards act and Walsh-Healey public contracts act, questions and answers, 15417
 - television ophthalmoscopy proceedings, 15297
 - World Meteorological Organization, international training seminar on numerical methods of short-range weather forecasting in European countries, USSR study, 14868
 - World War, 1939-45, Chinese people's war, 20th anniversary of victory, commemoration, and national policy, etc., 14690
 - World weather records, 1951-60, Europe, 14581
 - Worms, *see* names of worms.
 - Wyoming:
 - census of manufactures, 1963, are statistics, 14253
 - Indians, general information, 14765
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
- X**
- X-rays, diffraction, power patterns, 15206
 - Xanthates, infrared spectroscopy studies of xanthate-galena system, 15021
 - XV-9A hot cycle research aircraft, *see* Aircraft.
- Y**
- Yang, Kimberly A., relief, 14350
 - Yellow birch, *see* Birch.
 - Yellow pine, *see* Pine.
 - You and your passport, 15339
 - Young, Cortland E., Jr., soil sampling small wetland forest plots in Coastal Plain, 14711
 - Youth:
 - farmworkers, injuries, 14967
 - safeguard our nation's youth on the job (series), 14967
 - unemployed, Oak Glen training camp, 14961
 - young people's use and appraisal of natural and competing fibers in wearing apparel, 14144
 - young workers, manpower report, 14964
 - Yugoslavia:
 - agricultural commodities, agreement, 15369
 - biological warfare agents, comment, 14899
 - NATO and Warsaw Pact analysis, 14812
 - Yukon River and Valley, probable maximum flood above Rampart, Alaska, meteorological conditions, 15420
- Z**
- Zero gravity:
 - pressure drop of nonwetting mercury, errata, 15134
 - pressure losses of condensing mercury in constant-diameter tube, errata, 15133
 - Zero power reactors, *see* Reactors (atomic).
 - Zirconium, minerals yearbook chapter, 15034
 - Zonal centrifuges, *see* Centrifuges.
 - ZPR-II, *see* Reactors (atomic).
 - Zuk, John, flow and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

For Use of Supt. of Docs.

----- Enclosed -----

To be mailed
later

----- Subscriptions -----

Refund.....

Coupon refund

Postage

or additional space use other side. Total, \$ _____

or PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

Name _____

Street Address _____

City, State, and ZIP Code _____

Additional space for your order

[illegible]

Do not write in space below

Total, \$

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

For Use of Supt. of Docs.

----- Enclosed -----

To be mailed
later

----- Subscriptions -----

Refund _____

Coupon refund

Postage _____

For additional space use other side.

Total, \$	
-----------	--

PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

RETURN AFTER FIVE DAYS

Name _____

Street Address

City, State, and ZIP Code

Additional space for your order

[illegible]

Do not write in space below

Total, \$-



UNITED STATES
GOVERNMENT PRINTING OFFICE

DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

OFFICIAL BUSINESS

173
35

Reference

MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

NOVEMBER 1966

Entries 15434-16914

BERNARD

THE LIBRARY OF THE

DEC 12 1966

UNIVERSITY OF ILLINOIS

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- * For sale by SUPERINTENDENT OF DOCUMENTS
- Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- ‡ Printed for Official Use
(not available for distribution)
- Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

MONTHLY CATALOG

**OF UNITED STATES
GOVERNMENT PUBLICATIONS**



NOVEMBER 1966

Number 862

Entries 15434-16914

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1966

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 50 CENTS PER COPY
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE \$4.50 PER YEAR (INCLUDING INDEX)
\$1.50 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

Basic research, applied research and development in industry, 1964. (National Science Foundation, Surveys of science resources series.) 65c ● NS 1.22: In 2/964

Bibliography of the history of medicine, no. 1, 1965. (National Library of Medicine, Public Health Service publication 1540.) \$1.75 ● FS 2.209/4: 1

Bibliography on marketing woody plants and related nursery products. (Agriculture Department, Miscellaneous publication 1039.) 20c ● A 1.38: 1039

Biological field investigative data for water pollution surveys. (Federal Water Pollution Control Administration, WP-13.) 70c ● I 67.2: B 52

Blood and the Rh factor. (Public Health Service, Publication 790, Health information series 98, revised.) 15c. ● FS 2.50: 98/2

Chart book on Governmental finances and employment, 1966. (Census Bureau, GF-7.) 35c. ● C 3.191/2: 7

College women seven years after graduation, resurvey of women graduates class of 1957. (Women's Bureau, Bulletin 292.) 40c. ● L 13.3: 292

Community care of the mentally ill. (Public Health Service, Publication 1527, Public health bibliography series 69.) 40c ● FS 2.21: 69

Concrete manual, manual for control of concrete construction. [7th edition, revised reprint.] (Reclamation Bureau.) \$3.25. ● I 27.19/2: C 74/966

Cumulated index medicus, vol. 7, 1966. (National Library of Medicine.) \$40.00. ● FS 2.208/4: 7

Directory of local health units. [Revised 1966.] (Public Health Service, Publication 118.) 30c. ● FS 2.77: 966

Effects of the March 1964 earthquake on the hydrology of the Anchorage area, Alaska. (Geological Survey, Professional paper 544-B.) 60c. ● I 19.16: 544-B

Elementary rehabilitation nursing care. (Public Health Service, Publication 1436.) 55c. ● FS 2.6/2: N 93/10

FAA air traffic activity, fiscal year 1966. (Federal Aviation Administration.) \$1.00. ● FAA 1.27: 966

Federal funds for research, development and other scientific activities, no. 15, fiscal year 1965-67. (National Science Foundation, NSF 66-25.) \$1.25. ● NS 1.18: 15

Geomorphic effects of the earthquake of March 27, 1964. (Geological Survey, Professional paper 543-B.) 30c. ● I 19.16: 543-B

Handbook for contamination control on the Apollo Program. (National Aeronautics and Space Administration, NHB 5300.3.) \$1.50. ● NAS 1.18: Ap 4/3

Handbook of psychiatric rating scales, 1950-64. (Public Health Service.) 45c. ● FS 2.22/15: P 95/2

Healthy teeth. (Public Health Service, Publication 405, Health information series 83, revised.) 15c. ● FS 2.50: 83/3

How to buy eggs by USDA grades and weight classes. [Revised 1966.] (Agriculture Department, Leaflet 442.) 5c. ● A 1.35: 442/2

Hydroelectric plant construction cost and annual production expenses 1964. (Federal Power Commission, FPC S 174.) 65c. ● FP 1.21: 174

- Indians of the Great Lakes area.** (Indian Affairs Bureau.) 15c. ●
I 20.51 : G 79
- International defense commitments of the United States.** (State Department, Publication 8139, General foreign policy series 215.) 5c. ● S 1.71 : 215
- Language ability, grades seven, eight, and nine.** (Education Office, OE-30018.) 50c. ● [1966 edition.] FS 5.230 : 30018
- Library and reference facilities in the area of the District of Columbia.** (Library of Congress.) \$1.00. ● LC 29.2 : L 61/966
- List of lights and other marine aids, vol. 1, Atlantic Coast.** [1966 edition.] (Coast Guard, CG-158.) \$3.00. ● T 47.52 : v.1/966
- National Aeronautics and Space Administration 14th semiannual report to Congress, July 1, 1965-Dec. 31, 1965.** (National Aeronautics and Space Administration.) \$1.25 ● NAS 1.1 : 965-2
- National income and product income of U.S., 1929-65.** (Business Economics Office, Supplement to survey of current business.) \$1.00. ● C 43.8/3 : In 2/4/929-65
- Photographer's mate 3 & 2.** (Naval Personnel Bureau, Navy training courses, NavPers 10355.) \$3.75. ● D 208.11 : P 56/6
- Planting black walnut for timber.** (Agriculture Department, Leaflet 487, revised.) 5c. ● A 1.35 : 487/2
- Reclamation project data, supplement.** (Reclamation Bureau.) \$2.00. ● I 27.2 : P 94/13/961/supp.
- Register of retired commissioned and warrant officers, regular and reserve, of the Navy and Marine Corps, July 1, 1966.** (Naval Personnel Bureau, NavPers 15939.) \$3.00. ● D 208.12/3 : 966
- Renegotiation act of 1951 as amended through June 30, 1966.** (Renegotiation Board.) 15c. ● RnB 1.5 : R 29/966
- Report of the U.S. delegation to the International Conference for the Eighth Revision of the International Classification of Diseases.** (Public Health Service, Publication 1000, Vital and health statistics series 4, no. 6.) 50c. ● FS 2.85/2 : 4/no. 6
- Shell egg grading and inspection of egg products.** (Agriculture Department, Marketing bulletin 30, revised.) 15c. ● A 1.95 : 30/2
- Sources of fertilizer minerals in South America.** (Geological Survey, Bulletin 1240.) 60c. ● I 19.3 1240
- Summer jobs in Federal agencies.** [Revised Nov. 1966.] (Civil Service Commission, Pamphlet 68.) 15c. ● CS 1.48 : 68/2
- Theory of liquids.** (Interior Department, Research and development progress report 210.) 25c. ● I 1.88 : 210
- Unit labor cost in manufacturing trends in nine countries, 1950-65.** (Labor Statistics Bureau, Bulletin 1518.) 30c. ● L 2.3 : 1518
- United States immigration laws, general information.** [Revised 1966.] (Immigration and Naturalization Service.) 15c. ● J 21.5/2 : Im 6/966
- Your federal income tax.** [1967 edition.] (Internal Revenue Service, Publication 17.) 50c. ● T 22.44 : 967

Contents

	Page
Previews -----	III
Abbreviations, Explanation-----	VI
General Information-----	VII
How To Order Publications-----	VIII
New Classification Numbers-----	IX
Corrections for Previous Monthly Catalogs-----	X
Classified List of Government Authors--	XI
Monthly Catalog-----	1
Index-----	85

Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
amdt., amdts-----	amendment, amendments.	n. p.-----	no place.
app-----	appendix, appendixes.	no., nos-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plates.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent resolution.
H. Con. Res-----	House concurrent resolution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive document.
H. ex. doc-----	House executive document.	S. ex. rp-----	Senate executive report.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H.R-----	House of Representatives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustrations.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	table, tables.
m-----	mile.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceeding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information, are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5c that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

	Soil Conservation Service.
A 57.47: -51: Reserved	
A 57.52: nos-----	Soil survey investigations reports. Consumer and Marketing Service.
A 88.14/12: date-----	Dairy plants surveyed and approved for USDA grading service (semiannual). Statistical Reporting Service.
A 92.36: Reserved	
A 92.37: date-----	Consumption of commercial fertilizers and pri- mary plant nutrients in United States (annual). NOTE.—Designated SpCr 7.
	Census Bureau.
C 3.230/2: letters-nos-----	Enterprise statistics, preliminary reports. Defense Department.
D 1.39: Reserved	
D 1.40: CT-----	Country law studies.
D 7.6/10-2: nos-----	DSA-DLSC manuals. NOTE.—Issued by Defense Logistics Services Center, Battle Creek, Mich.
	Public Health Service.
FS 2.22/56: -FS 2.22/57: Reserved	
FS 2.22/58: CT-----	National Institutes of Health: Addresses. Welfare Administration.
FS 14.17/3: CT-----	Legal series.
	Federal Supply Service.
GS 2.10/6: pt.nos./date-----	GSA stock catalog. NOTES.—See, for earlier classes, GS 2.10/2:; GS 2.10/2-2: and GS 2.10/4: (date).
	Mines Bureau.
I 28.112: date-----	Explosives, annual.
	Federal Water Pollution Control Administration.
I 67.11: date-----	Sewage and water works construction (annual). NOTE.—See, for earlier class, FS 2.56/2: (date).
	Women's Bureau.
L 13.6/4: date-----	Marriage laws (annual). NOTE.—See, for earlier class, I 13.2: M34/ (date).
L 13.6/5: date-----	Divorce laws (annual). NOTE.—See, for earlier class, L 13.2: D64/ (date).
	National Aeronautics and Space Administration.
NAS 1.33: date-----	Space science and applications program (annual).
	Economic Opportunity Office.
PrEx 10.16: v.nos.& nos-----	Advisory, monthly newsletter from Office of National Councils and Organizations to ad- visory councils.
	International Development Agency.
S 18.35/3: CT-----	Catalog of investment information opportuni- ties index, supplements.
	Smithsonian Institution.
SI 1.22: nos-----	Publications in salvage archeology.

Corrections for Previous Monthly Catalogs

- Aug. 1958. Entry 10061, Productivity reports. Correct class to read L 2.34/2 P94/3.
- Aug. 1962. Entry 15626, Inadequate rental rates charged for Government quarters furnished to civilian employees of military departments in Alaska. Correct class to read GA 1.13: R 29/11.
- Sept. 1964. Entry 16927, Women in poverty. Correct class to read L 13.2: P86.
- May 1966. Entry 7991, Division of Indian Health, general practice residency program. Correct Item number to read 485.
- July 1966. Entry 10367, Alaska Highway study report. Correct class to read Y 4.P96/10:A1 1/5.
- Aug. 1966. Entry 11478, Quarterly tax reports GT-5. Correct class to read C 3.145/6: 5.
- Entry 12545, Annual report of Secretary of Treasury on state of finances fiscal year 1965. Add following price ● Item 923.
- Sept. 1966. Entries 12592-12596, Agriculture handbooks. Correct class to read A 1.76:(nos.).
- Entry 12731, Working paper, 24, Self-enumeration as method for 1970 census of housing. Correct price statement to read † Paper, 25c.
- Entry 14003, Vital statistics of United States, 1964, v. 2, Mortality, pt. B. Correct class to read FS 2.112: 964/v.2/pt.B.

Classified List of Government Authors

	Beginning Entry
Agriculture Department.....	15540
Agricultural Research Service.....	15434
Agricultural Stabilization and Conservation Service.....	15439
Consumer and Marketing Service.....	16199
Economic Research Service.....	16224
Farmer Cooperative Service.....	16254
Foreign Agricultural Service.....	16319
Forest Service.....	16320
Rural Electrification Administration.....	16818
Soil Conservation Service.....	16834
Statistical Reporting Service.....	16869
Appalachian Regional Commission.....	15499
Atomic Energy Commission.....	15526
Civil Aeronautics Board.....	15611
Civil Service Commission.....	15626
Commerce Department.....	15639
Business and Defense Services Administration.....	15562
Census Bureau.....	15563
Economic Development Administration.....	16216
Environmental Science Service Administration	
Coast and Geodetic Survey.....	15636
Weather Bureau.....	16900
Maritime Administration.....	16549
National Bureau of Standards.....	16713
Public Roads Bureau.....	16813
Congress.....	15661
Atomic Energy Joint Committee.....	15778
Economic Joint Committee.....	15779
House of Representatives.....	15780
Agriculture Committee.....	15951
Appropriations Committee.....	15955
Armed Services Committee.....	15961
Banking and Currency Committee.....	15963
District of Columbia Committee.....	15965
Education and Labor Committee.....	15966
Foreign Affairs Committee.....	15967
Government Operations Committee.....	15970
Interior and Insular Affairs Committee.....	15975
Interstate and Foreign Commerce Committee.....	15976
Judiciary Committee.....	15983
Merchant Marine and Fisheries Committee.....	15984
Post Office and Civil Service Committee.....	15985
Public Works Committee.....	15987
Science and Astronautics Committee.....	15989
Small Business, Select Committee on.....	15990
Un-American Activities Committee.....	15994
Ways and Means Committee.....	15996

	Beginning entry
Congress—Continued	
Printing Joint Committee.....	15998
Senate	15999
Agriculture and Forestry Committee.....	16168
Appropriations Committee.....	16170
Armed Services Committee.....	16174
Banking and Currency Committee.....	16177
Commerce Committee.....	16180
Finance Committee.....	16181
Foreign Relations Committee.....	16186
Government Operations Committee.....	16187
Interior and Insular Affairs Committee.....	16189
Judiciary Committee.....	16190
Labor and Public Welfare Committee.....	16192
Post Office and Civil Service Committee.....	16197
Standards and Conduct, Select Committee on.....	16198
Court of Customs and Patent Appeals.....	16204
Defense Department.....	16206
Air Force Department.....	15481
Armed Forces Information and Education.....	15502
Army Department.....	15504
Civil Defense Office.....	15619
Engineers Corps.....	16249
Lake Survey.....	16543
Joint Chiefs of Staff.....	16387
Navy Department.....	16772
Marine Corps.....	16547
Naval Operations Office.....	16749
Naval Oceanographic Office.....	16744
Naval Personnel Bureau.....	16750
Naval Research Office.....	16753
Federal Aviation Agency.....	16255
Airports Service.....	15496
Aviation Medicine Office.....	15553
Flight Standards Service.....	16317
Federal Power Commission.....	16274
Federal Reserve System Board of Governors.....	16278
General Accounting Office.....	16340
General Services Administration.....	16352
Federal Supply Service.....	16288
National Archives and Records Service	
Federal Register Office.....	16277
Government Printing Office	
Public Documents Division.....	16785
Health, Education, and Welfare Department.....	16365
Education Office.....	16225
Food and Drug Administration.....	16318
Public Health Service.....	16790
Social Security Administration.....	16829
Vocational Rehabilitation Administration.....	16896
Welfare Administration.....	16902
Family Services Bureau.....	16253

	Beginning entry
Housing and Urban Development Department	
Federal Housing Administration.....	16271
Interior Department.....	16370
Coal Research Office.....	15635
Federal Water Pollution Control Administration.....	16291
Fish and Wildlife Service.....	16293
Geographic Names Board.....	16354
Geological Survey.....	16355
Indian Affairs Bureau.....	16368
Mines Bureau.....	16552
National Park Service.....	16736
Outdoor Recreation Bureau.....	16773
Reclamation Bureau.....	16816
Interstate Commerce Commission.....	16385
Joint Publications Research Service.....	16390-1
Justice Department	
Immigration and Naturalization Service.....	16367
Labor Department.....	16511
International Labor Affairs Bureau.....	16384
Labor Standards Bureau.....	16517
Labor Statistics Bureau.....	16527
Manpower Administration	
Apprenticeship and Training Bureau.....	15500
Employment Security Bureau.....	16244
Wage and Hour and Public Contracts Divisions.....	16897
Women's Bureau.....	16907
Library of Congress.....	16544
Missouri Basin Inter-Agency Committee.....	16588
National Aeronautics and Space Administration.....	16589
National Commission on Food Marketing.....	16721
National Labor Relations Board.....	16734
National Railroad Adjustment Board.....	16739
National Science Foundation.....	16740
Post Office Department.....	16775
President of United States	
Executive Office of the President	
Budget Bureau.....	15560
Economic Opportunity Office.....	16219
Small Business Administration.....	16819
Smithsonian Institution.....	16824
American Ethnology Bureau.....	15498
National Museum.....	16735
State Department.....	16843
International Development Agency.....	16383
Subversive Activities Control Board.....	16874
Tariff Commission.....	16875
Treasury Department.....	16876
Customs Bureau.....	16205
Internal Revenue Service.....	16380
United States Information Agency.....	16892
Veterans' Administration.....	16894

Monthly Catalog

NO. 862 • NOVEMBER 1966

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

ARS (series). †

- 15434 52-15. Unloading boxcars of grain at terminal elevators in hard winter wheat area; [by Albert H. Graves and Dean W. Winter]. Aug. 1966. 26 p. il. 4° (Agricultural Research Service; [Transportation and Facilities Research Division].) [Prepared in cooperation with Kansas Agricultural Experiment Station.]
L.C. card Agr 66-337 A 77.15:52-15

Conservation research report. • Item 25-D

- 15435 8. Hydrology, conservation, and management of runoff water in playas on southern High Plains [with list of literature cited; by Victor L. Hauser]. [Aug. 1966.] [2]+26 p. il. [Prepared in cooperation with Texas Agricultural Experiment Station.] * Paper, 15c.
L.C. card Agr. 66-320 A 77.23:8

- 15436 Evaluation of antibiotics for control of Comandra rust on lodgepole pine [with list of literature cited; by] J. W. Koenigs. [1966.] p. 528-531, il. 4° [From Plant disease reporter, v. 50, no. 7, July 1966.] †
A 77.511/a:An 87

- 15437 Publications and patents, Eastern Utilization Research and Development Division, publication nos. 2351-2453, Jan.-June 1966. [July 1966.] 31 p. 4° †
A 77.17/4:966

USDA consumer expenditure survey report. • Item 26-B

- 15438 31. Consumer expenditures and income, rural farm population, northeastern region, 1961, detailed tabulations (table 29). [July 1966.] cover title, ii+94 p. 4° [Statistical reports from Survey of consumer expenditures with CES and BLS numbers inside back cover.] * Paper, 50c.
A 77.22:31

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, D.C. 20250

- 15439 ASCS aerial photography status maps, as of June 30, 1966. [1966.] cover title, [102] p. il. 4° (Aerial Photography Division.) [Issued with perforations.] †
A 82.2: Ae 8/966

AGRICULTURE DEPARTMENT Washington, D.C. 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

Agriculture handbook. • Item 3

- 15440 302. Soybean diseases; [by J. M. Dunleavy, D. W. Chamberlain, and J. P. Ross]. [July 1966.] ii+38 p. il. (Agricultural Research Service.) [Supercedes Circular 931, Diseases of soybeans. Some illustrations are colored.] * Paper, 30c.
L.C. card Agr 66-288 A 1.76:302

Agriculture information bulletin. • Item 4

- 15441 314. Balance sheet of Agriculture 1966; [prepared by Philip T. Allen and others]. [Sept. 1966.] [3]+27 p. il. 4° (Economic Research Service.) * Paper, 20c.
L.C. card Agr 45-296 A 1.75:314

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 1

GOVERNMENT PUBLICATIONS

Farmers' bulletins. ● Item 9 A 1.9: (nos.)

- 15442 2124. Liming soils, aid to better farming: [by Colin W. Whittaker, M. S. Anderson, and R. F. Reitemeier]. [June 1959, slightly revised July 1966.] [1966.] 32 p. il. ([Soil and Water Conservation Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 2032. Liming soils for better farming.] * Paper, 15c.
- 15443 2140. Strawberry diseases: [by John R. McGrew]. [Revised July 1966.] [1966.] 28 p. il. ([Crops Research Division, Agricultural Research Division.]) * Paper, 15c.
- 15444 2216. Culling hens: [prepared by Animal Husbandry Research Division, Agricultural Research Service.]. [June 1966.] ii+10 p. il. [Supersedes Leaflet 465, Culling hens, way to increase egg profits.] * Paper, 20c. L.C. card Agr. 66-310

Home and garden bulletin. ● Item 11

- 15445 116. Growing vegetables in Appalachian region. [July 1966, slightly revised Oct. 1966.] [1966.] ii+22 p. il. [Information from publications of Crops Research Division, Agricultural Research Service, and from consultation with county agricultural agents and staff members of State agencies of Appalachian region.] * Paper, 15c. A 1.77: 116/2

Leaflets. ● Item 12 A 1.35: (nos.)

- 15446 538. Dairy goat for home milk production: [prepared by Animal Husbandry Research Division, Agricultural Research Service.]. [July 1966, slightly revised Oct. 1966.] [1966.] 8 p. il. †
- 15447 543. Appalachian hillside pasture. [July 1966, slightly revised Oct. 1966.] [1966.] 4 p. narrow 8° [Prepared from information supplied by Crops Research Division, Agricultural Research Service.] * Paper, 5c. L.C. card Agr 66-343

Marketing research reports. ● Item 13-B A 1.82: (nos.)

- 15448 755. Hog slaughtering and dressing systems: [by Donald R. Hammons]. [Sept. 1966.] [2]+24 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with Oklahoma Agricultural Experiment Station.] * Paper, 20c. L.C. card Agr 66-333
- 15449 765. Homemakers' use of and opinions about selected fruits and fruit products: [by L. Yvonne Clayton]. [Aug. 1966.] cover title, ii-iv+78 p. il. 4° (Statistical Reporting Service.) † L.C. card Agr 66-334

Miscellaneous publications. ● Item 13-A A 1.38: (nos.)

- 15450 856. Food costs, retail prices, farm prices, marketing spreads. [Revised Sept. 1966.] [1966.] 16 p. il. (Economic Research Service.) * Paper, 10c.
- 15451 959. Consumer's guide to USDA services [with lists of more information]. [Mar. 1964, revised June 1966.] [1966.] cover title, 48 p. il. [Text on p. 2 and 3 of cover.] * Paper, 20c.
- 15452 1020. House-framing system for low-cost construction: [by Jerry O. Newman]. [Aug. 1966.] 18 p. il. 4° (Agricultural Research Service.) * Paper, 15c. L.C. card Agr 66-335
- 15453 1023. Circular concrete manure tank. July 1966. [2] p. il. 4° (Cooperative farm building plan exchange: plan 5984.) * Paper, 5c.
- 15454 1029. Saddle horse barn. Aug. 1966. [2] p. il. 4° (Cooperative farm building plan exchange: plan 5994.) * Paper, 5c.
- 15455 1032. Roadside stand. Sept. 1966. [2] p. il. 4° (Cooperative farm building plan exchange: plan 5983.) * Paper, 5c.
- 15456 1035. Cattle dipping vat & inspection facility. Sept. 1966. [2] p. il. 4° (Cooperative farm building plan exchange: plan 5940.) * Paper, 5c.

PA [program aid] (series). ● Item 14-A A 1.68: (nos.)

- 15457 744. What food means to people, guide for program aides in home economics. Aug. 1966. [2] p. 4° (Division of Home Economics, Federal Extension Service.) †
- 15458 745. Bread and cereals, golden nuggets, guide for program aides in home economics. Aug. 1966. [2] p. 4° (Division of Home Economics, Federal Extension Services.) †
- 15459 750. School lunches, billion-dollar market for food. [Oct. 1966.] [2]+8+[2] p. il. (Consumer and Marketing Service.) [Last page of text appears on p. 3 of cover.] * Paper, 10c.
- 15460 781. Department of Agriculture's role in resource conservation. Oct. 1966. 16 p. il. (Office of Information.) * Paper, 10c. L.C. card Agr 66-344

Picture stories. † A 1.100: (nos.)

- 15461 161. Food for peace from people of United States. Jan. 1964. [6] p. il. 4° (Office of Information.)
- 15462 168. Behind pesticide label. July 1964. [8] p. il. 4° (Agricultural Research Service.)
- 15463 171. How much is she worth? Sept. 1964. [4] p. il. 4° (Agricultural Marketing Service.)
- 15464 172. First line of defense against screwworm invasion. Jan. 1965. [4] p. il. 4° (Agricultural Research Service.)
- 15465 176. Market news by wireless. Feb. 1965. [4] p. il. 4° (Office of Information.)

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15466 177. Expanding Food stamp program. Mar. 1965. [8] p. il. 4° (Consumer and Marketing Service.)
- 15467 180. Teamwork on Delta. ARS scientists study impact of pesticides on environment. Mar. 1965. [12] p. il. 4° (Agricultural Research Service.)
- 15468 181. After 30 years soil & water conservation needs broaden. Apr. 1965. [4] p. il. 4° (Soil Conservation Service.)
- 15469 183. Beautifying America begins at home. May 1965. [6] p. il. 4° (Agricultural Research Service.)
- 15470 186. Food in time of need. USDA's commodity distribution program. July 1965. [6] p. il. 4° (Consumer and Marketing Service.)
- 15471 188. Battle of the bush. Oct. 1965. [6] p. il. 4° (Agricultural Research Service.)
- 15472 189. Arming against gypsy moth. Oct. 1965. [6] p. il. 4° (Agricultural Research Service.)
- 15473 193. Crop and livestock reporting. 1st century. July 1966. [6] p. il. 4° (Statistical Reporting Service.)
- 15474 195. Grasshopper control on rangeland, hitting the hot spots. June 1966. [8] p. il. 4° (Agricultural Research Service.)
- 15475 196. Khapra beetle, foreign menace. June 1966. [4] p. il. 4° (Agricultural Research Service.)
- 15476 199. Windowsill greenhouse. Nov. 1965. [4] p. il. 4° (Agricultural Research Service.)

Production research report.

- 15477 92. Pneumatic conveyor for distributing farm feed [with list of selected references; by H. B. Puckett and H. H. Klueter]. [Aug. 1966.] [2]+14 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with Illinois Agricultural Experiment Station.] *Paper, 15c. ● Item 13-C
L.C. card Agr 66-336 A 1.84: 92

Statistical bulletins. † ● Item 15 A 1.34: (nos.)

- 15478 363. Supplement for 1965 to wool statistics and related data, 1920-64, supplement for 1965 to statistical bulletin 363: [compiled by Mildred V. Jones]. Aug. 1966. [6]+130 p. 4° (Economic Research Service.)
L.C. card 65-62520
- 15479 364. U.S. food consumption, sources of data and trends, 1909-63, supplement for 1965. [1966.] 32 p. il. 4° (Economic Research Service.) [Supersedes Supplement for 1964.]
L.C. card Agr 65-401

- 15480 Symposium on research in agriculture, Feb. 23-25, 1966, Warrenton, Va. Aug. 1966. iv+112 p. il. 4° (Agricultural Research Service.) [Sponsored jointly by Department of Agriculture and National Academy of Sciences.] † ● Item 10
L.C. card Agr 66-331 A 1.2: R 31/4

AIR FORCE DEPARTMENT, Defense Dept. Washington, D.C. 20330

Aerospace Medical Division: Technical report AMD-TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.)

- 15481 66-2. Aerospace medicine considerations in manrating space environment simulators [with list of references; by] Paul W. Musgrave, Donald I. Carter. June 1966. cover title, iii+7+[2] p. il. 4° (Office of Deputy for Research and Development.) ‡ D 301.45/52: 66-2

Air Force manual AFM (series). ● Item 421

- 15482 50-23. Guide for planning and conducting on-the-job training. [Aug. 1, 1966.] cover title, iii+[68] p. il. 4° ([Air Training Command.]) [Includes list of Air Force publications and films pertaining to OJT and/or airman career program. Issued with perforations. Supersedes AFM 50-23, May 1, 1964.] ‡ D 301.7: 50-23/3
L.C. card 66-62681
- 15483 78-30. See Defense Department, Defense Supply Agency handbook DSAH 4215.21.
- 15484 78-40. See Defense Department, Defense Supply Agency handbook DSAH 4215.26.

Air Force pamphlet AFP (series). ● Item 421-A

- 15485 40-2-3. Civilian careers, scientists, engineers, technicians, administrators, Department of Air Force. [1966.] 19 p. il. narrow 8° [Supersedes AFP 4-2-3, Sept. 1, 1964.] ‡ D 301.35: 40-2-3/3
- 15486 190-4-14. See Armed Forces Information and Education, Pocket guide to Caribbean.

Personnel Research Laboratory: Technical report PRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) ‡ D 301.45/27: (nos.)

- 15487 66-5. Development of officer selection and classification tests, 1966 [with list of references]; by Robert E. Miller. June 1966. vi+12+[2] p. 4° ([Project 7717, task 771706.])

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 3

GOVERNMENT PUBLICATIONS

Personnel Research Laboratory—Continued

- 15488 66-7. Comparison of airman qualifying examination with differential aptitude tests [with list of references]; by Howard L. Madden, Lonnie D. Valentine, Jr., Ernest C. Tupes. July 1966. vi+15+[2] p. 4° ([Project 7719, task 771906.])

School of Aerospace Medical Medicine: Technical report SAM-TR (series).
(Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡
D 301.26/13-6; (nos.)

- 15489 66-55. Expanded test for speech discrimination utilizing CNC monosyllabic words. Northwestern University auditory test no. 6 [with list of references; by] Tom W. Tillman, Raymond Carhart. June 1966. cover title, iii+12+[2] p. il. 4° ([Prepared in Auditory Research Laboratory of Northwestern University under contract AF 41 (609)-2643 and task 775508.])
- 15490 66-62. Exploratory study of factors affecting air crew morale [with bibliography; by] Bryce O. Hartman, George K. Cantrell, Lewis S. Sims. July 1966. cover title, iii+9+[2] p. 4° ([Prepared in Biodynamics Branch under task 793003.])
- 15491 66-64. Monaural versus binaural discrimination for filtered CNC materials, impaired auditory mechanism [with list of references; by] Tom W. Tillman, Paul C. Bney, Raymond Carhart. July 1966. cover title, iii+9+[2] p. il. 4° ([Prepared in Auditory Research Laboratory of Northwestern University under contract AF 41(609)-2643 and task 775508.])
- 15492 66-65. Experimental investigations with electrical stimulation of oculomotor nucleus, effects of stimulus frequency [with list of references; by] Donald G. Pitts. July 1966. cover title, iii+12+[2] p. il. 4° ([Prepared in Ophthalmology Branch under task 775509.])
- 15493 66-66. Periodontal status of incoming Air Force Academy cadets [with list of references; by] Lee M. Lightner [and others]. Aug. 1966. cover title, iii+8+[2] p. il. 4° ([Prepared in Dental Sciences Division under task 775303.])
- 15494 66-69. Chemical protection against radiation damage to immune response in mouse spleen cells in vitro [with list of references; by] George Kollman, Herman Friedman, Bernard Shapiro. Aug. 1966. cover title, iii+8+[2] p. il. 4° ([Contract AF 41(609)-2637, task 775703.])
- 15495 66-75. Evaluation of aortic blood velocity computed from pressure pulse [with list of references; by] John D. Boyett et al. Aug. 1966. cover title, iii+6+[2] p. il. 4° ([Prepared in support of task 630207 by Physiological Chemistry Section and Biometrics Branch.])

AIRPORTS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 15496 Approved airport lighting equipment: [effective Aug. 9, 1966]. Aug. 1966. cover title, [1]+iii+45+[12] p. 4° ([Advisory circular] AC 150/5345-1A.) [Issued with perforations. Cancels AC 150/5345-1, Aug. 15, 1963 and all changes.] †
FAA 8.8: L 62
- 15497 Installation details for centerline and touchdown zone lighting systems [with bibliography; effective Aug. 4, 1966]. Aug. 1966. cover title, 2+i+15+[13] p. il. 4° ([Advisory circular] AC 150/5340-4A.) [Issued with perforations. Cancels AC 150/5340-4. Installation details for in-runway lighting, Jan. 27, 1964, and Change 1, Apr. 23, 1964.] †
FAA 8.8: L 62/2

AMERICAN ETHNOLOGY BUREAU, Smithsonian Institution Washington, D.C. 20560

Bulletin

- 15498 197. Analysis of sources of information on population of Navaho [with bibliography]; by Denis Foster Johnston. 1966. v+220 p. il. map. [Also issued as H. doc. 235, 89th Cong., 1st sess.] * Cloth, \$2.00. ● Item 913
L.C. card 66-62746 SI 2.3: 197

APPALACHIAN REGIONAL COMMISSION 1666 Connecticut Avenue, N.W., Washington, D.C. 20009

NOTE.—The Appalachian Regional Commission was established by Public law 4, 89th Congress, approved Mar. 9, 1965.

- 15499 Report of Health Advisory Committee to Appalachian Regional Commission, Mar. 1966. [1966.] [1]+xv+48+A-79+B-237 p. il. 4° [Title on cover is: Health Advisory Committee report.] † ● Item 1052-A
L.C. card 66-62769 Y 3.Ap 4/2: 2 H 34

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

**APPRENTICESHIP AND TRAINING BUREAU, Labor Dept.
Washington, D.C. 20210**

- 15500 National apprenticeship program. 1966 edition. [1966.] cover title. 31 p. il. [Text on p. 2 of cover.] † ● Item 748
L.C. card 43-51810 L 23.2: Ap 6/966
- 15501 National bricklaying apprenticeship program and standards, prepared and approved by National Joint Bricklaying Apprenticeship Committee, representing Associated General Contractors of America, Inc., Mason Contractors' Association of America and Bricklayers, Masons and Plasterers, International Union of America, in accordance with recommended fundamentals of Federal Committee on Apprenticeship. 1966 edition. [1966.] cover title. viii+32 p. [Illustrations on p. 1 and 2 of cover.] † ● Item 748
L.C. card L 54-162 L 23.2: B 76/966

**ARMED FORCES INFORMATION AND EDUCATION, Defense Dept.
Washington, D.C. 20301**

DOD pamphlet.

- 15502 7-12. Correspondence courses offered by colleges and universities through United States Armed Forces Institute [revised 1966] for fiscal year 1967: Change 1. Sept. 15, 1966. 21 p. 4° (RM 204.14.) [Changes received through Sept. 15, 1966.] †
L.C. card 56-63989 D 2.14: 7-12/4/ch. 1
- 15503 Pocket guide to Caribbean [with list of suggested reading]. [1966.] vi+78 p. il. small 4° ([DoD PG-22, DA Pam 360-412, NAVPERS 15213, AFP 190-4-14, NAVMC 2611.]) * Paper. 35c. ● Item 314 & 312-A
D 2.8: C 19

**ARMY DEPARTMENT, Defense Dept.
Washington, D.C. 20310**

Army regulations AR (series). [Issued with perforations.]

- 15504 700-51. Logistics: Improved management and determination of requirements for procurement of technical data and information. Aug. 1966. cover title, [1987] p. il. 4° * Paper, \$4.75. ● Item 323
D 101.9: 700-51/3
- Cold Regions Research & Engineering Laboratory, Hanover, N.H.: Research reports. (Army Materiel Command.) † D 103.33/3: (nos.)**
- 15505 175. Conductivity changes produced in ice by optical irradiation 0.8 to 2.7 μ [with list of literature cited]; by P. R. Camp and D. L. Spears. Aug. 1966. vi+27+[2] p. il. 4° (DA task IV014501B52A02.)
- 15506 188. Soils of Okpilak River region, Alaska [with list of literature cited]; by Jerry Brown. May 1966. vi+49+[2] p. il. 4° (DA task IV014501B52A02.)
- 15507 189. Temperature dependence and mechanism of sintering [with list of literature cited]; by Rene O. Ramseier and Gary W. Sander. July 1966. iv+16+[2] p. il. 4° (DA task IV014501B52A02.)
- 15508 190. Verification proposed equation for calculation of forces on sphere accelerating in viscous fluid [with list of literature cited]; by Fuat Odar. July 1966. iv+20+[2] p. il. 4° (DA task IV014501B52A02.)
- 15509 191. Seismic survey, northwest Greenland, 1964 [with list of literature cited]; by Garry K. C. Clarke. July 1966. iv+19+[2] p. il. 4° (DA task IV014501B52A02.)
- 15510 196. Time dependent deflection of floating ice sheet [with list of literature cited]; by Donald E. Nevel. July 1966. iv+9+[2] p. il. 4° ([DA task IV025001A13001.])

Pamphlets.

- 15511 360-412. See Armed Forces Information and Education, Pocket guide to Caribbean.
- 15512 608-2 Army personal affairs handbook. June 1966. cover title, 146 p. il. [Issued with perforations. Supersedes DA Pam 608-2, Mar. 1, 1961.] † ● Item 327
L.C. card 66-62378 D 101.22: 608-2/3
- 15513 715-50-57. Procurement legal service, Aug. 5, 1966. 11 p. 4° [Issued with perforations.] * Paper, 5c. ● Item 327 D 101.22: 715-50-57

Technical bulletin TB (series).

- 15514 AG-4. Copying equipment. Change 1. July 29, 1966. [18] p. 4° [Issued in looseleaf form.] * Paper, 15c
D 101.25: AG 4/ch. 1

GOVERNMENT PUBLICATIONS

Technical manual TM (series). ‡

D 101.11: (nos.)

- 15515 5-315. Firefighting (structures, aircraft, petroleum, and nuclear material) and rescue operations in theaters of operations, Change 1. July 19, 1966. 2 p. 4° [Issued with perforations.] ● Item 329
- 15516 5-803-3. Installations planning: Site planning, general [with list of references]. July 1966. cover title, 20 p. il. 4° [Issued in looseleaf form. Supersedes TM 5-803-3 (formerly designated Corps of Engineers manual EM 210-3-3), Mar. 1, 1962, including Change 1, Feb. 28, 1966.] ● Item 329
- 15517 10-500. Airdrop of supplies and equipment, General [Change] 2; Aug. 1966. [15] p. il. 4° ([Air Force Dept., Technical order TO 13C7-1-5, Change 2]) [Issued in looseleaf form.] ● Item 329
- 15518 10-500-87. Same: Rigging M28 and M29 weapon systems [with list of references]. Aug. 1966. cover title, 108+[1] p. il. 4° (Air Force Dept.; Technical order TO 13C7-47-1.) [Issued in looseleaf form. Supersedes TM 10-500-87/TO 13C7-47-1, Oct. 2, 1964, including C 1, Aug. 4, 1965.] ‡ ● Item 329 D 101.11: 10-500-87
- 15519 11-2557-26. See Federal Aviation Agency FAA handbook S260.3.
- 15520 55-503. Marine salvage and hull repair [with list of references]. July 1966. cover title, 454 p. il. 4° ● Item 329 L.C. card 66-62784
- 15521 55-600. Transportation services at continental United States (CONUS) installations, Change 1. Sept. 8, 1966. 1 p. 4° [Issued with perforations.] ● Item 329
- 15522 66-57. On interaction of 2-dimensional jet with parallel flow [with list of references]; by Robert C. Ackenberg, Alexander Pal. Aug. 1966. [1]+viii+44+[2] p. il. 4° (Task 1P125901A14203, contract DA 44-177-AMC-91(T); PIBAL report 889.) [Prepared by Polytechnic Institute of Brooklyn, Department of Aerospace Engineering and Applied Mechanics, Brooklyn, N.Y.]
- 15523 66-59. Nonseparable solutions of Helmholtz wave equation examined for applications, final report [with bibliography]; by Donald S. Moseley, James M. Render. July 1966. [1]+xi+50 [2] p. il. 4° (Task 1P125901A14227, contract DA 44-177-AMC-342(T); Vitro technical report 01944.01-1.) [Prepared by Silver Spring Laboratory, Vitro Laboratories Division, Vitro Corporation of America, Silver Spring, Md.]

USAPRO technical research reports. (Army Personnel Research Office.)

D 101.60/2: (nos.)

- 15524 1144. Methods for improving enlisted input, current research activities [with selected bibliography]; by A. G. Bayroff. Feb. 1966. [7]+18 p. 4° (Military Selection Research Laboratory; Army project 2J024701A722, input quality.) Φ (Price upon application, AD 633410.)
- 15525 1146. Research on selection of officer candidates and cadets [with list of literature cited]; by Leo J. Kotula and Helen R. Haggerty. May 1966. cover title, [7]+26 p. 4° (Behavioral Evaluation Research Laboratory; Army project 2J024701A722, cadet leaders-00.) Φ (Price upon application, AD 634314.)

ATOMIC ENERGY COMMISSION

Washington, D.C. 20545

AEC research and development reports.

Y 3.A7 7: 22/(letters-nos.)

- 15526 AEC-tr-6602. Radiobiology, translation of. v. 5, no. 5, 1965, of Radiobiologiya [articles, with bibliographies; chief editor, A. M. Kuzin]. [May 1966.] cover title, [2]+a-c+233 p. il. 4° (Translation series.) [Translated from publication of Publishing House of Academy of Sciences, USSR, 1965.] Φ Paper, \$6.00.
- 15527 CEX-59. 7B (pt. 1). Experimental radiation measurements in conventional structures: pt. 1, Radiation measurements in two two-story and three one-story typical residential structures before and after modification [with lists of references: by] Z. G. Burson. July 1966. cover title, iii-xiv+113 p. il. 4° (Civil effects study, Civil Effects Test Operations; [Edgerton, Germeshausen & Grier, Inc., Las Vegas, Nev.]) [Architectural plan and section drawings of structures by Phillip Huff, project officer, Holmes & Narver, Inc.] Φ Paper, \$1.50.

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15528 CONF-660303. Conference on neutron cross section technology. Mar. 22-24, 1966, Washington, D.C. [sponsored by Atomic Energy Commission, American Physical Society, National Bureau of Standards, American Nuclear Society, Technical Group for Reactor Physics, proceedings with bibliographies; edited by P. B. Hemmig.] [1966] 4 Paper. \$11.25 per set of 2 books.
bk. 1, xxvi+1-553 p. il. 4.
bk. 2, xvii+[1]-557-1097 p. il. 4.
- 15529 C00-578-3-32. Radiation synthesis involving halogen compounds. final report. May 1, 1960-Oct. 31, 1965; [with list of references]; by Paul Y. Feng. May 5, 1966. cover title, vi+70 p. il. 4. (IIT Research Institute, Chicago, Ill.; [contract AT(11-1)-578, IITRI project U6026].) 4 Paper. \$3.00.
- 15530 EURAEC-1464. Hydrodynamic instabilities limiting power of boiling water reactors [with list of literature; by J. Bourel]. [June 1965.] cover title, iii+303-[1]-194 p. il. 4. (Euratom contract 006.64.1 TEEF, C.E.A. contract 6435; United States-Euratom Joint Research and Development Program.) 4 Paper. \$7.00.
- 15531 IDO-12053. Controlled environmental radioiodine tests. progress report 2 [with list of references; by] D. F. Bunch, editor. [Aug. 1966.] cover title, vi+33 p. il. 4. (National Reactor Testing Station, Health and Safety Division, Idaho Operations Office.) 4 Paper. \$2.00.
- 15532 IDO-12054. Dose to various body organs from inhalation or ingestion of soluble radionuclides [with list of references]; by D. F. Bunch. Aug. 1966. iv+23 p. il. 4. (Health and Safety Division, Idaho Operations Office [National reactor testing station].) 4 Paper. \$2.00.
- 15533 IS-1335. Bibliography of mass spectroscopy literature, compiled by computer method; by J. Capellen, H. J. Svec. C. R. Sage. Mar. 1966. cover title, v+399 p. 4. (Ames Laboratory, Iowa State University of Science and Technology, Ames, Iowa; [contract W-7405 eng-32].) 4 Paper. \$4.25.
- 15534 KLX-1876. Engineering and evaluation study for manufacture of wood-plastic composites; [prepared by J. H. Frankfort and K. M. Black]. [June 3, 1966.] [215] p. il. 4. (Contract AT (30-1)-3493.) 4 Paper. \$2.25.
- 15535 NYO-2740-3. Annual report on research project [with bibliographies]. Jan. 1, 1966. cover title, 262 p. il. 4. (Radiological Research Laboratory, Columbia University, New York, N.Y.; [AEC contract AT-(30-1)-2740].) 4 Paper. \$6.00.
- 15536 NYO-2764-2. Feasibility study of unified digital instrumentation and control system for nuclear power plants. final report. Apr. 1961-June 1965; by D. Gertz, J. Levine. June 30, 1965. cover title, v+[354] p. il. 4. (Ford Instrument Company, Long Island City, N.Y.; [contract A-(30-1)-2764].) 4 Paper. \$7.00.
- 15537 ORO-649. Boiling nuclear superheater (BONUS) power station, Punta Higuera site near Rincon, P.R. project completion report. June 1966. cover title, [169] p. il. 4. (Projects 04-1-59-D-014-24 and 04-1-60-E-015-24.) [Errata. 1 p., dated Aug. 24, 1966, issued also.] 4 Paper. \$5.00.
- 15538 PNE-511. Plowshare, civil, industrial and scientific uses for nuclear explosives. United States Army Corps of Engineers, Project Pre-Schooner II, Bruneau Plateau, Idaho. Sept. 30, 1965. final report; Cloud development studies [with list of references; by] W. C. Day, R. E. Rohrer. June 1966. cover title, 34 p. il. 4. (Army Engineer Nuclear Cratering Group, Livermore, Calif.) 4 Paper. \$1.50.
- 15539 TID-22833. Study of irradiated-pasteurized fishery products. Oct. 1, 1964-Sept. 30, 1965 [with bibliographies]; by Joseph W. Slavin [and others]. [1966.] cover title, [1]-xiv+100-[75] p. il. 4. (Technological Laboratory, Bureau of Commercial Fisheries, Gloucester, Mass.; [contract AT(49-11)-1889].) 4 Paper. \$5.00.
- 15540 Decade of reform in science education, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, at annual meeting of Council on Basic Education, Washington, D.C., Oct. 21, 1966. [1966.] 21 p. 4. + Y 3.At 7: 34 Se 1 114
- 15541 Nuclear progress at Yale, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at dedication of Emperor Tandem Accelerator and Wright Nuclear Structure Laboratory, Yale University, New Haven, Conn., Oct. 5, 1966. 1966. 6 p. 4. (S-31-66.) + Y 3.At 7: 34 Se 1 112
- 15542 Oceans of truth, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at Leif Erikson Foundation luncheon, Washington, D.C., Oct. 6, 1966. [1966.] 6 p. 4. (S-32-66.) + Y 3.At 7: 34 Se 1 113

GOVERNMENT PUBLICATIONS

- 15543 Remarks by Glenn T. Seaborg, chairman, Atomic Energy Commission and U.S. Representative to 10th general conference of International Atomic Energy Agency, Vienna, Austria, Sept. 22, 1966. 1966. 10 p. 4° (S-27-66.) †
Y 3.At 7: 34 Se 1/110
- 15544 Remarks by Glenn T. Seaborg, chairman, Atomic Energy Commission, at formal opening of Atoms in Action Nuclear Science Demonstration Center, Dublin, Ireland, Sept. 28, 1966. 1966. 3 p. 4° (S-30-66.) †
Y 3.At 7: 34 Se 1/111
- 15545 Remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission upon presentation of Enrico Fermi award for 1966 to Otto Hahn and Fritz Strassmann at Hofburg Palace, Vienna, Austria, Sept. 23, 1966. 1966. 4 p. 4° (S-29-66.) †
Y 3 At 7: 34 Se 1/109
- 15546 Selling to AEC. Revised July 1966. [1966.] vi+37 p. * Paper, 20c.
● Item 1051
L.C. card 49-45968 Y 3. At 7: 2 Se 4/2/966
- Understanding the atom series. (Division of Technical Information.)
- 15547 Genetic effects of radiation [with list of suggested references; by Isaac Asimov and Theodosius Dobzhansky]. [Sept. 1966.] cover title, [2]+49 p. il. [Text on p. 3 of cover.] † Atomic Energy Commission, P.O. Box 62, Oak Ridge, Tenn. 37830
L.C. card 66-62747 Y 3.At 7: 54 G 28
- 15548 Nuclear energy for desalting [with list of suggested references; by Grace M. Urrows]. [Sept. 1966.] cover title, [2]+49 p. il. † Atomic Energy Commission, P.O. Box 62, Oak Ridge, Tenn. 37830
L.C. card 66-62748 Y 3.At 7: 54 D 45
- 15549 Radioactive wastes [with list of suggested references; by Charles H. Fox]. [Nov. 1965.] cover title, [2]+46 p. il. [Text on p. 3 of cover.] † Atomic Energy Commission, P.O. Box 62, Oak Ridge, Tenn. 37831
L.C. card 66-60724 Y 3.At 7: 54 R 11/4
- 15550 Radioisotopes in medicine [with list of suggested references; by Earl W. Phelan]. [Sept. 1966.] cover title, [2]+50 p. il. † Atomic Energy Commission, P.O. Box 62, Oak Ridge, Tenn. 37830
L.C. card 66-62749 Y 3.At 7: 54 R 11/3
- 15551 SNAP nuclear space reactors [with list of suggested references; by William R. Corliss]. [Sept. 1966.] cover title, [2]+46 p. il. [Text on p. 3 of cover.] † Atomic Energy Commission, P.O. 62, Oak Ridge, Tenn. 37830
L.C. card 66-62772 Y 3.At 7: 54/Sn 1
- 15552 United States Atomic Energy Commission 16 mm film catalog, popular level, 1966-67. Reprinted with additions [1966.] cover title, xix+75 p. †
Y 3.At 7: 2 F 48/3/966-67

AVIATION MEDICINE OFFICE, Federal Aviation Agency Washington, D.C. 20553

Aviation medical report AM (series). Φ (Price upon application).

FAA 7.12: (nos.)

- 15553 66-1. Aviation medicine reports, annotated catalog of Office of Aviation Medicine reports, 1961-65: [by] Mary Ellen Allen, Stanley R. Mohler. Jan. 1966. [4]+29+[1] p. 4°
- 15554 66-8. Predominant causes of crashes and recommended therapy [with list of selected references; by] Stanley R. Mohler. Apr. 1966. [4]+3+[1] p. 4° ● Item 431-E-4
- 15555 66-9. Selected facial measurements of children for oxygen-mask design: [by] Joseph W. Young. Apr. 1966. [4]+11+[2] p. il. 4° ● Item 431-E-4
- 15556 66-14. Problems in aviation personnel: Influence of tranquilizer on temperature regulation in man [with list of references; by] P. F. Iampietro [and others]. May 1966. [5]+6+[1] p. il. 4°
- 15557 66-15. Hypoxia and performance decrement [with list of references; by] William F. O'Connor, Jim Scow, George Pendergrass. May 1966. [4]+5+[1] p. il. 4° ● Item 431-E-4
- 15558 66-16. Aeromedical assessment of human systolic and diastolic blood-pressure transients without direct arterial puncture [with list of references; by] Michael T. Latogola, Hiley Harrison, Charles Barnard. May 1966. [4]+15+[2] p. il. 4°
- 15559 66-25. Physician flight accidents; [by] S. R. Mohler [and others]. Sept. 1966. [4]+4+[1] p. 4° [July 1966 appears on front cover.]

BUDGET BUREAU, Executive Office of the President Washington, D.C. 20503

- 15560 Career staff to the President, public service as unique privilege and formidable challenge. [Oct. 1966.] [6] p. † ● Item 854.

PrEx 2.2: St 1/966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15561 Need for, and development of interagency management information systems, presentation by Willard Fazar, Office of Management and Organization, Bureau of Budget, at Civil Service Commission executive seminar in interagency management information systems, Jan. 24, 1966. 1966. 11 p. 4° ‡ PrEx 2.15: F 29

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, D.C. 20230

- 15562 Government-industry cooperation, address by James M. Owens, Director, Office of Metals and Minerals, Business and Defense Services Administration, Department of Commerce, before annual meeting of American Die Casting Institute, Chicago, Ill., Sept. 28, 1966. 1966. 8 p. 4° ‡ C 41.15: Ow 2/3

**CENSUS BUREAU, Commerce Dept.
Suitland, Md. 20233**

Area measurement reports, GE-20 (series). ● Item 146-B

- 15563 22. Areas of New Jersey, 1960. Sept. 1966. 12 p. 4° * Paper, 15c. C 3.208/2: 32

Bulletin.

- 15564 202. Cotton production and distribution, year ending July 31, 1965. [1966.] viii+73 p. il. * Paper, 30c. ● Item 131 C 3.3: 202
L.C. card 25-26263

- 15565 1963 census of business: v. 5, Wholesale trade, area statistics: [prepared in Business Division]. [1966.] [1053] p. il. 4° [Illustrated lining papers. Statistics incorporate area preprints, series BC63-WA.] * Cloth, \$7.00. ● Item 132 C 3.202/5: 963/v.5
L.C. card A66-7302

- 15566 — v. 7, Selected services, area statistics: [prepared in Business Division under supervision of Harvey Kailin, chief, and Henry Wulff, assistant chief for census programs]. 3 pts. [Illustrated lining papers. Statistics presented incorporate area preprints, series BC 63-SA.] * Cloth, \$17.75 per set of 3 pts. ● Item 132 C 3.202/5: 963/v.7/pt. 1-3
L.C. card A66-7302

- pt. 1. U.S. summary and Alabama-Illinois. [1966.] ix+[754] p. il. 4°
pt. 2. Indiana-New York. [1966.] [816] p. il. 4°
pt. 3. North Carolina-Wyoming, Guam, and Virgin Islands. [1966.] [866] p. il. 4°

- 1963 census of manufactures [Area statistics] MC63(3)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 3. Area statistics.] ● Item 137 C 3.24/3: 963/(nos.)

- 15567 4. Arkansas. [Aug. 1966.] cover title, vi+22 p. il. 4° * Paper, 25c.
15568 6. Colorado. [Aug. 1966.] cover title, vi+18 p. il. 4° * Paper, 25c.
15569 17. Kansas. [Aug. 1966.] cover title, vi+24 p. il. 4° * Paper, 30c.
15570 28. Nebraska. [Aug. 1966.] cover title, vi+20 p. il. 4° * Paper, 25c.
15571 32. New Mexico. [Aug. 1966.] cover title, vi+14 p. il. 4° * Paper, 25c.
15572 42. South Dakota. [Aug. 1966.] cover title, vi+16 p. il. 4° * Paper, 25c.
15573 49. West Virginia. [Aug. 1966.] cover title, vi+20 p. il. 4° * Paper, 25c.

- [Special report] MC63(S)-(series). ● Item 135

- 15574 3.9. Location of manufacturing plants by industry, county, and employment size: pt. 9, Transportation equipment, instruments and related products. [June 1966.] cover title, iv+51 p. 4° * Paper, 45c. C 3.24/15: 963/3.9
L.C. card A66-7827

- 1963 census of mineral industries: [Industry statistics] MIC63(1) (series). [Preprint from v. 1, General summary and industry statistics.] ● Item 158 C 3.216: 963/(nos.)

- 15575 10C. Copper, lead, zinc, gold, and silver ores: [prepared by Wilhelmina F. Whiting, assisted by Frank Roy]. [Aug. 1966.] cover title, vi+48 p. il. 4° * Paper, 45c.
15576 14F. Nonmetallic minerals (except fuels), services and miscellaneous nonmetallic minerals: [prepared by Wilhelmina F. Whiting, assisted by Patricia L. Horning and Gerald M. Sokolow]. [Aug. 1966.] cover title, vi+48 p. il. 4° * Paper, 35c.

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- County business patterns, CBP (series). [Prepared in cooperation with Social Security Administration.] ● Item 133-A C 3.240: (nos.)
- 15577 65-8. Connecticut, 1965. [Aug. 1966.] cover title, viii+46 p. il. 4° [Text on p. 2 of cover.] * Paper, 45c. L.C. card 49-45747
- 15578 65-14. Idaho, 1965. [Sept. 1966.] cover title, viii+33 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c. L.C. card 49-45747
- 15579 65-33. New Mexico, 1965. [Sept. 1966.] cover title, viii+35 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c. L.C. card 49-45747
- 15580 65-52. Wyoming, 1965. [Sept. 1966.] cover title, viii+21 p. il. 4° [Text on p. 2 of cover.] * Paper, 30c. L.C. card 49-45747
- 15581 Current industrial report: Aluminum foil converted, 1965. Sept. 23, 1966. 2 p. 4° (Series MA-34P(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-34 P (65)-1
- 15582 — Brassieres, corsets, and allied garments 1965 (preliminary), Change sheet. Aug. 26, 1966. 1 p. 4° (Series MA-23J(65)-1.) † ● Item 142-A C 3.158: MA-235(65)-1/ch.
- 15583 — Broad-woven goods, blends and mixtures, 1965. Sept. 22, 1966. 4 p. 4° (Series M22T(65)-supp.) † Paper, 25c. ● Item 142-A C 3.158: M 22 T (65)-supp.
- 15584 — Fibrous glass, 1965. Sept. 19, 1966. 1 p. 4° (Series M32J(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: M 32 J (65)-1
- 15585 — Heating and cooking equipment, 1964. July 25, 1966. 9 p. 4° (Series M34N(64)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 34 N (64)-13
- 15586 — Home-type radio receivers and television sets, automobile radios, phonographs, and record player attachments, 1965. Sept. 16, 1966. 3 p. 4° (Series M36M(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: M 36 M (65)-1
- 15587 — Paint, varnish, and lacquer, summary for 1965. Aug. 26, 1966. 3 p. 4° (Series M28F(65)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 28 F (65)-13
- 15588 — Salad dressing, mayonnaise and related products, 1965. Sept. 27, 1966. 2 p. 4° (Series MA20F(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA 20 F (65)-1
- 15589 — Sales of lubricating and industrial oils and greases, 1965. Sept. 7, 1966. 10 p. 4° (Series MA-29C(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-29 C (65)-1
- 15590 — Selected atomic energy products, 1965. Sept. 21, 1966. 3 p. 4° (Series MA-38Q(65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-38 Q (65)-1
- Current population reports: Series P-23, Technical studies. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 15591 20. Changes in economic level in 9 neighborhoods in Cleveland: 1960-65 (advance report). Sept. 22, 1966. 7 p. il. 4° * Paper, 15c. C 3.186: P-23/20
- Series P-60, Consumer income. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. ● Item 142-C
- 15592 50. Median income of persons up in 1965 (advance data from Mar. 1966 sample survey). Aug. 26, 1966. 3 p. 4° * Paper, 15c. C 3.186: P-60/50
- 15593 Current population survey of United States, its origin, methods, and evolution; by Robert B. Pearl. [1966.] [1]+13 p. 4° [Prepared for presentation before CENTO symposium on Household surveys held in Dacca, East Pakistan, Apr. 25-May 2, 1966.] † C 3.2: P 81/19
- 15594 Guide to foreign trade statistics, 1967. [1966.] 89 p. il. 4° † C 3.6/2: F 76
- 15595 Long term economic growth, 1860-1965 [with bibliography]. [Oct. 1966.] cover title, iv+256 p. il. 4° ([Statistical compendium; ES 4-no. 1.]) * Paper, \$2.75. ● Item 146 L.C. card A 66-7869 C 3.2: Ec 7

*For Sale by Superintendent of Documents
 †Distribution Made by Issuing Office
 ‡Official Use. Not Available

NOVEMBER 1966

Series ISPO 1. (International Statistical Programs Office.)

- 15596 No. 1-E. Atlantida, case study in household sample surveys: Unit 4. Sample design [with selected list of references]. [Sept. 1966.] cover title, vi+178 p. il. 4° [Prepared under auspices of Agency for International Development, State Dept., as contribution to Alliance for progress program.] † Paper, \$2.00 ● Item 146-F C 3.205/3:1/no.1-E
- 15597 Statistical abstract of United States, 1966 [National data book and guide to sources]. 87th annual edition. [1966.] [1]+xii+1039 p. il. [Prepared under direction of Edwin D. Goldfield, chief, Statistical Reports Division. Includes copyright material. Also issued as H. doc. 377, 89th Cong., 2d sess.] * Cloth, \$3.75. ● Item 150
L.C. card 4-18089 C 3.134: 966

Supplement to Congressional district data book [districts of 88th Congress], redistributed States. † ● Item 151
L.C. card A63-7725 C 3.134/2: C 76/963/supp.(no.)

- 15598 8. Utah, districts of 90th Congress. June 1966. 6 p. il. 4°
15599 9. South Dakota, districts of 90th Congress. June 1966. 6 p. il. 4°
15600 10. Montana, districts of 90th Congress. June 1966. 6 p. il. 4°
15601 12. Arkansas, districts of 90th Congress. June 1966. 10 p. il. 4°
15602 13. Alabama, districts of 90th Congress. June 1966. 10 p. il. 4°
15603 14. Indiana, districts of 90th Congress. June 1966. 10 p. il. 4°
15604 15. Virginia, districts of 90th Congress. June 1966. 10 p. il. 4°
15605 16. Tennessee, districts of 90th Congress. June 1966. 11 p. il. 4°
15606 17. Oregon, districts of 90th Congress. June 1966. 8 p. il. 4°
15607 18. Kansas, districts of 90th Congress. June 1966. 9 p. il. 4°
15608 19. Arizona, districts of 90th Congress. July 1966. 7 p. il. 4°
15609 20. Florida, districts of 90th Congress. July 1966. 11 p. il. 4°
15610 21. Texas, districts of 90th Congress. July 1966. 21 p. il. 4°

CIVIL AERONAUTICS BOARD Washington, D.C. 20428

- 15611 Address by G. Joseph Minetti before 3d Regional Air Cargo Workshop, New York, N.Y., Oct. 20, 1966. 1966. 9 p. 4° † C 31.215: M 66/4
- 15612 Air transportation, international tourism, and economic development, remarks by Whitney Gilliland, member, Civil Aeronautics Board, 5th Inter-American Travel Seminar, Caracas, Venezuela, Sept. 26-28, 1966. [1]+11 p. 4° † C 31.215: G 41/6
- 15613 Aircraft accident report: Allegheny Airlines, Inc., Convair 340/440, N8415H, Montoursville, Pa., July 23, 1965; adopted Aug. 30, 1966. Sept. 2, 1966. cover title, 8 p. 4° (File 1-0022; SA-385.) † C 31.213: M 768/2
- Bureau of Safety report BOSR (series).
- 15614 7-1. U.S. air carrier accidents, statistical review and resume of accidents, calendar year 1964. [Sept. 1966.] cover title, [1]+vi+25+55 p. 1 pl. 4° ([Bureau of Safety, Safety Analysis Division.]) † C 31.252/2: 7-1
- 15615 Regulations of Civil Aeronautics Board [as amended to Aug. 27, 1966, new and revised pages]; Aug. 19, 1966. 19 p. 4° [Includes transmittal sheet 30. Issued in looseleaf form.] * Paper, \$6.50 (including basic book and supplementary service for an indefinite period); \$2.00 additional for foreign mailing. ● Item 186 C 31.206/7: 963/trans. 30
- 15616 Remarks of Charles S. Murphy, Chairman of Civil Aeronautics Board before American Society of Travel Agents, Seattle, Wash., Oct. 3, 1966. [1966.] 15 p. 4° † C 31.215: M 95/32
- 15617 Remarks of Charles S. Murphy, Chairman of Civil Aeronautics Board, before Wings Club, New York City [N.Y.], Sept. 21, 1966. [1966.] 10 p. 4° † C 31.215: M 95/31
- 15618 Remarks of John G. Adams, member, Civil Aeronautics Board before 2d CAB-NITL Regional Air Cargo Workshop, Miami, Fla., Oct. 17, 1966. 1966. 7 p. 4° † C 31.215: Ad 1/5

CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, D.C. 20310

- 15619 Federal civil defense guide: pt. F, chap. 5, app. 1, Change 1, Federal contributions for civil defense equipment. Aug. 1966. [2]+2 p. 4° [Issued in looseleaf form.] † ● Item 320-B-3
D 119.8/4: pt. F/chap. 5/app. 1/ch. 1

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 15620 Federal civil defense guide: pt. F, chap. 5, app. 3, Change 3, Procedures for donation of Federal surplus personal property. May 1966. [4] p. 4° [Issued in looseleaf form.] † ● Item 320-B-3
D 119.8/4: pt. F/chap. 5/app. 3/ch. 3
FG (series). † ● Item 320-B-3 D 119.8/3: (letters—nos.)
- 15621 E-5.9.1. Handbook for serial radiological monitors, supplement to handbook for radiological monitors, FG-E-5.9. July 1966. cover title, ii+30 p. il.
- 15622 F-3.7. Industrial civil defense protection of vital records, special report by Association of Records Executives and Administrators, Inc.; [prepared by Joseph L. Kish and others.] July 1966. cover title, iv+24 p. [Checklist of procedures in preparing for civil defense in industry on p. 3 of cover.]
L.C. card 66-62781
- Handbook H (series).
- 15623 12. Fallout protection for homes with basements. July 1966. cover title, 24 p. il. † ● Item S57-D-10 D 119.8/2: 12/2
- Instructor's guide IG (series). ● Item S57-D-12
- 15624 IG-15-1. Basic course in emergency mass feeding [with lists of references]. Aug. 1966. viii+[56] p. 4° ([ARC 2219.]) [Developed jointly with American National Red Cross and Welfare Administration, Health, Education, and Welfare Dept. Issued with perforations. Supersedes IG-12.1, Jan. 1957.] † D 119.8/7: 15.1
- Student manual SM (series).
- 15625 2.1.4. Program planning and development (self-teaching materials). July 1966. cover title, 75 p. 4° [Issued with perforations.] † ● Item 320-B-1 D 119.8/8: 2.1.4

CIVIL SERVICE COMMISSION

Washington, D.C. 20415

- 15626 Amendment to announcement 147B, agricultural marketing specialist [grades 7-14] and agricultural market reporter [grades 7-11]. Sept. 27, 1966. 1 p. oblong 24° † CS 1.26: 958/147B/rev./amdt.-2
- 15627 Amendment to follow examination announcements, 4B, agricultural extension specialist (grades 12-15), 195B, farm credit examiner (grades 9-11), 305B, agricultural statistician (grades 5-7), 325B, crop insurance fieldman (grade 5), crop insurance supervisor (grades 7-9), 377B, agricultural commodity grader (meat) (grade 5). Sept. 27, 1966. 1 p. 12° (Interagency Board of Civil Service Examiners for Washington, D.C.) [Effective Oct. 3, 1966.] CS 1.26/3: amdt./966-4
- 15628 Announcing examination for postmaster, AN 3300. Jan. 1966. [4] p. † ● Item 292 CS 1.28: 3300/8
- 15629 Current Federal examination, AN 2279, supp. A to issue 173, Sept.-Oct. 1966. [1966.] 1 p. oblong 24° † CS 1.28: 2279/173/supp. A
- 15630 Federal employment opportunities in Job Corps Conservation Centers for teachers (Job Corps), teachers (vocational subjects), grades 5 through 9, guidance counselors, grades 7 through 9, salaries grade 5, \$5,331 a year, grade 7, \$6,451, grade 9, \$7,696 a year, applications continuously accepted by Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E St., NW., Washington, D.C. 20415, announcement WA-05-6. Aug. 16, 1966. 6 p. 4° † ● Item 292 CS 1.26/4: 966/WA-05-6
- 15631 Instructions to applicants for 4th-class postmaster examinations, AN 1759, Feb. 1966. [1966.] [1]+8 p. † ● Item 292 CS 1.28: 1759/11
Pamphlet.
- 15632 64. Opportunities in Federal civil service for returning Peace Corps volunteers. [Apr. 1966.] [6] p. narrow 8° † ● Item 299 CS 1.48: 64/3
- 15633 Preparing for Federal service entrance examination, sample questions and suggestions on how to do your best when you take test. [1966.] cover title, iii+16 p. il. 4° [Text on p. 2 of cover.] * Paper, 20c. ● Item 296-B CS 1.7/4: F 31

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15634 Resident youth worker, grade 5, \$5,181 a year, for duty in Job Corps conservation centers on staffs of Department of Interior and Department of Agriculture, applications continuously accepted from male applicants only, announcement WA-04-6. Aug. 2, 1966. 4 p. 4° † ● Item 292
CS 1.26/4 : 966/WA-04-6

**COAL RESEARCH OFFICE, Interior Dept.
Washington, D.C. 20240**

- 15635 Coal, its future and conversion, remarks by A. Howard Smith, chief, Economics & Marketing Division, Office of Coal Research, Department of Interior, at Empire State Petroleum and Fuel Merchants Association, Inc., Ellenville, N.Y., Sept. 26, 1966. 1966. 7 leaves, 4° † I 63.9: Sm 5

**COAST AND GEODETIC SURVEY, Commerce Dept.
Washington, D.C. 20230**

- 15636 International Indian Ocean Expedition, USC&GS ship Pioneer, 1964: v. 2. Data report, oceanographic stations, BT observations, and bottom samples, Feb. 11-Aug. 11, 1964. [1966.] iii+183 p. il. map. 4° * Paper, \$1.50. ● Item 192
L.C. card 66-62429 C 4.2: In 2/2/v. 2
Publication. ● Item 193
15637 10-2. Coast and Geodetic Survey, its products and services. 1966. 80 p. il. 4°
[Text on p. 3 of cover.] * Paper, \$1.00
L.C. card 66-62750 C 4.19/2: 10-2/2
15638 Tidal current tables, Pacific Coast of North America and Asia, 1967. [1966.] 254 p. il. [Includes list of publications relating to tides and currents.] † Paper, \$2.00. ● Item 191
L.C. card 7-35369 C 4.23: 967

**COMMERCE DEPARTMENT
Washington, D.C. 20230**

NOTE.—Requests to the Commerce Department for publications should include the Comm—DC—number if given in the entry.

- 15639 Address by Eugene P. Foley, Assistant Secretary of Commerce and Director of Economic Development, scheduled for delivery before Edison Electric Institute area development workshop, San Francisco, Calif., Oct. 11, 1966. 1966. 11 p. 4° (US/COMM/DC/47132.) † C 1.18: F 69/23
15640 Address by Eugene P. Foley, Assistant Secretary of Commerce and Director of Economic Development, scheduled for delivery during freshman orientation week at Creighton University, Omaha, Nebr., Sept. 12, 1966. [1966.] 11 p. 4° ([USCOMMDC 47058.]) † C 1.18: F 69/22
15641 Address by Secretary of Commerce John T. Connor, prepared for delivery to annual meeting of Council of State Chambers of Commerce, Dallas, Tex., Sept. 14, 1966. [1966.] 13 leaves, 4° (COMM-DC-38158.) †
C 1.18: C 76/83
15642 Business economist and Government, remarks by William H. Shaw, Assistant Secretary of Commerce for Economic Affairs, at 8th annual meeting of National Association of Business Economists, Washington, D.C., Sept. 30, 1966. 1966. 8 p. 4° † C 1.18: Sh 2/4
15643 Do you know your economic ABC's? simplified explanation of gross national product and how it mirrors our economy [with bibliography]. [1966 revision.] [1966.] 34+[6] p. il. oblong 24° [Text on p. 2 and 3 of cover.] * Paper, 20c. ● Item 128
L.C. card 66-62765 C 1.2: Ec 7/3/966
15644 Federal statistics, decade of progress, remarks by William H. Shaw, Assistant Secretary of Commerce for Economic Affairs, at 10th annual meeting of Federal Statistics Users' Conference, Washington, D.C., Oct. 13, 1966. [1966.] 5 p. 4° (USCOMM-DC-38249.) † C 1.18: Sh 2/6

GOVERNMENT PUBLICATIONS

- Overseas business reports OBR (series). [Issued irregularly.] * Paper, \$13.00 a yr., \$5.00 additional for foreign mailing: single copy, 15c. (1-3 yr. subs.). • Item 231-B C 1.50: (nos.)
- 15645 66-33. Market indicators for Africa [with bibliography; prepared by Selina Calder with assistance of Nandor Cheplo]. Aug. 1966. 32 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 15646 66-40. Foreign trade regulations of East Africa (Kenya, Tanzania, and Uganda); prepared by William F. Schrage. June 1966. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes WTIS, pt. 2, no. 59-35, OBR 63-13.]
- 15647 66-55. Market profiles for Far East; prepared in Far Eastern Division, Office of International Regional Economics. Aug. 1966. 16 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-12.]
- 15648 66-57. United States trade with major world areas, imports 1964-65, exports 1965; [prepared in International Trade Analysis Division]. Sept. 1966. 15 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]
- 15649 66-58. Foreign trade regulations of Saudi Arabia; prepared by Emil Stavriotis. Sept. 1966. 5 p. 4° (Bureau of International Commerce.) [Supersedes OBR 66-53, not distributed to subscribers.]
- 15650 66-62. Foreign trade regulations of Mexico [with bibliography]; prepared by Walter Haidar. Oct. 1966. 8 p. 4° (Bureau of International Commerce.) [Supersedes OBR 64-128.]
- 15651 66-67. Establishing business in Pakistan [with bibliography]; prepared by Larry A. Nilsch. Oct. 1966. 14 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-72.]
- 15652 Overview '67, economic issues, remarks by William H. Shaw, Assistant Secretary of Commerce for Economic Affairs, at 28th annual Building Products Executive Conference, Oct. 13, 1966, Washington, D.C. [1966.] 6 p. 4° (USCOMM-DC-38256.) † C 1.18: Sh 2/5
- 15653 Remarks by James G. Morton, Special Assistant to Secretary of Commerce, prepared for delivery to conference of Japanese businessmen, Washington, D.C., Sept. 13, 1966. [1966.] 6 leaves, 4° † C 1.18: M 84/15
- 15654 Remarks by Lowell K. Bridwell, Deputy Under Secretary of Commerce for Transportation, prepared for delivery at Transportation Week luncheon, in connection with 200th anniversary of founding of Winston-Salem, N.C., Oct. 5, 1966. 1966. 6 p. 4° (COMM-DC-3325.) † C 1.18: B 76/20
- 15655 Remarks by Secretary of Commerce John T. Connor prepared for delivery at 1st annual meeting of Mobilization Readiness Division of American Ordnance Association, Industrial College of Armed Forces, Fort McNair, Washington, D.C., Oct. 12, 1966. [1966.] 11 leaves, 4° (USCOMM-DC-38247.) † C 1.18: C 76/87
- 15656 Remarks by Secretary of Commerce John T. Connor prepared for delivery to Cleveland Advertising Club, Cleveland, Ohio, Sept. 28, 1966. [1966.] 10 leaves, 4° (USCOMM-DC-38206.) † C 1.18: C 76/86
- 15657 Remarks of William H. Shaw, Assistant Secretary of Commerce for Economic Affairs, at Georgetown University Banker's Forum, Oct. 1, 1966. [1966.] 7 p. 4° † C 1.18: Sh 2/3
- 15658 Science, technology, and future of society [by] J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, address before 3d International Investment Symposium, Harvard University Graduate School of Business Administration, Boston, July 11, 1966. [1966.] 12 p. 4° † C 1.18: H 72/22
- 15659 Technology and public policy, J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, 34th Edward Orton, jr., Memorial Lecture, delivered to American Ceramic Society, Washington, D.C., May 9, 1966. [1966.] 16 p. 4° (USCOMM-DC-38146.) † C 1.18: H 72/21
- 15660 Traffic safety at crossroads, remarks by William Haddon, jr., Administrator-Designate, National Highway Safety Agency, Department of Commerce, prepared for delivery before Governor's Traffic Safety Conference, Denver, Colo., Sept. 22, 1966. 1966. 10 p. 4° (USCOM-DC-3297.) † C 1.18: H 11

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

CONGRESS

- 15661 Congressional record, proceedings and debates of 89th Congress, 1st session. v. 111, pt. 13, July 19-27, 1965. [Permanent edition.] 1965. [1]+17175-18496 p. 4° * Cloth, \$4.25. ● Item 993 X.89/1.111/pt.13
L.C. card 12-36438
- 15662 — v. 111, pt. 17, Aug. 31-Sept. 13, 1965. [Permanent edition.] 1965. [1]+22279-23626 p. 4° * Cloth, \$4.25. ● Item 993 X.89/1:111/pt.17
L.C. card 12-36438
- 15663 — v. 111, pt. 18, Sept. 14-23, 1965. [Permanent edition.] 1965. [1]+23627-25022 p. 4° * Cloth, \$4.50. ● Item 993 X.89/1:111/pt.18
L.C. card 12-36438
- 15664 — v. 111, pt. 19, Sept. 24-Oct. 7, 1965. [Permanent edition.] 1965. [1]+25023-26378 p. 4° * Cloth, \$4.25. ● Item 993 X.89/1:111/pt.19
L.C. card 12-36438

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.

Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

House document:

- 15665 no. 488, 89th Cong., 2d sess., U.S. policy toward Asia (Serial 12725-3). ● Item 995-G

House reports:

- 15666 nos. 213-328, with exceptions, 89th Congress, 1st session, House miscellaneous reports on public bills II (Serial 12665-2). ● Item 1007-A
nos. 329-509, with exceptions, 89th Congress, 1st session, House miscellaneous reports on public bills III [Serial 12665-3]. ● Item 1007-A
nos. 511-645, with exceptions, 89th Congress, 1st session, House miscellaneous reports on public bills IV [Serial 12665-4]. ● Item 1007-A

Senate reports:

- 15667 nos. 2-182, with exceptions, 89th Congress, 1st session, Senate miscellaneous reports on public bills I [Serial 12662-1] ● Item 1007-A

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 89th Congress. † House or Senate Document Rooms, Capitol.

- 15668 262. H.R. 5204, act for relief of Joseph K. Bellek. Approved July 8, 1966. 1 p.
15669 313. S. 2838, act for relief of Irene Snyder. Approved Sept. 27, 1966. 1 p.
15670 314. S. 372, act for relief of Antonio Jesus Senra (Rodriguez) and his wife, Mercedes M. Miranda de Senra. Approved Oct. 3, 1966. 1 p.
15671 315. S. 993, act for relief of Oscar Valdes Cruz. Approved Oct. 3, 1966. 1 p.
15672 316. S. 1120, act for relief of Ortelio Rodriguez Perez. Approved Oct. 3, 1966. 1 p.
15673 317. S. 2348, act for relief of Jorge G. Echenique. Approved Oct. 3, 1966. 1 p.
15674 318. S. 2376, act for relief of Mario Presman. Approved Oct. 3, 1966. 1 p.
15675 319. S. 2447, act for relief of Arturo Victor Fajardo-Carpio. Approved Oct. 3, 1966. 1 p.
15676 320. S. 2529, act for relief of Felix Hurtado Perez. Approved Oct. 3, 1966. 1 p.
15677 321. S. 2789, act for relief of Alberto Oteiza. Approved Oct. 3, 1966. 1 p.
15678 322. S. 2796, act for relief of Rafael Anrriich. Approved Oct. 3, 1966. 1 p.
15679 323. S. 2865, act for relief of Alfredo Hernandez. Approved Oct. 3, 1966. 1 p.
15680 324. S. 2869, act for relief of Jose Enrique Diaz. Approved Oct. 3, 1966. 1 p.
15681 325. S. 2945, act for relief of Jaime E. Condom Valera. Approved Oct. 3, 1966. 1 p.
15682 326. S. 2946, act for relief of Mario V. Machado Espinosa. Approved Oct. 3, 1966. 1 p.
15683 327. S. 3189, act for relief of Alonso Portuondo. Approved Oct. 3, 1966.

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Private laws, 89th Congress—Continued

- 15684 328. S. 3272, act for relief of Jacobo Albo Maya. Approved Oct. 3, 1966. 1 p.
 15685 329. S. 2626, act for relief of Argyrios A. Tsifutis. Approved Oct. 3, 1966. 1 p.
 15686 330. S. 146, act for relief of Delma S. Pozas. Approved Oct. 4, 1966. 1 p.
 15687 331. S. 153, act for relief of Matsusuke Tengan. Approved Oct. 4, 1966. 1 p.
 15688 332. S. 766, act for relief of Samuel R. Rondberg. Approved Oct. 4, 1966. 1 p.
 15689 333. S. 1449, act for relief of Enrique Ramon Ducassi. Approved Oct. 4, 1966. 1 p.
 15690 334. S. 1571, act for relief of Kermit Wager, of Lebanon, S. Dak. Approved Oct. 4, 1966. 1 p.
 15691 335. S. 2177, act for relief of Donald I. Abbott. Approved Oct. 4, 1966. 1 p.
 15692 336. S. 2265, act for relief of Konstadyna Byni Deliroglou and her minor child, Alexandros Deliroglou. Approved Oct. 4, 1966. 1 p.
 15693 337. S. 2555, act for relief of Kim Kin Soon. Approved Oct. 4, 1966. 1 p.
 15694 338. S. 2800, act for relief of George Joseph Saad. Approved Oct. 4, 1966. 1 p.
 15695 339. S. 2854, act for relief of Gottfried R. Kaestner. Approved Oct. 4, 1966. 1 p.
 15696 341. H.R. 8699, act for relief of Mule Creek Oil Co., Inc., Delaware corporation. Approved Oct. 4, 1966. 1 p.
 15697 342. H.R. 11253, act to provide for conveyance of certain real property of United States situated in Pennsylvania. Approved Oct. 4, 1966. 1 p.

Public laws, 89th Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C. 20402, at a subscription price of \$12.00 per session, \$2.00 additional for foreign mailing; single copies vary in price.

- 15698 473. H.R. 6438, act to authorize any executive department or independent establishment of Government, or any bureau or office thereof, to make appropriate accounting adjustment or reimbursement between respective appropriations available to such departments and establishments, or any bureau or office thereof. Approved June 29, 1966. 1 p. * Paper, 5c.
 15699 474. H.R. 14266, act making appropriations for Treasury and Post Office Departments, Executive Office of the President, and certain independent agencies for fiscal year 1967, and for other purposes. [Approved June 29, 1966.] 8 p. * Paper, 5c.
 15700 475. H.R. 6515, act to supplement act of Oct. 6, 1964 establishing Lewis and Clark Trail Commission, and for other purposes. Approved June 29, 1966. 1 p. * Paper, 5c.
 15701 476. S. 2142, act to simplify the admeasurement of small vessels. [Approved June 29, 1966.] 2 p. * Paper, 5c.
 15702 477. H.R. 7042, act to amend sec. 402(d) of Federal food, drug, and cosmetic act. Approved June 29, 1966. 1 p. * Paper, 5c.
 15703 478. S. 1495, act to permit variation of forty-hour workweek of Federal employees for educational purposes. Approved June 29, 1966. 1 p. * Paper, 5c.
 15704 481. H.J. Res. 1180, joint resolution making continuing appropriations for fiscal year 1967, and for other purposes. [Approved June 30, 1966.] 3 p. * Paper, 5c.
 15705 483. H.R. 13125, act to amend provisions of title 3 of Federal civil defense act of 1950, as amended. Approved June 30, 1966. 1 p. * Paper, 5c.
 15706 516. H.R. 10607, act to amend Administrative expenses act of 1946, as amended, to provide for reimbursement of certain moving expenses of employees, and to authorize payment of expenses for storage of household goods and personal effects of employees assigned to isolated duty stations within continental United States. [Approved July 21, 1966.] 3 p. * Paper, 5c.
 15707 517. H.R. 9599, act to authorize Secretary of Interior to accept donation by Indiana of George Rogers Clark Memorial for establishment as George Rogers Clark National Historical Park, and for other purposes. Approved July 23, 1966. 1 p. * Paper, 5c.
 15708 518. H.R. 8337, act to amend District of Columbia practical nurses licensing act, and for other purposes. [Approved July 25, 1966.] 2 p. * Paper, 5c.
 15709 519. H.R. 15860, act to establish District of Columbia Bail Agency, and for other purposes. [Approved July 26, 1966.] 3 p. * Paper, 5c.
 15710 520. S. 3150, act to make further provision for retirement of Comptroller General. Approved July 26, 1966. 1 p. * Paper, 5c.
 15711 521. H.R. 14888, act to amend act of Feb. 28, 1947, as amended, to authorize Secretary of Agriculture to cooperate in screw-worm eradication in Mexico. Approved July 27, 1966. 1 p. * Paper, 5c.
 15712 529. H.R. 13374, act to amend title 10, United States Code to authorize award of trophies for recognition of special accomplishments related to armed forces, and for other purposes. Approved Aug. 11, 1966. 1 p. * Paper, 5c.
 15713 530. H.R. 12389, act to increase amount authorized to be appropriated for development of Arkansas Post National Memorial. Approved Aug. 11, 1966. 1 p. * Paper, 5c.
 15714 531. S. 3249, act to consent to interstate compact defining boundary between Arizona and California. [Approved Aug. 11, 1966.] 5 p. * Paper, 5c.
 15715 532. S. 3498, act to facilitate carrying out of obligations of United States under Convention on Settlement of Investment Disputes between States and nationals of other States, signed Aug. 27, 1965, and for other purposes. Approved Aug. 11, 1966. 1 p. * Paper, 5c.
 15716 533. H.R. 11980, act to authorize Secretary of Army to donate 2 obsolete German weapons to Federal Republic of Germany. Approved Aug. 11, 1966. 1 p. * Paper, 5c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 15717 534. H.R. 3013, act to amend title 10, United States Code, to provide gold star label buttons for next of kin of members of Armed Forces who lost or lose their lives in war or as result of cold war incidents. [Approved Aug. 11, 1966.] 2 p. * Paper, 5c.
- 15718 535. S. 2412, act to terminate use restrictions on certain real property previously conveyed to city of Kodiak, Alaska, by United States. Approved Aug. 11, 1966. 1 p. * Paper, 5c.
- 15719 536. H.R. 7327, act to amend limitation on salary of Academic Dean of Naval Postgraduate School. Approved Aug. 11, 1966. 1 p. * Paper, 5c.
- 15720 537. H.R. 15225, act to amend sec. 15d of Tennessee Valley Authority act of 1933 to increase amount of bonds which may be issued by Tennessee Valley Authority. Approved Aug. 12, 1966. 1 p. * Paper, 5c.
- 15721 538. H.R. 14875, act to amend sec. 1035 of title 10, United States Code, and other laws, to authorize members of uniformed services who are on duty outside United States or its possessions to deposit their savings with uniformed service, and for other purposes. [Approved Aug. 14, 1966.] 2 p. * Paper, 5c.
- 15722 539. H.R. 13772, act to authorize disposal of metallurgical grade manganese ore from national stockpile and supplemental stockpile. Approved Aug. 19, 1966. 1 p. * Paper, 5c.
- 15723 541. H.R. 10284, act to provide that Federal office building under construction in Fort Worth, Tex., shall be named Fritz Garland Lanham Federal Office Building in memory of late Fritz Garland Lanham, Representative from Texas from 1919 to 1947. Approved Aug. 22, 1966. 1 p. * Paper, 5c.
- 15724 542. S. 3484, act to amend act of June 3, 1966 (Public law 89-441, 80 Stat. 1921), relating to Great Salt Lake relicted lands. Approved Aug. 23, 1966. 1 p. * Paper, 5c.
- 15725 543. H.R. 11671, act to approve contract negotiated with El Paso County Water Improvement District No. 1, Tex., to authorize execution, and for other purposes. Approved Aug. 23, 1966. 1 p. * Paper, 5c.
- 15726 544. H.R. 13881, act to authorize Secretary of Agriculture to regulate transportation, sale, and handling of dogs, cats, and certain other animals intended to be used for purposes of research or experimentation, and for other purposes. [Approved Aug. 24, 1966.] 4 p. * Paper, 5c.
- 15727 545. H.R. 15456, act making appropriations for legislative branch for fiscal year 1967, and for other purposes. Approved Aug. 27, 1966. 17 p. * Paper, 10c.
- 15728 546. H.J. Res. 810, joint resolution to authorize the President to proclaim 8th day of September 1966 as International Literacy Day. Approved Aug. 27, 1966. 1 p. * Paper, 5c.
- 15729 548. H.R. 13277, act to amend revised Organic act of Virgin Islands to provide for reapportionment of legislature of Virgin Islands. Approved Aug. 30, 1966. 1 p. * Paper, 5c.
- 15730 551. H.R. 8760, act to amend provisions of Oil pollution act, 1961 (33 U.S.C. 1001-15), to implement provisions of International Convention for Prevention of Pollution of Sea by Oil, 1954, as amended, and for other purposes. [Approved Sept. 1, 1966.] 4 p. * Paper, 5c.
- 15731 552. H.R. 13298, act to amend Organic act of Guam in order to authorize legislature thereof to provide by law for election of its members from election districts. Approved Sept. 2, 1966. 1 p. * Paper, 5c.
- 15732 553. S. 602, act to amend Small reclamation projects act of 1956. [Approved Sept. 2, 1966.] 2 p. * Paper, 5c.
- 15733 554. H.R. 10104, act to enact title 5, United States Code, Government organization and employees, codifying general and permanent laws relating to organization of Government of United States and to its civilian officers and employees. [Approved Sept. 6, 1966.] 286 p. * Paper, 75c.
- 15734 555. H.R. 14921, act making appropriations for sundry independent executive bureaus, boards, commissions, corporations, agencies, offices, and Department of Housing and Urban Development for fiscal year 1967, and for other purposes. [Approved Sept. 6, 1966.] 26 p. * Paper, 15c.
- 15735 556. H.R. 14596, act making appropriations for Department of Agriculture and related agencies for fiscal year 1967 and for other purposes. [Approved Sept. 7, 1966.] 16 p. * Paper, 10c.
- 15736 557. S. 490, act to authorize Secretary of Interior to construct, operate, and maintain Manson unit, Chelan division, Chief Joseph Dam project, Wash. and for other purposes. [Approved Sept. 7, 1966.] 2 p. * Paper, 5c.
- 15737 558. H.R. 2653, act to provide that United States District Court for district of Connecticut shall also be held at New London, Conn. Approved Sept. 7, 1966. 1 p. * Paper, 5c.
- 15738 559. H.R. 9824, act to amend Life insurance act of District of Columbia, approved June 19, 1934, as amended. Approved Sept. 7, 1966. 1 p. * Paper, 5c.
- 15739 561. S. 3034, act to authorize Secretary of Interior to engage in feasibility investigations of certain water resource development proposals. [Approved Sept. 7, 1966.] 9 p. * Paper, 5c.
- 15740 562. S. 3700, act to amend Urban mass transportation act of 1964. [Approved Sept. 8, 1966.] 3 p. * Paper, 5c.
- 15741 563. S. 3005, act to provide for coordinated national safety program and establishment of safety standards for motor vehicles in interstate commerce to reduce accidents involving motor vehicles and to reduce deaths and injuries occurring in such accidents. [Approved Sept. 9, 1966.] 13 p. * Paper, 10c.

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Public laws, 89th Congress—Continued

- 15742 564. S. 3052, act to provide for ~~co-~~ordinated national highway safety program through financial assistance to States to accelerate highway traffic safety programs, and for other purposes. [Approved Sept. 9, 1966.] 7 p. * Paper, 5c.
- 15743 565. S. 489, act to authorize establishment of San Juan Island National Historical Park in State of Washington, and for other purposes. [Approved Sept. 9, 1966.] 1 p. * Paper, 5c.
- 15744 567. H.R. 13703, act to make technical amendments to titles 19 and 20 of District of Columbia code. Approved Sept. 10, 1966. 1 p. * Paper, 5c.
- 15745 568. S. 3105, act to authorize certain construction at military installations, and for other purposes. [Approved Sept. 12, 1966.] 20 p. * Paper, 10c.
- 15746 569. H.R. 15858, act to amend sec. 6 of District of Columbia redevelopment act of 1945 to authorize early land acquisition for purposes of acquiring sites for replacement of Shaw Junior High School. Approved Sept. 12, 1966. 1 p. * Paper, 5c.
- 15747 570. H.R. 4665, act relating to income tax treatment of exploration expenditures in case of mining. [Approved Sept. 12, 1966.] 6 p. * Paper, 5c.
- 15748 572. S. 3418, act to amend Peace Corps act (75 Stat. 612), as amended, and for other purposes. [Approved Sept. 13, 1966.] 2 p. * Paper, 5c.
- 15749 574. S. 3155, act to authorize appropriations for fiscal years 1968 and 1969 for construction of certain highways in accordance with title 23 of United States Code, and for other purposes. [Approved Sept. 13, 1966.] 6 p. * Paper, 5c.
- 15750 577. H.R. 8989, act to promote health and safety in metal and nonmetallic mineral industries, and for other purposes. [Approved Sept. 16, 1966.] 13 p. * Paper, 10c.
- 15751 578. H.R. 13558, act to provide for regulation of professional practice of certified public accountants in District of Columbia, including examination, licensure, registration of certified public accountants, and for other purposes. [Approved Sept. 16, 1966.] 8 p. * Paper, 5c.
- 15752 579. H.R. 399, act to provide adjustments in order to make uniform estate acquired for Vega Dam and Reservoir, Collbran project, Colo., by authorizing Secretary of Interior to reconvey mineral interests in certain lands. Approved Sept. 16, 1966. 1 p. * Paper, 5c.
- 15753 580. H.R. 7446, act for relief of certain civilian employees and former civilian employees of Department of Navy at Norfolk Naval Shipyard, Portsmouth, Va. [Approved Sept. 16, 1966.] 2 p. * Paper, 5c.
- 15754 581. H.R. 790, act to rename lock of Cross-Florida Barge Canal the R. N. Bert Dosh lock. Approved Sept. 16, 1966. 1 p. * Paper, 5c.
- 15755 584. S. 2747, act to authorize conclusion of agreement with Mexico for joint measures for solution of Lower Rio Grande salinity problem. Approved Sept. 19, 1966. 2 p. * Paper, 5c.
- 15756 586. S. 112, act to amend Consolidated Farmers Home Administration act of 1961 to authorize loans by Secretary of Agriculture on leasehold interests in Hawaii, and for other purposes. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 15757 587. H.R. 1066, act to amend sec. 11-1701 of District of Columbia Code to increase retirement salaries of certain retired judges. [Approved Sept. 19, 1966.] 2 p. * Paper, 5c.
- 15758 588. S. 2366, act to repeal certain provisions of act of Jan. 21, 1929 (45 Stat. 1091), as amended. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 15759 589. S. 2858, act to amend sec. 502 of Merchant marine act, 1936, relating to construction differential subsidies. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 15760 590. S. 3576, act to amend sec. 2241 of title 28, United States Code, with respect to jurisdiction and venue of applications for writs of habeas corpus by persons in custody under judgments and sentences of State courts. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 15761 591. H.R. 11087, act to amend District of Columbia income and franchise tax act of 1947, as amended, and District of Columbia business corporation act, as amended, with respect to certain foreign corporations. [Approved Sept. 19, 1966.] 3 p. * Paper, 5c.
- 15762 593. H.R. 14904, act to revise postal rates on certain 4th-class mail, and for other purposes. [Approved Sept. 20, 1966.] 7 p. * Paper, 5c.
- 15763 596. S. 254, act to authorize Secretary of Interior to construct, operate, and maintain Tualatin Federal reclamation project, Oreg., and for other purposes. [Approved Sept. 20, 1966.] 2 p. * Paper, 5c.
- 15764 597. H.R. 14026, act to provide for more flexible regulation of maximum rates of interest or dividends payable by banks and certain other financial institutions on deposits or share accounts, to authorize higher reserve requirements on time deposits at member banks, to authorize open market operations in agency issues by Federal Reserve banks, and for other purposes. [Approved Sept. 21, 1966.] 3 p. * Paper, 5c.
- 15765 598. S. 2263, act relating to composition of District of Columbia Court of General Sessions. Approved Sept. 21, 1966. 1 p. * Paper, 5c.
- 15766 599. S. 3051, act granting consent of Congress to compact between Missouri and Kansas creating Kansas City Area Transportation District and Kansas City Area Transportation Authority. [Approved Sept. 21, 1966.] 4 p. * Paper, 5c.
- 15767 600. H.R. 14205, act to declare Old Georgetown Market a historic landmark and to require its preservation and continued use as public market, and for other purposes. Approved Sept. 21, 1966. 1 p. * Paper, 5c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15768 601. H.R. 13712, act to amend Fair labor standards act of 1938 to extend its protection to additional employees, to raise minimum wage, and for other purposes. [Approved Sept. 23, 1966.] 15 p. * Paper, 10c.
- 15769 602. S. 3625, act to designate dam being constructed on Allegheny River, Pa., as Kinzua Dam, and lake to be formed by such dam in Pennsylvania and New York as Allegheny Reservoir. Approved Sept. 24, 1966. 1 p. * Paper, 5c.
- 15770 603. H.R. 11488, act to authorize grade of brigadier general in Medical Service Corps of Regular Army, and for other purposes. Approved Sept. 24, 1966. 1 p. * Paper, 5c.
- 15771 604. H.R. 6686, act to amend Civil Service retirement act in order to correct inequity in application of such act with respect to United States Botanic Garden and for other purposes. Approved Sept. 26, 1966. 1 p. * Paper, 5c.
- 15772 605. H.R. 13508, act to direct Secretary of Interior to cooperate with States of New York and New Jersey on program to develop, preserve, and restore resources of Hudson River and its shores and to authorize certain necessary steps to be taken to protect those resources from adverse Federal actions until States and Congress shall have had opportunity to act on that program. [Approved Sept. 26, 1966.] 2 p. * Paper, 5c.
- 15773 606. H.R. 15005, act to amend title 10, United States Code, to increase authorized numbers for grade of major, lieutenant colonel, and colonel in Air Force in order to provide active duty promotion opportunities for certain officers, and for other purposes. [Approved Sept. 26, 1966.] 2 p. * Paper, 5c.
- 15774 607. H.R. 3041, act to amend title 10, United States Code to exempt certain contractors from requirement for examination-of-records clause. [Approved Sept. 27, 1966.] 2 p. * Paper, 5c.
- 15775 608. H.R. 11979, act to extend authority for payment of special allowances to evacuated dependents of members of uniformed services, and for other purposes. Approved Sept. 30, 1966. 1 p. * Paper, 5c.
- 15776 609. H.R. 420, act to amend title 10, United States Code, to authorize commissioning of male persons in Regular Army in Army Nurse Corps, Army Medical Specialist Corps, Regular Navy in Nurse Corps and Regular Air Force with view to designation as Air Force nurses and medical specialists, and for other purposes. [Approved Sept. 30, 1966.] 4 p. * Paper, 5c.
- 15777 610. H.R. 11487, act to provide revenue for District of Columbia, and for other purposes. [Approved Sept. 30, 1966.] 5 p. * Paper, 5c.

ATOMIC ENERGY JOINT COMMITTEE Washington, D.C. 20515

- 15778 Proposed amendments to Price-Anderson act relating to waiver of defenses, hearings, 89th Congress, 2d session, July 19-21, 1966. 1966. v+345 p. il. * Paper, \$1.00. ● Item 999
L.C. card 66-62488 Y 4.At 7/2: P 93

ECONOMIC JOINT COMMITTEE Washington, D.C. 20510

- 15779 Job vacancy statistics, report of Subcommittee on Economic Statistics, 1966. v+6 p. (Joint committee print, 89th Congress, 2d session.) * Paper, 10c. ● Item 1000
L.C. card 66-61885 Y 4.Ec 7: J 57/2

HOUSE OF REPRESENTATIVES Washington, D.C. 20515

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 89th Congress.

- 15779A 235. Analysis of sources of information on population of Navaho [with bibliography]; by Denis Foster Johnston. 1966. v+220 p. il. map. * (Available in departmental edition, Cloth, \$2.00, SI 2.3:197, and sent to depositories in that form. See Entry no. 15498)
- 15780 314. Prayers offered by Chaplain Bernard Braskamp at opening of daily sessions of House of Representatives in 89th Congress to time of his demise, Jan. 4, 1965-Feb. 22, 1966. 1966. xviii+67 p. 1 por. † (To be sent to depository libraries in Serial set binding.)
L.C. card 28-3037
- 15781 377. Statistical abstract of United States, 1966 [National data book and guide to sources]. 87th annual edition. [1966.] [1]+xii+1039 p. il. [Prepared under direction of Edwin D. Goldfield, chief, Statistical Reports Division. Includes copyright material.] * (Available in departmental edition, cloth, \$3.75, C 3.134:966, and sent to depositories in that form. See Entry no. 15597.)

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 19

GOVERNMENT PUBLICATIONS

House documents, 89th Congress—Continued

- 15782 436. Animas-La Plata project, Colo. and N. Mex., letter from Secretary of Interior transmitting report; May 4, 1966. 1966. xxiv+289 p. il. 10 maps. 5 tab. [Some maps are colored.] † (To be sent to depositories libraries in Serial set binding).
L.C. card 66-62732
- 15783 452. Washington metropolitan area transit regulation compact, communication from President of United States, transmitting draft of proposed legislation to grant consent of Congress for Virginia and Maryland and District of Columbia to amend Washington metropolitan area transit regulation compact to establish organization empowered to provide transit facilities in National Capital region and for other purposes and to enact said amendment for District of Columbia; June 9, 1966. 1966. vi+30 p. †
● Item 996
- 15784 454. Amendment for appropriations for Department of Interior, fiscal year 1967. June 22, 1966. 2 p. † ● Item 996
- 15785 465. Unified national program for managing flood losses, communication from the President of United States transmitting report by Task Force on Federal Flood Control Policy, Aug. 10, 1966. 1966. viii+47 p. il. [Corrected print.] † ● Item 996
L.C. card 66-62313
- 15786 470. Constitution of United States, [text with] analytical index, unratified amendments [prepared by Charles J. Zinn]; Aug. 18, 1966. 1966. viii+72 p. [Revision of House document 112, 88th Congress.] * Paper, 25c. ● Item 996
- 15787 493. Small Business Administration budget [fiscal year] 1967 amendments. Sept. 12, 1966. 11 p. † ● Item 996

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 89th Congress. † House Document Room, Capitol. ● Item 1008-B

- 15788 1813. For relief of Mule Creek Oil Co., Inc., Delaware corporation. Report from Committee on Interior and Insular Affairs to accompany H.R. 8699. Aug. 5, 1966. 5 p.
- 15789 1815. Amend charter of Southeastern University of D.C. Report from Committee on District of Columbia to accompany H.R. 16608. Aug. 5, 1966. 7 p.
- 15790 1863. Amend charter of Trinity College of Washington, D.C. Report from Committee on District of Columbia to accompany H.R. 16940. Aug. 18, 1966. 4 p.
- 15791 1947. Gizella Erényi. Report from Committee on Judiciary to accompany H.R. 1227. Sept. 1, 1966. 4 p.
- 15792 1948. Maria Rossi. Report from Committee on Judiciary to accompany H.R. 2129. Sept. 1, 1966. 6 p.
- 15793 1952. Kim Kap Yung. Report from Committee on Judiciary to accompany H.R. 12826. Sept. 1, 1966. 4 p.
- 15794 1971. Dr. Alfredo Hernandez. Report from Committee on Judiciary to accompany S. 2865. Sept. 1, 1966. 4 p.
- 15795 1981. Dr. Alonso Portonondo. Report from Committee on Judiciary to accompany S. 3189. Sept. 2, 1966. 7 p.
- 15796 1984. Michael P. Buckley. Report from Committee on Judiciary to accompany H.R. 1890. Sept. 6, 1966. 4 p.
- 15797 1985. Herman Feldman. Report from Committee on Judiciary to accompany H.R. 4454. Sept. 6, 1966. 6 p.
- 15798 1989. Mrs. Elisabeth Manninen. Report from Committee on Judiciary to accompany H.R. 10249. Sept. 6, 1966. 4 p.
- 15799 1990. Leonard J. Dalton. Report from Committee on Judiciary to accompany H.R. 10662. Sept. 6, 1966. 6 p.
- 15800 1991. Chief Warrant Officer Joseph J. McGavin. Report from Committee on Judiciary to accompany H.R. 11467. Sept. 6, 1966. 6 p.
- 15801 1993. Arthur Anderson. Report from Committee on Judiciary to accompany H.R. 11946. Sept. 6, 1966. 4 p.
- 15802 1994. Nora Austin Hendrickson. Report from Committee on Judiciary to accompany H.R. 13134. Sept. 6, 1966. 4 p.
- 15803 1995. Cecil A. Rhodes. Report from Committee on Judiciary to accompany H.R. 13459. Sept. 6, 1966. 4 p.
- 15804 1996. Sp5c Ronald J. Olson. Report from Committee on Judiciary to accompany H.R. 13800. Sept. 6, 1966. 3 p.
- 15805 1997. Thomas C. Macpherson, jr. Report from Committee on Judiciary to accompany H.R. 14525. Sept. 6, 1966. 4 p.
- 15806 2001. Walter W. Taylor. Report from Committee on Judiciary to accompany H.R. 15251. Sept. 6, 1966. 4 p.
- 15807 2002. Leonard G. Duffy. Report from Committee on Judiciary to accompany H.R. 15297. Sept. 6, 1966. 3 p.
- 15808 2003. H. Foster Hunter. Report from Committee on Judiciary to accompany H.R. 1269. Sept. 6, 1966. 4 p.
- 15809 2006. Lt. Samuel R. Rondberg. Report from Committee on Judiciary to accompany S. 766. Sept. 6, 1966. 3 p.
- 15810 2007. Kermit Wager, of Lebanon, S. Dak. Report from Committee on Judiciary to accompany S. 1571. Sept. 6, 1966. 4 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15811 2008. Donald I. Abbott. Report from Committee on Judiciary to accompany S. 2177. Sept. 6, 1966. 4 p.
- 15812 2022. Mr. and Mrs. William Nussbaum. Report from Committee on Judiciary to accompany H.R. 14819. Sept. 12, 1966. 4 p.
- 15813 2023. Eugene G. Peterson, Harry E. Byers, and Russell W. Jordan. Report from Committee on Judiciary to accompany H.R. 16977. Sept. 12, 1966. 4 p.
- 15814 2024. Dino J. Caterini. Report from Committee on Judiciary to accompany H.R. 17259. Sept. 12, 1966. 3 p.
- 15815 2025. Robert A. Jellison. Report from Committee on Judiciary to accompany H.R. 17260. Sept. 12, 1966. 3 p.
- 15816 2026. Augustus J. Theodore. Report from Committee on Judiciary to accompany H.R. 17261. Sept. 12, 1966. 3 p.
- 15817 2028. Dr. Eric J. Lazaro. Report from Committee on Judiciary to accompany H.R. 3526. Sept. 12, 1966. 4 p.
- 15818 2029. Dr. Miguel Angel Martinez y Corpas. Report from Committee on Judiciary to accompany H.R. 3530. Sept. 12, 1966. 4 p.
- 15819 2030. Dr. Julio Cesar Muniz y Sotolongo. Report from Committee on Judiciary to accompany H.R. 3531. Sept. 12, 1966. 4 p.
- 15820 2031. Dr. Jose A. G. Mendoza, Rosa Centurion Mendoza, Rosa Maria Mendoza, Jose Antonio Mendoza, Raimundo Mendoza, and Ernesto Mendoza. Report from Committee on Judiciary to accompany H.R. 6115. Sept. 12, 1966. 4 p.
- 15821 2032. Dr. Emilio V. Soto. Report from Committee on Judiciary to accompany H.R. 7579. Sept. 12, 1966. 3 p.
- 15822 2033. Dr. Antonio B. Santillano. Report from Committee on Judiciary to accompany H.R. 10288. Sept. 12, 1966. 3 p.
- 15823 2034. Dr. Luis Anglo. Report from Committee on Judiciary to accompany H.R. 11516. Sept. 12, 1966. 3 p.
- 15824 2035. Nermin Demirbag Lavapies. Report from Committee on Judiciary to accompany H.R. 13192. Sept. 12, 1966. 5 p.
- 15825 2036. Renato Camacho Castro. Report from Committee on Judiciary to accompany H.R. 14984. Sept. 12, 1966. 4 p.
- 15826 2037. Authorizing Secretary of Interior to convey certain lands in Plumas County, Calif., to C. A. Lundy. Report from Committee on Interior and Insular Affairs to accompany H.R. 3104. Sept. 12, 1966. 5 p.
- 15827 2053. Dr. Bienvenido Benach Carreras. Report from Committee on Judiciary to accompany H.R. 6226. Sept. 21, 1966. 4 p.
- 15828 2054. Dr. Hilda Wenceslao Perez de Gonzalez. Report from Committee on Judiciary to accompany H.R. 6658. Sept. 21, 1966. 4 p.
- 15829 2055. Dr. Myriam de la Caridad Ares y Fernandez de Bosch. Report from Committee on Judiciary to accompany H.R. 6899. Sept. 21, 1966. 4 p.
- 15830 2056. Dr. Allan Bauman. Report from Committee on Judiciary to accompany H.R. 10259. Sept. 21, 1966. 5 p.
- 15831 2057. Dr. Pedro Raphael. Report from Committee on Judiciary to accompany H.R. 11224. Sept. 21, 1966. 3 p.
- 15832 2058. Dr. Jacinta Llorens. Report from Committee on Judiciary to accompany H.R. 11590. Sept. 21, 1966. 3 p.
- 15833 2059. Dr. Augusto J. Fernandez-Conde. Report from Committee on Judiciary to accompany H.R. 12317. Sept. 21, 1966. 3 p.
- 15834 2060. Mario P. Navarro. Report from Committee on Judiciary to accompany H.R. 13101. Sept. 21, 1966. 3 p.
- 15835 2061. Dr. Antonio Rondon Delgado. Report from Committee on Judiciary to accompany H.R. 16610. Sept. 21, 1966. 3 p.

House reports on public bills, 89th Congress. † House Document Room, Capitol. (Nos. 1643, 2081, 2087, and 2257 are sold by Superintendent of Documents.) ● Item 1008-A

- 15836 1626. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. June 16, 1966. 2 p.
- 15837 1637. Authorizing study of facilities and services for visitors to Nation's Capital. Report from Committee on Public Works to accompany H.R. 14604. June 18, 1966. 6 p.
- 15838 1638. Marine Corps general officers. Report from Committee on Armed Services to accompany H.R. 14741. June 20, 1966. 12 p.
- 15839 1639. Removing inequities in active duty promotion opportunities of certain Air Force officers. Report from Committee on Armed Services to accompany H.R. 15005. June 20, 1966. 11 p.
- 15840 1640. Two-year extension of Federal reserve direct purchase authority. Report from Committee on Banking and Currency to accompany S. 3368. June 21, 1966.
- 15841 1641. Consideration of H.R. 13196. Report from Committee on Rules to accompany H. Res. 892. June 21, 1966. 1 p.
- 15842 1642. Consideration of H.R. 15119. Report from Committee on Rules to accompany H. Res. 893. June 21, 1966. 1 p.
- 15843 1643. Unshackling local government, survey of proposals by Advisory Commission on Intergovernmental Relations. 30th report by Committee on Government Operations; June 22, 1966. 1966. viii+47 p. * Paper, 20c. L.C. card 66-62038
- 15844 1645. Making further provision for retirement of Comptroller General. Report from Committee on Government Operations to accompany S. 3150. June 22, 1966. 8 p.
- 15845 1646. Consideration of S. 3368. Report from Committee on Rules to accompany H. Res. 894. June 22, 1966. 1 p.

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 21

GOVERNMENT PUBLICATIONS

House reports on public bills, 89th Congress—Continued

- 15846 1647. Increase in FNMA borrowing authority. Report from Committee on Banking and Currency to accompany H.R. 15639. June 22, 1966. 9 p. [Includes minority and supplemental views.]
- 15847 1648. Separating storm and sanitary sewers in urban renewal (water pollution control and abatement). 32d report by Committee on Government Operations; June 23, 1966. v+20 p.
L.C. card 66-62024
- 15848 1649. 11th NATO Parliamentarians' Conference. report of United States House of Representatives delegation to 11th conference of members of parliament from NATO countries, held in New York City, Oct. 4-9, 1965, pursuant to Public law 689, 84th Congress; June 23, 1966. 1966. v+47 p.
L.C. card 57-61187
- 15849 1650. Amending National Science Foundation act of 1950 to make improvements in organization and operation of Foundation. Report from Committee on Science and Astronautics to accompany H.R. 14838. June 23, 1966. 54 p.
L.C. card 66-62036
- 15850 1651. Foreign assistance act of 1966. Report of Committee on Foreign Affairs on H.R. 15750; June 23, 1966. 1966. iv+91 p. [Includes supplemental, separate and minority views.]
- 15851 1653. Amending District of Columbia practical nurses' licensing act. Report from Committee on District of Columbia to accompany H.R. 8337. June 24, 1966. 6 p.
- 15852 1654. Credit insurance with respect to student loans. Report from Committee on District of Columbia to accompany H.R. 10823. June 24, 1966. 7 p.
- 15853 1656. Amend District of Columbia police and firemen's salary act. Report from Committee on District of Columbia to accompany H. R. 15857. June 24, 1966. 12 p.
- 15854 1659. Shrine convention in District of Columbia. Report from Committee on District of Columbia to accompany H.J. Res. 1178. June 24, 1966. 4 p. 4^o
- 15855 1660. Providing that common-law marriages may not be contracted in District of Columbia. Report from Committee on District of Columbia to accompany H.R. 5426. June 24, 1966. 3 p.
- 15856 1662. Continuing appropriations, 1967. Report from Committee on Appropriations to accompany H.J. Res. 1180. June 27, 1966. 3 p.
- 15857 1665. San Juan Island National Historical Park, Wash. Report from Committee on Interior and Insular Affairs to accompany H.R. 2623. June 27, 1966. 7 p.
- 15858 1667. Consideration of H.R. 5256. Report from Committee on Rules to accompany H. Res. 895. June 27, 1966. 1 p.
- 15859 1669. Consideration of H.R. 14741. Report from Committee on Rules to accompany H. Res. 897. June 27, 1966. 1 p.
- 15860 1670. Consideration of H.R. 15005. Report from Committee on Rules to accompany H. Res. 898. June 27, 1966. 1 p.
- 15861 1671. Extending civil defense emergency authorities. Report from Committee on Armed Services to accompany H.R. 13125. June 27, 1966. 8 p.
- 15862 1680. Consideration of H.R. 15750. Report from Committee on Rules to accompany H. Res. 906. June 30, 1966. 1 p.
- 15863 1795. Authorizing establishment and operation of sea grant colleges and programs. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 16559. Aug. 1, 1966. 18 p.
L.C. card 66-62063
- 15864 1801. Authorizing Administrator of General Services to accept title to John Fitzgerald Kennedy Library, and for other purposes. Report from Committee on Government Operations to accompany H.J. Res. 1207. Aug. 2, 1966. 26 p.
- 15865 1802. Amending National school lunch act. Report from Committee on Education and Labor to accompany S. 3467. Aug. 3, 1966. 23 p.
- 15866 1807. Philippine hospitalization and medical care. Report from Committee on Veterans' Affairs to accompany H.R. 16330. Aug. 4, 1966. 9 p.
- 15867 1808. War orphans' training for children of certain Philippine veterans. Report from Committee on Veterans' Affairs to accompany H.R. 16367. Aug. 4, 1966. 7 p.
- 15868 1810. False representations by mail. Report from Committee on Post Office and Civil Service to accompany H.R. 16706. Aug. 4, 1966. 8 p.
- 15869 1812. Repealing certain provisions of act of Jan. 21, 1929 (45 Stat. 1091), as amended. Report from Committee on Interior and Insular Affairs to accompany S. 2366. Aug. 5, 1966. 5 p.
- 15870 1816. Amend Presidential inaugural ceremonies act. Report from Committee on District of Columbia to accompany H.R. 6143. Aug. 5, 1966. 4 p.
- 15871 1817. Remove limit on authority of D.C. Commissioners to settle claims of District of Columbia in escheat cases. Report from Committee on District of Columbia to accompany H.R. 15706. Aug. 5, 1966. 5 p.
- 15872 1818. Expand membership of Police Department band. Report from Committee on District of Columbia to accompany H.R. 8205. Aug. 5, 1966. 6 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15873 1820. Creating independent Federal Maritime Administration. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 11696. Aug. 8, 1966. 16 p.
- 15874 1833. Consideration of H.R. 11696. Report from Committee on Rules to accompany H. Res. 967. Aug. 11, 1966. 1 p.
- 15875 1870. Connecticut River National Recreation Area. Report from Committee on Interior and Insular Affairs to accompany S. 3510. Aug. 24, 1966. 4 p.
- 15876 1876. Consideration of H.R. 11880. Report from Committee on Rules to accompany H. Res. 977. Aug. 24, 1966. 1 p.
- 15877 1879. Consideration of H.R. 16330. Report from Committee on Rules to accompany H. Res. 980. Aug. 24, 1966. 1 p.
- 15878 1880. Consideration of H.R. 16367. Report from Committee on Rules to accompany H. Res. 981. Aug. 24, 1966. 1 p.
- 15879 1884. Federal tax lien act of 1966. Report of Committee on Ways and Means to accompany H.R. 11256: Aug. 24, 1966. 1966. v+123 p.
L.C. card 66-62481
- 15880 1886. Department of Defense appropriations, 1967. Conference report to accompany H.R. 15941. Aug. 24, 1966. 6 p.
- 15881 1887. Military construction authorization, fiscal year 1967. Conference report to accompany S. 3105. Aug. 24, 1966. 44 p.
- 15882 1888. Printing of hearings on supplemental foreign assistance, fiscal year 1966, Vietnam. Conference report to accompany S. Con. Res. 77. Aug. 25, 1966. 2 p.
- 15883 1891. National Commission on Reform of Federal Criminal Laws. Report from Committee on Judiciary to accompany H.R. 15766. Aug. 25, 1966. 7 p.
- 15884 1892. Habeas corpus, State custody. Report from Committee on Judiciary to accompany H.R. 5958. Aug. 25, 1966. 37 p.
L.C. card 66-62478
- 15885 1893. Civil action venue amendment. Report from Committee on Judiciary to accompany H.R. 7382. Aug. 25, 1966. 4 p.
- 15886 1894. Habeas corpus, jurisdiction and venue amendments. Report from Committee on Judiciary to accompany H.R. 7618. Aug. 25, 1966. 9 p.
- 15887 1896. Pictured Rocks National Lakeshore, Mich. Report from Committee on Interior and Insular Affairs to accompany H.R. 8678. Aug. 25, 1966. 16 p.
L.C. card 66-62480
- 15888 1898. To amend act of Aug. 24, 1935, to require certain contractors with United States to give affidavit with respect to payment of subcontractors. Report from Committee on Judiciary to accompany H.R. 4497. Aug. 25, 1966. 9 p.
- 15889 1899. City of Umatilla, Oreg. Report from Committee on Judiciary to accompany H.R. 6103. Aug. 25, 1966. 4 p.
- 15890 1900. Consideration of H.R. 13361. Report from Committee on Rules to accompany H. Res. 990. Aug. 25, 1966. 1 p.
- 15891 1914. Washington Metropolitan Area Transit Authority. Report together with additional views from Committee on Judiciary to accompany H.J. Res. 1163. Aug. 30, 1966. 59 p. [Corrected print.]
L.C. card 66-62649
- 15892 1916. Establishing program for preservation of additional historic properties throughout Nation. Report from Committee on Interior and Insular Affairs to accompany S. 3035. Aug. 30, 1966. 18 p. [Corrected print.]
- 15893 1917. Hudson River Basin compact. Report from Committee on Interior and Insular Affairs to accompany H.R. 13508. Aug. 30, 1966. 22 p.
- 15894 1924. Authorizing Secretary of Health, Education, and Welfare to make certain grants to Menominee Indian people of Menominee County, Wis. Report from Committee on Interior and Insular Affairs to accompany H.R. 8034. Aug. 31, 1966. 14 p.
- 15895 1928. Committee on Un-American Activities, annual report for year 1965 (89th Congress, 1st session); Aug. 31, 1966. 1966. ix+67+vii p.
L.C. card 46-26390
- 15896 1930. Amending certain provisions of Welfare and pension plans disclosure act. Report from Committee on Education and Labor to accompany H.R. 11778. Sept. 1, 1966. 9 p.
- 15897 1931. Demonstration cities and metropolitan development act of 1966. Report from Committee on Banking and Currency to accompany S. 3708. Sept. 1, 1966. 169 p. [Includes minority and other views.]
L.C. card 66-62627
- 15898 1959. Consideration of H.R. 13825. Report from Committee on Rules to accompany H. Res. 1006. Sept. 1, 1966. 1 p.
- 15899 2004. Fair labor standards amendments of 1966. Conference report to accompany H.R. 13712. Sept. 6, 1966. 22 p.
- 15900 2009. Audit of Disabled American Veterans accounts. Report from Committee on Veterans' Affairs to accompany H.R. 15358. Sept. 7, 1966. 4 p.
- 15901 2010. NSLI refunds, Philippine peso payments. Report from Committee on Veterans' Affairs to accompany H.R. 16557. Sept. 7, 1966. 12 p.
- 15902 2011. Veterans pension act of 1966. Report from Committee on Veterans' Affairs to accompany H.R. 17488. Sept. 7, 1966. 29 p.
- 15903 2012. Creating Select Committee on Standards and Conduct. Report from Committee on Rules to accompany H. Res. 1013. Sept. 7, 1966. 1 p.
- 15904 2014. Granting additional travel authority to Committee on Public Works. Report from Committee on Rules to accompany H. Res. 968. Sept. 7, 1966. 1 p.

GOVERNMENT PUBLICATIONS

House reports on public bills, 89th Congress—Continued

- 15905 2015. Granting additional travel authority to Committee on Public Works. Report from Committee on Rules to accompany H. Res. 969. Sept. 7, 1966. 1 p.
- 15906 2017. Manpower development and training amendments of 1966. Report from Committee on Education and Labor to accompany H.R. 16715. Sept. 8, 1966. 23 p.
- 15907 2019. District of Columbia appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17636. Sept. 9, 1966. 28 p.
- 15908 2020. Military construction appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17637. Sept. 9, 1966. 63 p.
- 15909 2021. Water pollution control. Report of Committee on Public Works with supplementary and additional views on H.R. 16076; Sept. 9, 1966. 1966. iii+97 p.
L.C. card 66-62648
- 15910 2039. Repealing coolly trade laws. Report from Committee on Judiciary to accompany H.R. 825. Sept. 12, 1966. 4 p.
- 15911 2041. Authorizing Secretary of Interior to convey certain lands in Maine to Mount Desert Island Regional School District. Report from Committee on Interior and Insular Affairs to accompany S. 3261. Sept. 12, 1966. 3 p.
- 15912 2042. Update Federal seed act. Report from Committee on Agriculture to accompany H.R. 15662. Sept. 14, 1966. 22 p.
- 15913 2043. Amendments to Price-Anderson indemnity provisions of Atomic energy act of 1954, as amended, pertaining to waiver of defenses. Report from Joint Committee on Atomic Energy to accompany H.R. 17685. Sept. 14, 1966. 33 p.
- 15914 2044. Public works appropriations bill, 1967. Report from Committee on Appropriations to accompany H.R. 17787. Sept. 15, 1966. 94 p.
- 15915 2045. Foreign assistance and related agencies appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17788. Sept. 16, 1966. 38 p. [Includes additional views of Mr. Conte.]
- 15916 2046. Rural renewal amendments. Report from Committee on Agriculture to accompany H.R. 13669. Sept. 19, 1966. 5 p.
- 15917 2047. Increasing positions in GS-16, 17, and 18. Conference report to accompany S. 2393. Sept. 20, 1966. 6 p.
- 15918 2049. Reorganization plan no. 5 of 1966 (National Capital Regional Planning Council). 37th report by Committee on Government Operations; Sept. 21, 1966. 1966. v+7 p.
- 15919 2051. Crisis in NATO. Report of Subcommittee on Europe of Committee on Foreign Affairs on hearings held Mar. 17-June 13, 1966, pursuant to H. Res. 84; Sept. 21, 1966. 1966. ix+13 p. [Also issued in committee print form.]
- 15920 2065. Amending act to establish Advisory Commission on Intergovernmental Relations, approved Sept. 24, 1959. Report from Committee on Government Operations to accompany H.R. 15335. Sept. 22, 1966. 12 p.
- 15921 2066. Three vested German paintings. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 12543. Sept. 22, 1966. 7 p.
- 15922 2067. Point Reyes National Seashore, Calif. Report from Committee on Interior and Insular Affairs to accompany S. 1607. Sept. 22, 1966. 10 p.
L.C. card 66-62730
- 15923 2071. Consideration of H.R. 51. Report from Committee on Rules to accompany H. Res. 1024. Sept. 23, 1966. 1 p.
- 15924 2072. Consideration of H.R. 13161. Report from Committee on Rules to accompany H. Res. 1025. Sept. 23, 1966. 1 p.
- 15825 2073. Consideration of H.R. 16076. Report from Committee on Rules to accompany H. Res. 1026. Sept. 23, 1966. 1 p.
- 15926 2074. Consideration of H.R. 17685. Report from Committee on Rules to accompany H. Res. 1027. Sept. 23, 1966. 1 p.
- 15927 2075. Food for peace. Conference report to accompany H.R. 14929. Sept. 23, 1966. 21 p.
L.C. card 66-62762
- 15928 2076. Fair packaging and labeling act. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 15440. Sept. 23, 1966. 29 p.
L.C. card 66-62761
- 15929 2080. Better management needed of medical research on aging. 38th report by Committee on Government Operations, Sept. 26, 1966. 1966. v+27 p.
L.C. card 66-62726
- 15930 2081. Use of polygraphs as lie detectors by Federal Government, pt. 2. 39th report by Committee on Government Operations; Sept. 26, 1966. 1966. v+700 p. [Includes additional views.] * Paper, 25c.
L.C. card 65-61032
- 15931 2086. Establish contiguous fisheries zone beyond territorial sea of United States. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 9531. Sept. 26, 1966. 16 p.
L.C. card 66-62724
- 15932 2087. Suspensions of investment credit and accelerated depreciation. Report of Committee on Ways and Means to accompany H.R. 17607; Sept. 26, 1966. 1966. iv+49 p. [Includes concurring and dissenting views.] * Paper, 20c.
L.C. card 66-62727

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 15933 2140. Geothermal steam. Report from Committee on Interior and Insular Affairs to accompany S. 1674. Sept. 28, 1966. 36 p.
- 15934 2141. Disaster relief act of 1966. Report of Committee on Public Works with minority and supplementary views on S. 1861; Sept. 28, 1966. 1966. ii+63 p.
- 15935 2154. Fur seal act of 1966. Report from Committee on Merchant Marine and Fisheries to accompany S. 2102. Sept. 29, 1966. 33 p.
- 15936 2157. Reserve for certain guaranteed debt obligations. Report from Committee on Ways and Means to accompany H.R. 11782. Sept. 30, 1966. 13 p.
- 15937 2159. Small business investment act amendments of 1966. Report together with supplemental views from Committee on Banking and Currency to accompany H.R. 18021. Sept. 30, 1966. 26 p.
- 15938 2160. Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriation bill, fiscal year 1967. Report from Committee on Appropriations to accompany H.R. 18119. Sept. 30, 1966. 43 p.
- 15939 2162. Authorizing Secretary of Interior to preserve, protect, develop, restore, and make accessible estuarine areas of Nation. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 13447. Sept. 30, 1966. 39 p.
L.C. card 66-62672
- 15940 2164. Continuing Federal airport program. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 13665. Sept. 30, 1966. 20 p.
- 15941 2165. Authorizing production of fish protein concentrate. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 14699. Sept. 30, 1966. 20 p.
L.C. card 66-62671
- 15942 2166. Child protection act of 1966. Report from Committee on Interstate and Foreign Commerce to accompany S. 3298. Oct. 1, 1966. 33 p.
L.C. card 66-62673
- 15943 2167. Veterinary medical education act of 1966. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 3348. Oct. 1, 1966. 19 p.
L.C. card 66-62675
- 15944 2168. Animal drug amendments of 1966. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 16474. Oct. 1, 1966. 48 p.
- 15945 2169. Amending Railroad retirement act of 1937 and Railroad retirement tax act. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 17285. Oct. 1, 1966. 37 p.
- 15946 2170. Clean air act amendments of 1966. Report from Committee on Interstate and Foreign Commerce to accompany S. 3112. Oct. 1, 1966. 16 p.
- 15947 2171. Amending Railroad retirement act of 1937, Railroad unemployment insurance act, and Railroad retirement tax act. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 14355. Oct. 1, 1966. 53 p.
- 15948 2184. Highway construction practices in Louisiana and related matters: pt. 1, Construction practices; pt. 2, Record sampling program; pt. 3, Secondary road program. 9th interim report of Special Subcommittee on Federal-Aid Highway Program to Committee on Public Works Oct. 4, 1966. 1966. v+196 p.
- 15949 2192. To remove promotion restrictions on women in Armed Forces, and for other purposes. Report from Committee on Armed Services to accompany H.R. 16000. Oct. 5, 1966. 108 p.
- 15950 2257. Investigation of U.S. economic and military assistance programs in Vietnam. 42d report by Committee on Government Operations; Oct. 12, 1966. 1966. viii+130 p. il. [Includes additional views.] * Paper. 40c.

Agriculture Committee, House

Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. † ● Item 1010

- 15951 QQ. Sale of grain storage facilities, hearing before Subcommittee on Domestic Marketing and Consumer Relations, 89th Congress, 2d session, on H.R. 12360, July 18, 1966. 1966. iii+30 p.
L.C. card 66-62397 Y 4.Ag 8/1: G 76/15
- 15952 SS. Amend Federal seed act, hearing, 89th Congress, 2d session, on H.R. 15662, H.R. 16280, H.R. 16397, H.R. 16737 and H.R. 16889, Aug. 23, 1966. 1966. iii+20 p.
L.C. card 66-62613 Y 4.Ag 8/1: Se 3/12/966
- 15953 TT. Bread prices, hearings before Subcommittee on Wheat, 89th Congress, 2d session, Aug. 8-17, 1966. 1966. iii+200 p. il. Y 4.Ag 8/1: B 74/3
- 15954 Food costs, farm prices, compilation of information relating to agriculture, 89th Congress, 2d session; Sept. 1966. 1966. xi+96 p. il. (Committee print, 89th Congress, 2d session.) ‡
L.C. card 66-62310 Y 4.Ag 8/1: F 73/22/966-2

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Appropriations Committee, House *Washington, D.C. 20515*

- 15955 Departments of State, Justice, Commerce, the Judiciary, and related agencies appropriations for 1967, hearings before subcommittee, 89th Congress, 2d session: American Battle Monuments Commission, civil rights educational activities, Commission on Civil Rights, Equal Employment Opportunity Commission, Federal Maritime Commission, Foreign Claims Settlement Commission, President's Commission on Law Enforcement and Administration of Justice and on Crime in District of Columbia, Small Business Administration, Special Representative for Trade Negotiations, Subversive Activities Control Board, testimony of Members of Congress, interested individuals, and organizations, Arms Control and Disarmament Agency, U.S. Information Agency, Tariff Commission, 1966. ii+812+vi p. il. † ● Item 1011
L.C. card 66-62606 Y 4.Ap 6/1: St 2/3/967
- 15956 — Department of Commerce. 1966. ii+1022+viii p. il. † ● Item 1011
L.C. card 66-62586 Y 4.Ap 6/1: C 73/2/967
- 15957 — Department of Justice. 1966. ii+467+iv p. il. † ● Item 1011
L.C. card 61-61434 Y 4.Ap 6/1: J 98/967
- 15958 — Department of State. 1966. ii+944+vi p. † ● Item 1011
L.C. card 60-60934 Y 4.Ap 6/1: St 2/967
- 15959 — The Judiciary. 1966. ii+137+iii p. il. † ● Item 1011
L.C. card 60-60885 Y 4.Ap 6/1: J 89/967
- 15960 Supplemental appropriation bill, 1967, hearings before subcommittees, 89th Congress, 2d session. ● Item 1011
L.C. card 66-62776 Y 4.Ap 6/1: Ap 6/2/967/pt.1
pt. 1. Office of Economic Opportunity, Office of Education; [Oct. 3-5, 1966]. 1966. ii+1-606+vi p. il.

Armed Services Committee, House *Washington, D.C. 20515*

[Papers], 89th Congress. † ● Item 1012 Y 4.Ar 5/2a: 965-966/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 15961 85. Report of Special Subcommittee visiting American military installations and NATO bases in France, by special subcommittee, 89th Congress, 2d session, Sept. 12, 1966. 1966. v+10377-651 p.
L.C. card 66-62401
- 15962 86. Hearings on H.R. 16435 and H.R. 17195 to amend titles 10, 14, 32 and 37, United States Code, to strengthen Reserve components of Armed Forces, and clarify status of National Guard technicians, and for other purposes, before subcommittee no. 2 and full committee, Aug. 4-29, 1966. 1966. ii+10653-817 p.
L.C. card 66-62399

Banking and Currency Committee, House *Washington, D.C. 20515*

- 15963 Financial institutions supervisory and insurance act of 1966, hearings, 89th Congress, 2d session, on S. 3158 (superseded by H.R. 17899) to strengthen regulatory and supervisory authority of Federal agencies over insured savings and loan associations and for other purposes and S. 3695 (superseded by H.R. 18021) to amend Small business investment act of 1958 and for other purposes), Sept. 15-22, 1966. 1966. iv+266 p. † ● Item 1013
L.C. card 66-62611 Y 4.B 22/1: F 49/9
- 15964 Retirement of \$30 billion of Government bonds held by Federal reserve banks, hearings, 89th Congress, 1st session, on H.R. 7601, July 6 and 7, 1965. 1966. iii+101 p. † ● Item 1013
L.C. card 66-62775 Y 4.B 22/1: B 64/2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

District of Columbia Committee, House
Washington, D.C. 20515

- 15965 Revise District of Columbia alcoholic beverage control act, hearings before subcommittee no. 4, 89th Congress, 1st and 2d sessions, on H.R. 3316, H.R. 3317, and H.R. 10744, to amend District of Columbia alcoholic beverage control act, Sept. 8, 1965, H.R. 2101, H.R. 5418, H.R. 6702, H.R. 7007, and H.R. 11286, to prohibit sale of alcoholic beverages to persons under 21, July 13 and 27, 1966. 1966. v+146 p. † ● Item 1014
L.C. card 66-62250 Y 4.D 63/1 : A1 1/10/966

Education and Labor Committee, House
Washington, D.C. 20515

- 15966 Model secondary school for deaf, hearings before Ad Hoc Subcommittee on the Handicapped, 89th Congress, 2d session, on H.R. 17190, Sept. 13 and 14, 1966. 1966. iii+75 p. il. † ● Item 1015
L.C. card 66-62629 Y 4.Ed 8/1 : D 34/2

Foreign Affairs Committee, House
Washington, D.C. 20515

- 15967 Amending act relating to U.S. participation in HemisFair 1968 Exposition, hearing before Subcommittee on International Organizations and Movements, 89th Congress, 2d session, on H.R. 15098, June 29, 1966. 1966. iii+56 p. † ● Item 1017
L.C. card 66-61957 Y 4.F 76/1 : H 37/966
- 15968 Central America, some observations on its Common Market, binational centers, and housing programs, report of Roy H. McVicker of Subcommittee on Inter-American Affairs, pursuant to H. Res. 84; Aug. 4, 1966. 1966. vii+33 p. (Subcommittee print, 89th Congress, 2d session.) ‡
L.C. card 66-62773 Y 4.F 76/1 : C 33
- 15969 United States-South African relations, hearings before Subcommittee on Africa, 89th Congress, 2d session. ● Item 1017
L.C. card 66-61379 Y 4.F 76/1 : So 9/9/pt.4
pt. 4. Aug. 8, 1966. 1966. iii+513-553 p. †

Government Operations Committee, House
Washington, D.C. 20515

- 15970 Creating Department of Consumers, hearings before subcommittee, 89th Congress, 2d session, on H.R. 7179, Apr. 19-Aug. 16, 1966. 1966. iv+311 p. † ● Item 1016
L.C. card 66-62631 Y 4.G 74/7 : C 76/3
- 15971 Drug safety, hearings before subcommittee, 89th Congress, 1st session. ● Item 1016
L.C. card 64-65581 Y 4.G 74/7 : D 84/2/pt. 4
pt. 4. July 20-Sept. 24, 1965. 1966. v+1437-1860 p. il. 1 pl. †
- 15972 Evaluation of donable property program, 1966, hearings before subcommittee, 89th Congress, 2d session, Aug. 23 and 24, 1966. 1966. v+167 p. il. † ● Item 1016
L.C. card 66-62630 Y 4.G 74/7 : P 94/4/966
- 15973 Government use of satellite communications, hearings before subcommittee, 89th Congress, 2d session, Aug. 15-Sept. 14, 1966. 1966. xii+850 p. il. * Paper, \$2.25. ● Item 1016
L.C. card 66-62718 Y 4.G 74/7 : C 73/5
- 15974 Water pollution, Great Lakes, hearing before subcommittee, 89th Congress 2d session. ● Item 1016
L.C. card 66-62484 Y 4.G 74/7 : W 29/2/pt. 1
pt. 1. Lake Ontario and Lake Erie, July 22, 1966. 1966. vi+1-280 p. il. †

GOVERNMENT PUBLICATIONS

Interior and Insular Affairs Committee, House Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. ● Item 1023

- 15975 27. Virgin Islands, elective Governor and legislative redistricting, hearings before Subcommittee on Territorial and Insular Affairs, 89th Congress, 2d session, on H.R. 11777 and H.R. 13277, Mar. 8-Apr. 27, 1966. 1966. iv+150 p. †
L.C. card 66-62168 Y 4.In 8/14: 89-27

Interstate and Foreign Commerce Committee, House Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. † ● Item 1019

Y 4.In 8/4: 89-(nos.)

- 15976 39. Amend Hours of service act of 1907, hearings before Subcommittee on Transportation and Aeronautics, 89th Congress, 2d session, on H.R. 5196, and similar bills, June 24-Sept. 16, 1966. 1966. viii+531 p. il.
L.C. card 66-62613
- 15977 40. Northeast power failure, Nov. 9-10, 1965, hearings before Special Subcommittee to Investigate Power Failures, 89th Congress, 1st and 2d sessions; Dec. 15, 1965-Feb. 25, 1966. 1966. pt. 1, iii+1-127 p.
L.C. card 66-62633
- 15978 42. Investigation of HEW, hearings before Special Subcommittee on Investigation of Department of Health, Education, and Welfare, 89th Congress, 2d session, on organization of Department of Health, Education, and Welfare, Apr. 18-June 20, 1966. 1966. v+435+A121 p. 1 pl.
L.C. card 66-62614
- 15979 43. Child safety act and personnel training hearings before Subcommittee on Public Health and Welfare, 89th Congress, 2d session, on H.R. 13884, H.R. 14634, H.R. 13886, H.R. 14557, H.R. 14632, June 24-Sept. 19, 1966. 1966. vi+336 p. il.
L.C. card 66-62632
- 15980 44. Fair packaging and labeling, hearings, 89th Congress, 2d session, on H.R. 15440, S. 985, and similar bills, July 26-Sept. 8, 1966. 1966. pt. 1, v+1-623 p. il.
L.C. card 66-62482
- 15981 45. Fair packaging and labeling, hearings, 89th Congress, 2d session, on H.R. 15440, S. 985, and similar bills, July 26-Sept. 8, 1966. 1966. pt. 2, ix+625-1169 p. il.
L.C. card 66-62482
- 15982 48. Clean air act amendments of 1966, hearings before Subcommittee on Public Health and Welfare, 89th Congress, 2d session, on H.R. 13199, S. 3112, Sept. 27, 1966. 1966. iii+126 p. il.
L.C. card 66-62635

Judiciary Committee, House Washington, D.C. 20515

[Committee hearings] serial, 89th Congress. ● Item 1020

- 15983 18. D.C. area transit compact, hearings before subcommittee no. 3, 89th Congress, 2d session, on H.J. Res. 1163 [and other bills], July 20-Aug. 3, 1966. 1966. iv+1-75b, 76-292 p. * Paper, \$1.00.
L.C. card 66-62410 Y 4.J 89/1: 89/18

Merchant Marine and Fisheries Committee, House Washington, D.C. 20515

[Committee hearing] serial, 89th Congress. ● Item 1021

- 15984 27. Independent Federal Maritime Administration, hearings before Subcommittee on Merchant Marine, 89th Congress, 2d sessions, on H.R. 11355 [and other bills], July 20-29, 1966. 1966. vi+226 p. il. 3 pl. †
L.C. card 66-62164 Y 4.M 53: 89-27

Post Office and Civil Service Committee, House Washington, D.C. 20515

- 15985 1970 census questions, hearings, 89th Congress, 2d session, Aug. 23-25, 1966. 1966. iv+131 p. il. 1 pl. † ● Item 1022
L.C. card 66-62615 Y 4.P 84/10: C 33/10
- 15986 Smithsonian Institution executive salary act, hearing before Subcommittee on Compensation, 89th Congress, 2d session, on H.R. 15727, Aug. 17, 1966. 1966. iii+10 p. † ● Item 1022
L.C. card 66-626400 Y 4.P 84/10: Sm 6

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Public Works Committee, House
Washington, D.C. 20515

- 15987 Insurance and other programs for financial assistance to flood victims, report from Secretary of Department of Housing and Urban Development to the President, as required by Southeast hurricane disaster relief act of 1965 (Public law 89-339, 89th Congress, H.R. 11539, Nov. 8, 1965): Aug. 1966. 1966. x+134 p. il. (Committee print no. 43, 89th Congress, 2d session.) ‡
L.C. card 66-62774 Y 4.P 96/10: F 65/14

[Paper], 89th Congress. ● Item 1024

- 15988 42. Heliport, hearings before Subcommittee on Public Buildings and Grounds, 89th Congress, 2d session, on H.R. 15024, July 27 and 29, 1966. 1966. iii+56 p. il. ‡
L.C. card 66-62246 Y 4.P 96/11: S9-42

Science and Astronautics Committee, House
Washington, D.C. 20515

[Paper], 89th Congress, 2d session. ● Item 1025-A

- 15989 6. Bill to provide standard reference data system, hearings before Subcommittee on Science, Research, and Development, 89th Congress, 2d session, on H.R. 15638, superseded by H.R. 16897, June 28-30, 1966. 1966. iii+181 p. ‡
L.C. card 66-62173 Y 4. Sci 2: S9-2/6

Small Business, Select Committee on, House
Washington, D.C. 20515

- 15990 Activities of regulatory and enforcement agencies relating to small business, hearings before Subcommittee no. 6, 89th Congress, 1st session, pursuant to H. Res. 13; Aug. 12 and 18, 1965. 1966. v+269 p. il. [Relates to Federal Trade Commission, Department of Agriculture, and Department of Justice, Antitrust Division.] ‡ ● Item 1031
L.C. card 66-62486 Y 4.Sm 1: R 26/3/965

- 15991 Activities of regulatory and enforcement agencies relating to small business, hearings before Subcommittee no. 6, 89th Congress, 2d session, pursuant to H. Res. 13. ● Item 1031
L.C. card 66-62723 Y 4.Sm 1: R 26/3/966/pt. 1
pt. 1. Federal Communications Commission, Feb. 21-Mar. 10, 1966. 1966. vi+384+A 320 p. il. ‡

- 15992 Effect of corn marketing by Commodity Credit Corporation upon small business, hearings before Subcommittee on Special Investigations of Small Business Problems, 89th Congress, 2d session, pursuant to H. Res. 13, June 14-29, 1966. 1966. v+307 p. ‡ ● Item 1031
L.C. card 66-62242 Y 4.Sm 1: C 81

- 15993 Small business problems in urban areas, hearings before Subcommittee no. 5, 89th Congress, 2d session, pursuant to H. Res. 13. ● Item 1031
L.C. card 66-60171 Y 4.Sm 1: Ur 1/2/966/v. 6
v. 6. June 21-July 14, 1966. 1966. vi+1-206+A 8 p. ‡

Un-American Activities Committee, House
Washington, D.C. 20515

- 15994 Hearings on H.R. 12047, H.R. 14925, H.R. 16175, H.R. 17140, and H.R. 17194, bills to make punishable assistance to enemies of U.S. in time of undeclared war, 89th Congress, 2d session. ● Item 1026
L.C. card 66-62610 Y 4.Un 1/2: En 2/pt. 1-2
pt. 1. Investigative hearings, Aug. 16-19, 1966. 1966. vi+911-1234+xiv p. il.
* Paper, \$1.00
pt. 2. Legislative hearings, Aug. 19-23, 1966. 1966. vi+1235-1397 p. il.
* Paper, 45c.

- 15995 Testimony of Wladyslaw Tykocinski, hearing. 89th Congress, 2d session, Apr. 6, 1966. 1966. v+851-909+iv p. [Corrected print.] * Paper, 25c. ● Item 1026
L.C. card 66-61953 Y 4.Un 1/2: T 97

GOVERNMENT PUBLICATIONS

Ways and Means Committee, House Washington, D.C. 20515

- 15996 Administration's proposals on airway user charges, hearings, 89th Congress, 2d session, Aug. 24 and 25, 1966. 1966. iv+130 p. † ● Item 1028
L.C. card 66-62413 Y 4.W 36: A1 7/2
- 15997 Unrelated debt-financed income of tax-exempt organizations, hearing, 89th Congress, 2d session, on H.R. 15942 and H.R. 15943, Aug. 29, 1966. 1966. iv+60 p. † ● Item 1028
L.C. card 66-62487 Y 4.W 36: T 19/37

PRINTING JOINT COMMITTEE Washington, D.C. 20510

- 15998 Government paper specification standards, no. 5; Aug. 1, 1966. [1966.] cover title, [98] leaves, 4° [Issued in looseleaf form. Supersedes previous issues.] * Paper, \$2.00 (including supplementary material); 50c. additional for foreign mailing. ● Item 1004-B Y 4.P 93/1: 7/5

SENATE Washington, D.C. 20510

Senate executive documents

Senate executive documents, 89th Congress, 2d session. † Y 1.89/2: (letters)

- 15999 T. Notes amending Convention on Great Lakes fisheries, message from President of United States transmitting note of Apr. 5, 1966 from Government of Canada and proposed reply from Government of United States which notes would constitute agreement amending Convention on Great Lakes fisheries signed Washington, Sept. 10, 1954; Sept. 21, 1966. 1966. [1]+4 p.
- 16000 U. International Convention for Conservation of Atlantic Tunas, message from President of United States transmitting International Convention for Conservation of Atlantic Tunas, signed Rio De Janeiro May 14, 1966; Oct. 18, 1966. 1966. vi+15 p.

Senate executive reports

Senate executive reports, 89th Congress, 2d session. † Y 1.89/2: rp.(no.)

- 16001 8. Treaty of amity and economic relations with Togo. Report from Committee on Foreign Relations to accompany Ex. E. 89th Cong., 2d sess. Sept. 23, 1966. 4 p.
- 16002 9. International Convention on Load Lines, 1966. Report from Committee on Foreign Relations to accompany Ex. S., 89th Cong. 2d sess. Oct. 12, 1966. 10 p.

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 89th Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 16003 1308. Doreen Delmege Willis. Report from Committee on Judiciary to accompany S. 2784. June 24, 1966. 7 p.
- 16004 1309. Dr. Rafael A. Penálver. Report from Committee on Judiciary to accompany S. 3083. June 24, 1966. 6 p.
- 16005 1311. Kil Ja Chung. Report from Committee on Judiciary to accompany S. 2076. June 24, 1966. 5 p.
- 16006 1312. Giuseppe Rubino. Report from Committee on Judiciary to accompany S. 2295. June 24, 1966. 5 p.
- 16007 1315. Dr. Alonso Portuondo. Report from Committee on Judiciary to accompany S. 3189. June 24, 1966. 7 p.
- 16008 1321. Harry C. Engle. Report from Committee on Judiciary to accompany H.R. 1240. June 24, 1966. 5 p.
- 16009 1322. Joseph K. Bellek. Report from Committee on Judiciary to accompany H.R. 5204. June 24, 1966. 3 p.
- 16010 1324. Eugene J. Bennett. Report from Committee on Judiciary to accompany H.R. 8793. June 24, 1966. 6 p.
- 16011 1325. Lt. Charles W. Pittman, jr. Report from Committee on Judiciary to accompany H.R. 9302. June 24, 1966. 5 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16012 1326. Charles T. Davis, jr., Sallie M. Davis, and Nora D. White. Report from Committee on Judiciary to accompany H.R. 10994. June 24, 1966. 7 p.
- 16013 1432. Adjudicating claim to certain land in Marengo County, Ala. Report from Committee on Interior and Insular Affairs to accompany S. 1684. Aug. 4, 1966. 4 p.
- 16014 1441. Gustavo Eugenio Gomez. Report from Committee on Judiciary to accompany S. 3029. Aug. 10, 1966. 4 p.
- 16015 1442. Daniel Pernas Beceiro. Report from Committee on Judiciary to accompany S. 3039. Aug. 10, 1966. 7 p.
- 16016 1443. Dr. Guillermo N. Hernandez, jr. Report from Committee on Judiciary to accompany S. 3311. Aug. 10, 1966. 5 p.
- 16017 1444. Yung Mi Kim. Report from Committee on Judiciary to accompany S. 3318. Aug. 10, 1966. 7 p.
- 16018 1445. Maria Jordon Ferrando. Report from Committee on Judiciary to accompany S. 3329. Aug. 10, 1966. 5 p.
- 16019 1446. Panagiota Konstantinos Sikaras. Report from Committee on Judiciary to accompany S. 1370. Aug. 10, 1966. 7 p.
- 16020 1447. Elias Lambrinos. Report from Committee on Judiciary to accompany S. 1878. Aug. 10, 1966. 4 p.
- 16021 1448. Dr. Earl C. Chamberlayne. Report from Committee on Judiciary to accompany S. 2486. Aug. 10, 1966. 6 p.
- 16022 1449. Lim Ai Ran and Lim Soo Ran. Report from Committee on Judiciary to accompany S. 2809. Aug. 10, 1966. 6 p.
- 16023 1450. Dr. Oscar Lopez. Report from Committee on Judiciary to accompany S. 3042. Aug. 10, 1966. 5 p.
- 16024 1451. Antonio Gonzalez-Mora, and his wife, Natalia Sandoval Gonzalez-Mora. Report from Committee on Judiciary to accompany S. 3395. Aug. 10, 1966. 6 p.
- 16025 1452. Winston Lloyd McKay. Report from Committee on Judiciary to accompany H.R. 5213. Aug. 10, 1966. 6 p.
- 16026 1453. Mrs. Margarita L. Agullana. Report from Committee on Judiciary to accompany S. 2166. Aug. 10, 1966. 3 p.
- 16027 1454. Lourdes S. (Delotavo) Matzke and Yusef Ali Chouman. Report from Committee on Judiciary to accompany H.R. 3078. Aug. 10, 1966. 9 p.
- 16028 1492. Directing Secretary of Interior to convey certain lands in Boulder County, Colo., to W. F. Stover. Report from Committee on Interior and Insular Affairs to accompany S. 1231. Aug. 24, 1966. 4 p.
- 16029 1494. Mr. and Mrs. J. L. Pigford. Report from Committee on Judiciary to accompany S. 2955. Aug. 24, 1966. 4 p.
- 16030 1497. Emanuel G. Topakas. Report from Committee on Judiciary to accompany H.R. 3233. Aug. 24, 1966. 8 p.
- 16031 1501. John V. Boland Construction Co. Report from Committee on Judiciary to accompany H.R. 1483. Aug. 24, 1966. 15 p.
- 16032 1508. Norman J. Pitman. Report from Committee on Judiciary to accompany S. 690. Aug. 24, 1966. 3 p.
- 16033 1509. Merritt A. Seefeldt and August C. Seefeldt. Report from Committee on Judiciary to accompany S. 1572. Aug. 24, 1966. 4 p.
- 16034 1510. Rollo Oskey. Report from Committee on Judiciary to accompany S. 1987. Aug. 24, 1966. 5 p.
- 16035 1511. James A. Todd, jr. Report from Committee on Judiciary to accompany S. 2500. Aug. 24, 1966. 3 p.
- 16036 1512. Clarence C. and Lucy W. Russell. Report from Committee on Judiciary to accompany S. 2904. Aug. 24, 1966. 6 p.
- 16037 1513. David B. Glidden. Report from Committee on Judiciary to accompany H.R. 5552. Aug. 24, 1966. 3 p.
- 16038 1514. Norman Morris Rains. Report from Committee on Judiciary to accompany H.R. 7354. Aug. 24, 1966. 5 p.
- 16039 1515. Fred M. Osteen. Report from Committee on Judiciary to accompany H.R. 11940. Aug. 24, 1966. 4 p.
- 16040 1516. Anthony A. Calloway. Report from Committee on Judiciary to accompany H.R. 12315. Aug. 24, 1966. 3 p.
- 16041 1517. John R. Sylvia. Report from Committee on Judiciary to accompany H.R. 12884. Aug. 24, 1966. 3 p.
- 16042 1568. Ronald Whelan. Report from Committee on Judiciary to accompany H.R. 7141. Aug. 31, 1966. 4 p.
- 16043 1573. Mrs. Edna S. Bettendorf. Report from Committee on Judiciary to accompany H.R. 11038. Aug. 31, 1966. 4 p.
- 16044 1577. Maria Giuseppina Innalfo Feole. Report from Committee on Judiciary to accompany H.R. 11844. Aug. 31, 1966. 5 p.
- 16045 1622. Amending provisions of act of Apr. 8, 1935, relating to Board of Trustees of Trinity College of Washington, D.C. Report from Committee on District of Columbia to accompany H.R. 16940. Sept. 20, 1966. 3 p.
- 16046 1623. Amending charter of Southeastern University of District of Columbia. Report from Committee on District of Columbia to accompany H.R. 16608. Sept. 20, 1966. 4 p.
- 16047 1634. Estates of certain former members of Navy Band. Report from Committee on Judiciary to accompany H.R. 5912. Sept. 22, 1966. 42 p.
- 16048 1636. Dr. Hector Jesus Sanchez-Hernandez. Report from Committee on Judiciary to accompany S. 3016. Sept. 22, 1966. 7 p.
- 16049 1637. Setsuko Wilson (nee Hiranaka). Report from Committee on Judiciary to accompany S. 3300. Sept. 22, 1966. 11 p.
- 16050 1638. Dr. Dean H. Gosselin. Report from Committee on Judiciary to accompany S. 2040. Sept. 22, 1966. 4 p.
- 16051 1639. Wen Shi Yu. Report from Committee on Judiciary to accompany S. 3566. Sept. 22, 1966. 6 p.

☿For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 31

GOVERNMENT PUBLICATIONS

Senate reports on private bills, 89th Congress—Continued

- 16052 1640. Rosa Agostino. Report from Committee on Judiciary to accompany S. 2467. Sept. 22, 1966. 6 p.
- 16053 1641. Zofia Zych. Report from Committee on Judiciary to accompany S. 3209. Sept. 22, 1966. 8 p.
- 16054 1642. Theodora Bezates. Report from Committee on Judiciary to accompany S. 3358. Sept. 22, 1966. 6 p.
- 16055 1644. Arturo D. Lagasca, jr. Report from Committee on Judiciary to accompany S. 2462. Sept. 22, 1966. 4 p.
- 16056 1645. Dr. Anselmo S. Alvarez-Gomez. Report from Committee on Judiciary to accompany S. 2513. Sept. 22, 1966. 4 p.
- 16057 1646. Dr. Maria Yolanda Rafaela Miranda y Monteagudo. Report from Committee on Judiciary to accompany S. 2543. Sept. 22, 1966. 4 p.
- 16058 1647. Dr. Hilda W. Perez de Gonzalez. Report from Committee on Judiciary to accompany S. 2587. Sept. 22, 1966. 5 p.
- 16059 1648. Dr. Julio Valdes-Rodriguez. Report from Committee on Judiciary to accompany S. 2754. Sept. 22, 1966. 5 p.
- 16060 1649. Dr. Alberto Fernandez-Bravo y Amat. Report from Committee on Judiciary to accompany S. 2757. Sept. 22, 1966. 5 p.
- 16061 1650. Dr. Rafael Jacinto Nobo y Pividal (Rafael Nobo). Report from Committee on Judiciary to accompany S. 2762. Sept. 22, 1966. 6 p.
- 16062 1651. Dr. Marcial Alfredo Marti Prieto (Alfredo Marti). Report from Committee on Judiciary to accompany S. 2763. Sept. 22, 1966. 5 p.
- 16063 1652. White Deer Baptist Church, Allenwood, Pa. Report from Committee on Judiciary to accompany H.R. 11253. Sept. 22, 1966. 4 p.
- 16064 1653. Gilmour C. MacDonald. Report from Committee on Judiciary to accompany H.R. 7546. Sept. 22, 1966. 5 p.

Senate reports on public bills, 89th Congress. † Senate Document Room Capitol. (No. 1301 is sold by Superintendent of Documents.) ● Item 1008—A

- 16065 1288. Transfer of postal funds. Report from Committee on Post Office and Civil Service to accompany H.R. 7423. June 21, 1966. 2 p. [Corrected print.]
- 16066 1289. Additional Assistant Postmaster General for research and development and construction engineering. Report from Committee on Post Office and Civil Service to accompany H.R. 13822. June 21, 1966. 5 p.
- 16067 1291. Library services and construction act. Report from Committee on Labor and Public Welfare to accompany H.R. 14050. June 21, 1966. 20 p.
- 16068 1292. Amending Great Salt Lake relicted lands act. Report from Committee on Interior and Insular Affairs to accompany S. 3484. June 1, 1966. 8 p.
- 16069 1293. Employees of county offices of ASCS. Report from Committee on Post Office and Civil Service to accompany S. 2206. June 21, 1966. 7 p.
- 16070 1294. Hazardous duty pay for classified employees. Report from Committee on Post Office and Civil Service to accompany H.R. 1535. June 21, 1966. 7 p.
- 16071 1295. Extension of renegotiation act of 1951. Report from Committee on Finance to accompany H.R. 13431. June 22, 1966. 7 p.
- 16072 1296. Federal metal and nonmetallic mine safety act. Report together with minority and individual views from Committee on Labor and Public Welfare to accompany H.R. 8989. June 22, 1966. 37 p.
- 16073 1297. Authorizing preparation and printing of revised edition of History of Senate seal. Report from Committee on Rules and Administration to accompany S. Res. 261. June 23, 1966. 2 p.
- 16074 1298. Authorizing printing of history of Senate Committee on Commerce as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 272. June 23, 1966. 2 p.
- 16075 1299. Authorizing printing of pamphlet Our Capitol as Senate document. Report from Committee on Rules and Administration to accompany S. Con. Res. 98. June 23, 1966. 2 p.
- 16076 1300. Increasing dependency and indemnity compensation for parents and children of veterans whose deaths are service connected. Report from Committee on Finance to accompany H.R. 14347. June 23, 1966. 15 p.
- 16077 1301. Traffic safety act of 1966. Report together with individual views from Committee on Commerce to accompany S. 3005. June 23, 1966. 59 p. ll. * Paper, 20c.
- 16078 1302. Highway safety act of 1966. Report from Committee on Public Works to accompany S. 3052. June 23, 1966. 27 p. [Includes individual views of Senator John Sherman Cooper.] L.C. card 66-62016
- 16079 1303. Extension of Defense production act. Report from Committee on Banking and Currency to accompany H.R. 14025. June 23, 1966. 24 p.
- 16080 1304. Fish protein concentrate. Report from Committee on Commerce to accompany S. 2720. June 23, 1966. 11 p.
- 16081 1307. Sea grant colleges. Report from Committee on Labor and Public Welfare to accompany S. 2439. June 24, 1966. 19 p.
- 16082 1310. Providing for admissibility in evidence of slip laws and treaties and other international acts series. Report from Committee on Judiciary to accompany H.R. 12232. June 24, 1966. 6 p.
- 16083 1316. National UNICEF Day. Report from Committee on Judiciary to accompany S.J. Res. 144. June 24, 1966. 2 p.
- 16084 1317. American Revolution Bicentennial Commission. Report from Committee on Judiciary to accompany S.J. Res. 162. June 24, 1966. 5 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16085 1319. Spring Garden Planting Week. Report from Committee on Judiciary to accompany S.J. Res. 168. June 24, 1966. 2 p.
- 16086 1327. Increased agency consideration of tort claims against government. Report from Committee on Judiciary to accompany H.R. 13650. June 24, 1966. 18 p.
- 16087 1328. Establishing statute of limitations for certain actions brought by Government. Report from Committee on Judiciary to accompany H.R. 13652. June 24, 1966. 15 p.
- 16088 1364. Amending District of Columbia practical nurses' licensing act. Report from Committee on District of Columbia to accompany H.R. 8337. July 7, 1966. 4 p.
- 16089 1431. Disposal of metallurgical grade manganese ore from national stockpile. Report from Committee on Armed Services to accompany H.R. 13772. Aug. 4, 1966. 4 p.
- 16090 1433. Independent offices appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 14921. Aug. 4, 1966. 37 p.
- 16091 1434. Military medical benefits amendments of 1966. Report from Committee on Armed Services to accompany H.R. 14088. Aug. 5, 1966. 48 p.
- 16092 1435. Approving Upper Niobrara River compact. Report from Committee on Interior and Insular Affairs to accompany S. 553. Aug. 8, 1966. 4 p.
- 16093 1457. Federal elections act of 1966. Report of Committee on Rules and Administration to accompany S. 2541 together with minority and supplemental views; Aug. 12, 1966. 1966. iv+35 p.
- 16094 1458. Department of Defense appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 15941. Aug. 12, 1966. 60 p.
- 16095 1462. Increasing authorization for airports at national parks. Report from Committee on Commerce to accompany S. 476. Aug. 17, 1966. 10 p.
- 16096 1471. Authorizing printing of pamphlet Our Flag as House Document. Report from Committee on Rules and Administration to accompany H. Con. Res. 600. Aug. 17, 1966. 1 p.
- 16097 1473. Authorizing printing of additional copies of pocket-size edition of Constitution of United States. Report from Committee on Rules and Administration to accompany H. Con. Res. 630. Aug. 17, 1966. 1 p.
- 16098 1474. Authorizing printing of additional copies of publication entitled Summary of veterans legislation reported, 89th Congress. Report from Committee on Rules and Administration to accompany H. Con. Res. 634. Aug. 17, 1966. 1 p.
- 16099 1476. Authorizing printing of report entitled United States policy toward Asia as House document. Report from Committee on Rules and Administration to accompany S. Con. Res. 791. Aug. 17, 1966. 1 p.
- 16100 1480. Antitrust and monopoly activities, 1965. Report of Committee on Judiciary made by its Subcommittee on Antitrust and Monopoly pursuant to S. Res. 40, 89th Cong. 1st sess., together with individual views; Aug. 17, 1966. 1966. iii+28 p.
- 16101 1482. Financial institutions supervisory act of 1966. Report from Committee on Banking and Currency to accompany S. 3158, together with minority views; Aug. 18, 1966. 1966. iii+63 p.
- 16102 1485. Lower Rio Grande salinity problem. Report from Committee on Foreign Relations to accompany S. 2747. Aug. 19, 1966. 13 p.
- 16103 1486. Peace Corps act amendments. Report from Committee on Foreign Relations to accompany S. 3418. Aug. 22, 1966. 55 p.
- 16104 1487. Fair labor standards amendments of 1966. Report together with supplemental, individual and additional views from Committee on Labor and Public Welfare to accompany H.R. 13712. Aug. 23, 1966. 80 p.
- 16105 1489. Strengthen U.S.-international air transportation. Report from Committee on Commerce to accompany S. 3198. Aug. 24, 1966. 13 p.
- 16106 1490. Establishing Special Committee on Organization of Congress. Report from Committee on Rules and Administration to accompany S. Res. 293. Aug. 24, 1966. 7 p.
- 16107 1491. Washington Metropolitan Area Transit Authority compact. Report from Committee on Judiciary to accompany S. 3488. Aug. 24, 1966. 29 p.
- 16108 1498. Permitting compelling of testimony and granting of immunity with respect to certain crimes. Report from Committee on Judiciary to accompany S. 2190. Aug. 24, 1966. 21 p.
- 16109 1519. Merchant marine movement of military cargo. Report together with minority views from Committee on Commerce to accompany S. 3297. Aug. 24, 1966. 19 p.
- 16110 1520. To make technical amendments to titles 19 and 20 of District of Columbia Code. Report from Committee to accompany H.R. 13703. Aug. 24, 1966. 3 p.
- 16111 1522. Authorizing transfer of certain lands to Mount Desert Island Regional School District, Maine. Report from Committee on Interior and Insular Affairs to accompany S. 3261. Aug. 25, 1966. 4 p.
- 16112 1524. Amending act of June 30, 1954, as amended, providing for continuance of civil government for Trust Territory of Pacific Islands. Report from Committee on Interior and Insular Affairs to accompany S. 3504. Aug. 25, 1966. 25 p.
- 16113 1526. Amending act authorizing Point Reyes National Seashore in California. Report from Committee on Interior and Insular Affairs to accompany S. 1607. Aug. 25, 1966. 10 p.

◆For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 33

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 89th Congress—Continued

- 16114 1528. Amending sec. 11-1701 of District of Columbia Code to increase retirement salaries of certain retired judges. Report from Committee on District of Columbia to accompany H.R. 1066. Aug. 25, 1966. 6 p.
- 16115 1529. Amending life insurance act of District of Columbia, approved June 19, 1934, as amended. Report from Committee on District of Columbia to accompany H.R. 9824. Aug. 25, 1966. 4 p.
- 16116 1531. Preservation and use of Old Georgetown Market. Report from Committee on District of Columbia to accompany H.R. 14205. Aug. 25, 1966. 4 p.
- 16117 1532. Establishing for District of Columbia motor vehicle unsatisfied judgment fund act. Report together with individual views from Committee on District of Columbia to accompany H.R. 9918. Aug. 26, 1966. 35 p. L.C. card 66-62477
- 16118 1533. Strengthening Motor vehicle safety responsibility act of District of Columbia. Report from Committee on District of Columbia to accompany S. 1713. Aug. 26, 1966. 12 p.
- 16119 1537. American gold mining revitalization. Report from Committee on Interior and Insular Affairs to accompany S. 1377. Aug. 30, 1966. 13 p.
- 16120 1541. Providing adjustments in order to make uniform estate acquired for Vega Dam and Reservoir, Collbran project, Colo., by authorizing the Secretary of Interior to reconvey mineral interests in certain lands. Report from Committee on Interior and Insular Affairs to accompany H.R. 399. Aug. 30, 1966. 12 p.
- 16121 1551. Child protection act of 1966. Report from Committee on Commerce to accompany S. 3298. Aug. 30, 1966. 34 p. L.C. card 66-62647
- 16122 1553. Constitutional rights. Report of Committee on Judiciary made by its Subcommittee on Constitutional Rights pursuant to S. Res. 43, 89th Cong., 1st sess.: Aug. 30, 1966. 1966. ii+23 p. L.C. card 66-62473
- 16123 1556. Overhead electric transmission line study. Report from Committee on Commerce to accompany S.J. Res. 189. Aug. 31, 1966. 26 p. L.C. card 66-62646
- 16124 1587. Terminating existence of Indian Claims Commission, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 3068. Sept. 6, 1966. 7 p.
- 16125 1588. Amending law establishing Indian revolving loan fund. Report from Committee on Interior and Insular Affairs to accompany S. 2196. Sept. 6, 1966. 18 p.
- 16126 1590. Kinzua Dam-Allegheny Reservoir, Pa. and N.Y. Report from Committee on Public Works to accompany S. 3625. Sept. 7, 1966. 3 p.
- 16127 1591. Post Office Department 30-year lease authority. Report from Committee on Public Works to accompany H.R. 14548. Sept. 7, 1966. 33 p.
- 16128 1597. Increasing number of colonels and lieutenant colonels in Air Force. Report from Committee on Armed Services to accompany H.R. 15005. Sept. 9, 1966. 13 p.
- 16129 1599. Effect of disclaimers on allowance of marital deduction. Report from Committee on Finance to accompany H.R. 483. Sept. 13, 1966. 8 p.
- 16130 1600. Tariff treatment of articles assembled abroad of products of United States. Report from Committee on Finance to accompany H.R. 11216. Sept. 13, 1966. 12 p.
- 16131 1601. Regulation of maximum rates of interest paid on savings. Report from Committee on Banking and Currency to accompany H.R. 14026. Sept. 14, 1966. 15 p. L.C. card 66-62670
- 16132 1602. Authorizing Public Printer to print for and deliver to General Services Administration additional copy of certain publications. Report from Committee on Rules and Administration to accompany S. 3809. Sept. 14, 1966. 6 p.
- 16133 1603. Philippine hospitalization and medical care. Report from Committee on Labor and Public Welfare to accompany H.R. 16330. Sept. 14, 1966. 9 p.
- 16134 1604. War orphans' training for children of certain Philippine veterans. Report from Committee on Labor and Public Welfare to accompany H.R. 16367. Sept. 14, 1966. 6 p.
- 16135 1605. Amendments to Price-Anderson indemnity provisions of Atomic energy act of 1954, as amended, pertaining to waiver of defenses. Report from Joint Committee on Atomic Energy to accompany S. 3830. Sept. 16, 1966. 33 p.
- 16136 1606. Baltic States. Report from Committee on Foreign Relations to accompany H. Con. Res. 416. Sept. 19, 1966. 1 p.
- 16137 1607. Foreign Service buildings act amendments. Report from Committee on Foreign Relations to accompany H.R. 14019. Sept. 19, 1966. 12 p.
- 16138 1608. Common varieties act amendments. Report from Committee on Interior and Insular Affairs to accompany S. 3485. Sept. 19, 1966. 16 p.
- 16139 1609. Amending District of Columbia police and firemen's salary act of 1958, District of Columbia teachers' salary act of 1955, and for other purposes. Report from Committee on District of Columbia to accompany H.R. 15857. Sept. 19, 1966. 43 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16140 1610. Research into spinal cord injuries. Report from Committee on Labor and Public Welfare to accompany H.R. 203. Sept. 20, 1966. 4 p.
- 16141 1611. Designation of Veterans' Administration hospital in Clarksburg, W. Va., as Louis A. Johnson Memorial Veterans' Hospital. Report from Committee on Labor and Public Welfare to accompany S. 2709. Sept. 20, 1966. 2 p.
- 16142 1612. Extending provisions for treble-damage actions to direct loan and insured loan cases. Report from Committee on Labor and Public Welfare to accompany H.R. 7850. Sept. 20, 1966. 8 p.
- 16143 1613. Brokers' fees for VA property management. Report from Committee on Labor and Public Welfare to accompany H.R. 11927. Sept. 20, 1966. 4 p.
- 16144 1615. Transfer of land to Biloxi, Miss. Report from Committee on Labor and Public Welfare to accompany H.R. 13012. Sept. 20, 1966. 3 p.
- 16145 1618. Authorizing participation in construction of large-scale desalting plant in California. Report from Committee on Interior and Insular Affairs to accompany S. 3823. Sept. 20, 1966. 8 p.
- 16146 1619. Amending act of Sept. 2, 1964. Report from Committee on Interior and Insular Affairs to accompany H.R. 9976. Sept. 20, 1966. 7 p.
- 16147 1620. Authorizing construction of new 14th Street bridge over Potomac River as replacement for Old Highway Bridge. Report from Committee on District of Columbia to accompany H.R. 12119. Sept. 20, 1966. 4 p.
- 16148 1627. Long-range land use plan for Capitol grounds. Report from Committee on Public Works to accompany S.J. Res. 76. Sept. 21, 1966. 3 p.
- 16149 1628. W. P. Franklin Lock and Control Structure, Fla. Report from Committee on Public Works to accompany S. 212. Sept. 21, 1966. 4 p.
- 16150 1629. Legislative reorganization act of 1966. Report from Special Committee on Organization of Congress to accompany S. 3848. Sept. 21, 1966. 56 p.
- 16151 1631. Departments of Labor, and Health, Education, and Welfare, and related agencies appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 14745. Sept. 22, 1966. 92 p.
- 16152 1632. Modernization of Federal seed act. Report from Committee on Agriculture and Forestry to accompany H.R. 15662. Sept. 22, 1966. 21 p.
- 16153 1633. Prepayments, Farmers Home Administration insured loans. Report from Committee on Agriculture and Forestry to accompany H.R. 15510. Sept. 22, 1966. 4 p.
- 16154 1635. Three German paintings. Report from Committee on Judiciary to accompany S. 3353. Sept. 22, 1966. 13 p.
- 16155 1643. Congressional reference cases, U.S. Court of Claims. Report from Committee on Judiciary to accompany H.R. 1665. Sept. 22, 1966. 10 p.
- 16156 1654. Authorizing merger of 2 or more professional football leagues, and to protect football contests between secondary schools from professional football telecasts. Report from Committee on Judiciary to accompany S. 3817. Sept. 23, 1966. 4 p.
- 16157 1656. Increasing annuities payable from Foreign Service retirement and disability fund. Report from Committee on Foreign Relations to accompany S. 3247. Sept. 26, 1966. 19 p.
- 16158 1659. Establishing Department of Transportation, and for other purposes. Report together with additional views from Committee on Government Operations to accompany S. 3010. Sept. 27, 1966. 43 p.
- 16159 1663. Foreign assistance and related agencies appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17788. Sept. 28, 1966. 23 p.
- 16160 1664. Juvenile delinquency. Report of Committee on Judiciary made by its Subcommittee To Investigate Juvenile Delinquency pursuant to S. Res. 52. 89th Congress, 1st session: Sept. 28, 1966. 1966. iii+13 p. L.C. card 58-60635
- 16161 1665. Comprehensive health planning and public health services amendments of 1966. Report from Committee on Labor and Public Welfare to accompany S. 3008. Sept. 29, 1966. 40 p.
- 16162 1666. Economic opportunity amendments of 1966. Report together with supplemental, individual, and additional views from Committee on Labor and Public Welfare to accompany S. 3164. Sept. 29, 1966. 95 p.
- 16163 1667. Narcotic addict treatment and rehabilitation. Report together with individual views from Committee on Judiciary to accompany S. 2191. Sept. 29, 1966. 54 p. L.C. card 66-62729
- 16164 1670. Nomination and election of candidates for appointment to Military, Naval and Air Force Academies. Report from Committee on Armed Services to accompany H.R. 9916. Sept. 30, 1966. 18 p.
- 16165 1672. Public works appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17787. Oct. 3, 1966. 53 p.
- 16166 1673. U.S. participation in HemisFair. Report from Committee on Foreign Relations to accompany H.R. 15098. Oct. 3, 1966. 19 p. L.C. card 66-62674
- 16167 1677. Higher education amendments of 1966. Report together with supplemental views from Committee on Labor and Public Welfare to accompany H.R. 14644. Oct. 5, 1966. 68 p.

☐For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Agriculture and Forestry Committee, Senate Washington, D.C. 20510

- 16168 Discrimination against members of farmer cooperative, hearings before subcommittee, 89th Congress, 2d session. † ● Item 1032
L.C. card 66-61959 Y 4.Ag/2: C 78/10/pt. 2
pt. 2. Substitute amendment to S. 109, Sept. 28, 1966. 1966. iv+1755-226 p.
- 16169 Eradication of screw-worms in Mexico, hearing before subcommittee, 89th Congress, 2d session, on S. 3325 and H.R. 14888, June 23, 1966. 1966. iii+24 p. † ● Item 1032
L.C. card 66-62159 Y 4.Ag 8/2: Scr 2

Appropriations Committee, Senate Washington, D.C. 20510

- 16170 District of Columbia appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 17636. 1966. ii+1127+xv p. il. † ● Item 1033
L.C. card 60-60679 Y 4.Ap 6/2: D 63/967
- 16171 Legislative branch appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 15456. 1966. ii+234+xi p. il. † ● Item 1033
L.C. card 60-61661 Y 4.Ap 6/2: L 52/967
- 16172 Military construction appropriations for 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 17637: [Sept. 13-24, 1966]. 1966. ii+514+xxiii p. † ● Item 1033
L.C. card 60-61661 Y 3.Ap 6/2: M 59/3/967
- 16173 Public works appropriations for fiscal year 1967, hearings before subcommittee, 89th Congress, on H.R. 17787. † ● Item 1033
L.C. card 66-62706 Y 4.Ap 6/2: P 96/3/967/pt. 1, 2, 3
pt. 1. Civil functions, Department of Army. 1966. ii+1-1692+xlvi p.
pt. 2. Civil functions, Department of Army. 1966. ii+1693-3353+xlvi p.
pt. 3. Bureau of Reclamation and Department of Interior power marketing agencies. 1966. ii+1033+xxii p. il. 2 tab.

Armed Services Committee, Senate Washington, D.C. 20510

- 16174 Development of Ryukyu Islands, hearing, 89th Congress, 2d session, on H.R. 12617, June 9, 1966. 1966. iii+19 p. il. † ● Item 1034
L.C. card 66-62414 Y 4.Ar 5/3: R 99
- 16175 Miscellaneous bills, hearing, 89th Congress, 2d session, on H.R. 420, H.R. 11488, H.R. 11979, H.R. 15005, Sept. 8, 1966. 1966. iii+31 p. † ● Item 1034
L.C. card 66-62415 Y 4.Ar 5/3: B 49/12/966-2
- 16176 — on H.R. 3013, H.R. 7327, H.R. 11980, H.R. 12031, H.R. 13374, H.R. 14875, July 28, 1966. 1966. iii+28 p. † ● Item 1034
L.C. card 66-62778 Y 4.Ar 5/3: B 49/12/966

Banking and Currency Committee, Senate Washington, D.C. 20510

- 16177 Insurance and other programs for financial assistance to flood victims, report from Secretary of Department of Housing and Urban Development to the President, as required by Southeast hurricane disaster relief act of 1965 (Public law 89-339, 89th Congress, H.R. 11539, Nov. 8, 1965): Sept. 1966. 1966. xv+140 p. il. (Committee print, 89th Congress, 2d session.) * Paper, 40c.
L.C. card 66-62820 Y 4.B 22/3: F 65/3
- 16178 Interstate land sales full disclosure act, hearings before subcommittee, 89th Congress, 2d session, on S. 2672, June 21-Aug. 18, 1966. 1966. x+515 p. il. † ● Item 1035
L.C. card 66-62644 Y 4.B 22/3: L 22/4
- 16179 Small business investment company program, hearings before subcommittee, 89th Congress, 2d session, to review small business investment company program June 15-29, 1966. 1966. v+259 p. † ● Item 1035
L.C. card 66-62257 Y 4.B 22/3: Sm 1/16

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Commerce Committee, Senate
Washington, D.C. 20510

[Committee hearings] serial, 89th Congress. ● Item 1041

- 16180 64. Fish protein concentrate, hearings, 89th Congress, 2d session, on S. 2720. Apr. 25-May 17, 1966. 1966. v+240 p. il. [These hearings were held in Aberdeen, Wash., and Washington, D.C.] †
L.C. card 66-61961 Y 4.C 73/2: 89-64

Finance Committee, Senate
Washington, D.C. 20510

- 16181 Amendments recommended by Labor Department to H.R. 15119, unemployment insurance amendments of 1966. 1966. iii+42 p. (Committee print, 89th Congress, 2d session.) [Amendments printed for informational purposes only.] ‡
L.C. card 66-62327 Y 4.F 49: Un 2/8
- 16182 Financing political campaigns, hearings, 89th Congress, 2d session, on S. 3496, amendment 732, S. 2006, S. 2965, and S. 3014, Aug. 18 and 19, 1966. 1966. iii+83 p. † ● Item 1038
L.C. card 66-62419 Y 4.F 49: P 75
- 16183 Foreign trade statistics, hearings, 89th Congress, 2d session, on S.J. Res. 115 and S. 3522, Aug. 31 and Sept. 1, 1966. 1966. v+177 p. il. † ● Item 1038
L.C. card 66-62708 Y 4.F 49: F 76/6
- 16184 Time for taxing tires and tubes, hearing, 89th Congress, 2d session, on H.R. 318, June 23, 1966. 1966. iii+45 p. il. † ● Item 1038
L.C. card 66-62461 Y 4.F 49: T 51
- 16185 Vietnam era veterans' readjustment assistance act, hearing, 89th Congress, 2d session, on S. 3580, Sept. 7, 1966. 1966. iii+35 p. † ● Item 1038
L.C. card 66-62642 Y 4.F 49: V 67

Foreign Relations Committee, Senate
Washington, D.C. 20510

- 16186 United States policy toward Europe (and related matters), hearings, 89th Congress, 2d session, June 20-July 22, 1966. 1966. vi+524 p. * Paper, \$1.50. ● Item 1039
L.C. card 66-62258 Y 4.F 76/2: Eu 7/15

Government Operations Committee, Senate
Washington, D.C. 20510

- 16187 Investigation into small business investment companies, hearings before Permanent Subcommittee on Investigations, 89th Congress, 2d session, pursuant to S. Res. 183, 89th Congress, Aug. 2-4, 1966. 1966. xiv+323 p. † ● Item 1037
L.C. card 66-62709 Y 4.G 74/6: Sm 1
- 16188 Reorganization plan 3 of 1966 (health functions, Department of Health, Education, and Welfare), hearing before Subcommittee on Executive Reorganization, 89th Congress, 2d session, on Reorganization plan no. 3 of 1966, prepared in accordance with provisions of Reorganization act of 1949, as amended, and providing for reorganization of health functions of Department of Health, Education, and Welfare, June 17, 1966. 1966. iii+63 p. 2 pl. † ● Item 1037
L.C. card 66-61963 Y 4.G 74/6: R 29/966/no. 3

Interior and Insular Affairs Committee, Senate
Washington, D.C. 20510

- 16189 Redwood National Park, hearings before Subcommittee on Parks and Recreation, 89th Congress, 2d session, on S. 2962. ● Item 1040
L.C. card 66-62157 Y 4.In 8/13: R 24/8/pt. 2
pt. 2. Aug. 17, 1966, with appendixes to pts. 1 and 2. 1966. ix+429-722 p. il. †

◆For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Judiciary Committee, Senate

Washington, D.C. 20510

- 16190 Gaps in internal security laws, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 89th Congress, 2d session. ● Item 1042
L.C. card 66-62152 Y 4.J 89/2: In 8/10/pt. 1-4
pt. 1. June 23, 1966. 1966. ii+1-17+ii p. †
pt. 2. June 24 and 27, 1966. 1966. iii+19-45+iii p. †
pt. 3. June 29, 1966. 1966. iii+47-133+vi p. †
pt. 4. June 30, 1966. 1966. iii+135-174+A29+iii p. †
- 16191 School prayer, hearings before Subcommittee on Constitutional Amendments, 89th Congress, 2d session, on Senate joint resolution 148, Aug. 1-8, 1966. 1966. vi+884 p. il. map attached to inside of back cover.
* Paper, \$3.00. ● Item 1042
L.C. card 66-62493 Y 4.J 89/2: P 89/966

Labor and Public Welfare Committee, Senate

Washington, D.C. 20510

- 16192 Employer encouragement for on-the-job training, hearings before Subcommittee on Employment and Manpower, 89th Congress, 1st and 2d sessions, Sept. 14, 1965-Mar. 1, 1966. 1966. vi+372 p. il. † ● Item 1043
L.C. card 66-62490 Y 4.L 11/2: T 68
- 16193 International education act, hearings before Subcommittee on Education, 89th Congress, 2d session, on S. 2874, H.R. 14643, Aug. 17-Sept. 19, 1966. 1966. viii+608 p. il. † ● Item 1043
L.C. card 66-62779 Y 4.L 11/2: In 8/2
- 16194 Model high school for deaf, hearing, 89th Congress, 2d session, on S. 3758, Oct. 8, 1966. 1966. iii+55 p. † ● Item 1043
L.C. card 66-62777 Y 4.L 11/2: D 34/2
- 16195 Philippine veterans benefits, hearing before Subcommittee on Veterans' Affairs, 89th Congress, 2d session, on H.R. 16330, H.R. 16367, Sept. 8, 1966. 1966. iii+52 p. † ● Item 1043
L.C. card 66-62422 Y 4.L 11/2: P 53
- 16196 Railroad retirement benefits, hearing before Subcommittee on Railroad Retirement, 89th Congress, 2d session, on S. 3777, Sept. 27, 1966. 1966. iii+42 p. † ● Item 1043
L.C. card 66-62713 Y 4.L 11/2: R 13/11

Post Office and Civil Service Committee, Senate

Washington, D.C. 20510

- 16197 Post Office nomination, hearing, 89th Congress, 2d session, on nomination of Leo S. Packer to be Assistant Postmaster General, Sept. 13, 1966. 1966. iii+12 p. † ● Item 1044
L.C. card 66-62491 Y 4.P 84/11: N 72/966-2

Standards and Conduct, Select Committee on, Senate

Washington, D.C. 20510

NOTE.—The Select Committee on Standards and Conduct was established as a permanent select committee of the Senate by S. Res. 338 of the 88th Congress, 2d session, which was considered, amended, and agreed to July 24, 1964.

- 16198 Investigation of Senator Thomas J. Dodd, hearings, 89th Congress, 2d session pursuant to S. Res. 338, 88th Congress. ● Item 1009
L.C. card 66-62620 Y 4.St 2/2: D 66/pt. 1
pt. 1. Relationship with Julius Klein, June 22-July 19, 1966. 1966. vi+1-589 p. il. * Paper, \$1.75.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

**CONSUMER AND MARKETING SERVICE, Agriculture Dept.
Washington, D.C. 20250**

- 16199 Amendment to United States standards for grades of canned ripe olives, effective Sept. 2, 1966. [1966.] 1 p. 4° [Extracted from Federal Register of Sept. 2, 1966 (31 F.R. 11591).] †
A 88.6/2: 01 4/amdt.
- 16200 Dairy plants surveyed and approved for USDA grading service. July 1966. 36 p. 4° (Dairy Division.) † ● Item 21-Q
L.C. card 64-62496 A 88.14/12: 966
- 16201 List of chemical compounds authorized for use under USDA poultry, meat, rabbit and egg products inspection programs. Revised Sept. 1966. [1966.] 75 p. 4° (Technical Services Division.) [List complete as of July 1, 1966.] * Paper, 45c. ● Item 107-B A 88.6: C 42
- 16202 Plants under USDA continuous inspection, processed fruits and vegetables and related products. July 1966. [2]+38 p. 4° (Fruit and Vegetable Division, Processed Products Standardization and Inspection Branch.) [Issued with perforations.] †
A 88.43/2: 966
Service and regulatory announcements C&MS (series). ● Item 111
- 16203 188. Regulations governing meat inspection of Department of Agriculture, amendments, revised pages. [Aug. 11, 1966.] [78] p. (Meat Inspection Program.) [Issued with perforations.] * Paper, \$2.75 (including basic manual and revisions for an indefinite period); \$1.00 additional for foreign mailing. A 88.6/3: 188/rev. pages

**COURT OF CUSTOMS AND PATENT APPEALS
Washington, D.C. 20439**

- 16204 Court of Customs and Patent Appeals: v. 52, Patent cases adjudged in United States Court of Customs and Patent Appeals, Oct. 1964-Oct. 1965; Robert R. Reque, reporter of decisions, George S. Taylor, assistant to reporter. 1966. xxiv+701+1931 p. il. * Cloth, \$4.50. ● Item 733
L.C. card 11-35722 Ju 7.5: 52/2

**CUSTOMS BUREAU, Treasury Dept.
Washington, D.C. 20226**

- 16205 United States civilian and military personnel, imported household and personal effects. [1966.] 12 p. il. narrow 8° † ● Item 950
T 17.2: H 81/966

**DEFENSE DEPARTMENT
Washington, D.C. 20301**

- 16206 Country law study for Panama [with bibliography; prepared by personnel of Judge Advocate General's Corps, Army]. [1966.] cover title, i+51 p. 4° † ● Item 304-E
L.C. card 66-62089 D 1.40: P 19
Defense Supply Agency handbook DSAH (series). ● Item 314-A
D 7.6/7: (nos.)
- 16207 4155.1. Special commodity quality assurance information handbook for clothing and textiles. Sept. 1966. cover title, iv+136 p. il. 4° [Issued in looseleaf form. Supersedes DSAH 4155.1, Apr. 23, 1965, and Change 1, Aug. 18, 1965.] †
- 16208 4215.21. Industrial plant equipment handbook: FSC 6675, 6695, combination and miscellaneous instruments including dynamometers. June 1966. cover title, iii+52 p. 4° (SB 708-6695-1; NAVSANDA pub 5519; [Air Force Dept.] AFM 78-30; [Marine Corps] MCO P4870.25.) [Issued in looseleaf form.] * Paper, 40c.
- 16209 4215.26. Same: FSC 6110, Electrical control equipment. Sept. 1966. cover title, iii+38 p. 4° (SB 708-6110-1; NAVSUP PUB 5525; [Air Force Dept.] AFM 78-40; [Marine Corps] MCO P4870.30.) [Issued in looseleaf form.] * Paper, 35c.

GOVERNMENT PUBLICATIONS

Defense Supply Agency manual DSAM (series). ● Item 314-A

- 16210 1445.8. DSA civilian career program for quality assurance and quality control. Nov. 1964. cover title, li+24 p. 4° [Issued in looseleaf form. Supersedes DSAM 1445.8, June 1963.] † D 7.6/8 : 1445.8/2

DSA-DLSC manual. ([Defense Supply Agency], Defense Logistics Services Center, Battle Creek, Mich.) ● Item 314-A

- 16211 4130.1. Provisioning screening procedures. June 1, 1966. cover title, [62] p. il. 4° [Issued with perforations. Supersedes DSA-DLSC manual 4130.1, Oct. 1, 1964.] † D 7.6/10-2 : 4130.1

- 16212 How to do business with Defense Supply Agency [guide to businessman in his constant search for new markets]. [1966.] cover title, 20 p. il. ([Defense Supply Agency.]) † ● Item 314-A D 7.6/4 : B 96/966

Quality and reliability assurance handbook H (series). ● Item 314-A

- 16213 55. Nondestructive testing series: Radiography. Apr. 1, 1966. cover title, [3]+vi+202 p. il. 4° (Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued with perforations.] * Paper, \$1.25. D 7.6/2 : 55

Standardization directory SD-(series).

- 16214 1. Standardization directory, planning schedule and points of contact (FSC class and area assignments). July 1, 1966. cover title, [1]+iv+23+49 p. (Defense Standardization Program.) [Corrected copy. Quarterly. Issued with perforations.] * Paper, 50c. ● Item 314-C D 7.13 : 1/17

- 16215 USAFI supply announcements. Sept. 1966. [1]+19+[14] p. 4° (United States Armed Forces Institute.) [Issued with perforations.] † D 1.10/3 : 966-3

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, D.C. 20230

- 16216 Characteristics of 63 modern industrial plants; by Theodore K. Pasma. 1966. 135 p. il. 4° [Prepared in cooperation with National Industrial Zoning Committee.] * Paper, \$1.75. ● Item 130-D C 46.2 : In 2

- 16217 Facts about EDA, public works and economic development act of 1965, Public law 89-136, signed Aug. 26, 1965. [1966.] [4] p. † C 46.2 : F 11

Qualified areas, July 1, 1966 [map]. Scale 300 m=3.8 in. 1966. 26 x 40 in. † C 46.17 : Ar 3/966-2

16218 Insets :

Alaska
American Samoa
Guam

Hawaii
Puerto Rico
Virgin Islands

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President, Washington, D.C. 20506

- 16219 Legal services program in rural community action, legal services program provides low-income persons with counsel, representation, understanding of law. [1966.] [4] p. narrow 8° ([C-46]; Community Action Program.) † Pr Ex 10.2 : L 52

- 16220 Neighborhood Youth Corps in rural community action, NYC can help young people remain in school, return to school, gain work experience [1966.] [4] p. narrow 8° (Community Action Program; [C-49].) † Pr Ex 10.2 : N 31/2

- 16221 Rural youth opportunity center in rural community action, rural youth opportunity center links employment services to job needs of rural youth. [1966.] [4] p. narrow 8° ([C-45]; Community Action Program.) † Pr Ex 10.2 : Y 8

VISTA volunteer. (Volunteers in Service to America.) [Monthly.] †
● Item 857-H-6 Pr Ex 10.13 : (v.nos.& nos.)

- 16222 v. 2, no. 3— Oct. 1966—

- 16223 [We read] selected lists of children's books and recordings; prepared by Children's Services Division of American Library Association. 1966. [4]+48 p. 4° ([C17.]) [Text on p. 2 and 3 of cover.] * Paper, 35c.
● Item 857-H-4 Pr Ex 10.15 : R 22

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

**ECONOMIC RESEARCH SERVICE, Agriculture Dept.
Washington, D.C. 20250**

Agricultural economic report. ● Item 42-C

- 16224 98. Hired farm working force of 1965, statistical report; [by Gladys K. Bowles].
[Sept. 1966.] ii+30 p. il. 4° * Paper, 20c.
L.C. card 58-61057 A 93.28 : 98

**EDUCATION OFFICE, Health, Education, and Welfare Dept.
Washington, D.C. 20202**

- 16225 Administration of elementary school programs for disadvantaged children
[with selected bibliography]; by Helen K. Macintosh, Lillian Gore, and
Gertrude M. Lewis. [1966.] vi+42 p. il. oblong 24° (OE-35082, Dis-
advantaged children series 4.) * Paper, 20c. ● Item 460-A-35
L.C. card HEW 66-24 FS 5.235 : 35082
- 16226 Catalog of selected documents on the disadvantaged, number and author
index; by Educational Research Information Center. [1966.] [3]+
130 p. 4° (OE-37001; Bureau of Research.) [Title on cover is: ERIC
catalog of selected documents on the disadvantaged, ERIC number and
author index.] * Paper, 65c. ● Item 460-A-37
L.C. card HEW 66-159 FS 5.237 : 37001
- 16227 — subject index; by Educational Research Information Center. [1966.]
[4] p.+[260] leaves, oblong 8° (Bureau of Research; OE-37002.)
[Title on cover is: ERIC catalog of selected documents on the disad-
vantaged, ERIC subject index. The leaves in the collation are issued in
two sections.] * Paper, \$3.00. ● Item 460-A-37
L.C. card HEW 66-158 FS 5.237 : 37002
- 16228 City is a teacher, address by Harold Howe II, Commissioner of Education,
Department of Health, Education, and Welfare, [before City Club of
Chicago's annual Civil Assembly, Chicago Bar Association, Chicago,
May 13, 1966.] [1966.] 13 leaves, 4° † FS 5.8 : H 83/10
- 16229 Educating disadvantaged children in elementary school, annotated bibliog-
raphy; by Gertrude M. Lewis and Esther Murow. [1966.] v+33 p.
oblong 24° (OE-35083; Disadvantaged children series 5.) * Paper,
20c. ● Item 460-A-35
L.C. card HEW 66-24 FS 5.235 : 35083
- 16230 Education directory, 1965-66: pt. 4, Education associations; [prepared by
Bobbie Doud]. [1966.] cover title, 134 p. ([OE-10001-66.]) * Pa-
per, 55c. ● Item 460 & 460-A-10
L.C. card E 13-213 FS 5.25 : 965-66/pt. 4
- 16231 Education, literature of profession, bibliography from Educational Mate-
rials Center, Division of Research Training and Dissemination, Bureau
of Research. Apr. 15, 1966. [3]+16 p. 4° ([OE 14031-37.]) †
● Item 460-A-14 FS 5.214 : 14031-37
- 16232 Foreign studies extension, overseas projects in education. [1966.] [2]+6
p. narrow 8° ([OE-14132.]) † ● Item 460-A-14 FS 5.214 : 14132
- 16233 Fulbright-Hays graduate fellowships, overseas projects in education.
[1966.] [2]+6 p. narrow 8° ([OE-14130.]) † ● Item 460-A-14
FS 5.214 : 14130
- 16234 Improving State leadership in education, annual report of Advisory Council
on State Departments of Education. Mar. 1966. x+145 p. il. (OE-
23047.) * Paper, 60c. ● Item 460-A-23
L.C. card HEW 66-164 FS 5.223 : 23047
- 16235 It takes courage; [by Leslie and Joan Rich]. [1966.] [5] p. il. large 4°
(OE-23048.) [Reprinted from American education, June 1966.] * Pa-
per, 15c. ● Item 460-A-23 FS 5.223 : 23048
- 16236 Learn, baby, learn [New York State summer camp is put to year-round
use training dropouts; by Arthur Herzog]. [1966.] 4 p. il. large 4°
(OE-20093.) [Reprinted from American education, Sept. 1966.] * Pa-
per, 10c. ● Item 460-A-20 FS 5.220 : 20093

GOVERNMENT PUBLICATIONS

- 16237 [Lively 3d R. modern mathematics; by Kenneth E. Brown, Edwina Deans, and Veryl Schult]. [1966.] [8] p. il. 4° ([OE-29066.]) [Reprinted from American education, June 1966.] * Paper, 15c. ● Item 460-A-29 FS 5.229: 29066
- 16238 New life for the Dodo, address by Harold Howe II, Commissioner of Education, Department of Health, Education, and Welfare, before annual convention, National School Boards Association, Minneapolis, Minn., Apr. 24, 1966. [1966.] 13 leaves, 4° † FS 5.8: H 83/9
- 16239 Preparation of professional personnel in education of handicapped children, manual on preparation of proposals and State plans, summer 1967, academic year 1967-68. [1966.] v+20+[1] p. il. ([OE-35087.]) † ● Item 460-A-35 FS 5.235: 35087
- 16240 Scope of pupil personnel services; coordinated by Louise Omwake Eckerson, Hyrum M. Smith. [1966.] v+95 p. oblong 24° ([OE-23045.]) [Illustration on cover.] * Paper, 35c. ● Item 460-A-23 L.C. card HEW 66-161 FS 5.223: 23045
- 16241 State law relating to transportation and textbooks for parochial school students and Constitutional protection of religious freedom; by August W. Steinhilber, Carl J. Sokolowski. [1966.] iii+45 p. 4° (OE-20087. CIR 795; [Office of Legislation.]) * Paper, 35c. ● Item 460-A-20 L.C. card HEW 66-157 FS 5.220: 20087
- 16242 Summary report on bachelor's and higher degrees conferred during year 1964-65; by National Center for Educational Statistics. [1966.] [3]+9+[1] p. il. 4° ([OE-54010-65.]) * Paper, 15c. ● Item 460-A-54 L.C. card HEW 63-58 FS 5.254: 54010-65
- 16243 Summer seminars, overseas projects in education. [1966.] [2]+7+[1] p. narrow 8° ([OE-14131.]) † ● Item 460-A-14 FS 5.214: 14131

EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, D.C. 20210

- 16244 Address by Robert C. Goodwin, Administrator, Bureau of Employment Security, to 30th annual meeting of Interstate Conference of Employment Security Agencies, Gatlinburg, Tenn., Sept. 27, 1966. [1966.] 13 leaves, 4° † L 7.33: G 63/20
- 16245 Directory, youth opportunity centers. Sept. 1, 1966. 31 p. 4° † L 7.2: Y 8/5
- 16246 Manual for general aptitude test battery: sec. 2, Norms, occupational aptitude pattern structure. June 1966. iii+65 p. 4° * Paper, 45c. ● Item 756-B L 7.25/3: Ap 8/3/sec. 2
- 16247 Manual for USES general aptitude test battery: sec. 4, Norms, specific occupations. May 1966. [3]+87 p. 4° (U.S. Employment Service.) [Issued with marginal index tabs on blank cardboard showing titles.] * Paper, \$1.50. L 7.25/3: Ap 8/3/sec. 4
- 16248 Seven services, how Employment Service helps the handicapped. [1966.] [20] p. il. ([United States Employment Service.]) * Paper, 15c. ● Item 755 L 7.2: H 19/12

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, D.C. 20310, Attention Publications Office.

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

— Technical reports.

D 103.24/2: (nos.)

- 16249 2-734. Culvert pressures, Greenup Lock, Ohio River, Ky., hydraulic prototype tests; by P. M. Smith, R. A. Yates. Army-MRC Vicksburg, Miss., July 1966. x+23+[26] p. il. 4° [Sponsored by Office, Chief of Engineers, Army, and U.S. Army Engineer Districts, Pittsburgh, Huntington, and Louisville.] †

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 16250 2-736. Navigation conditions at Locks and Dam no. 4, Monongahela River, Pa., hydraulic model investigation: by J. J. Franco, C. D. McKellar, jr. Army-MRC Vicksburg, Miss., Aug. 1966. viii+20+[40] p. il. 4° [Sponsored by U.S. Army Engineer District, Pittsburgh.]
- 16251 2-739. Filling and emptying system, Cordell Hull Navigation Lock, Cumberland River, Tenn., hydraulic model investigation: by N. R. Oswalt, M. B. Boyd. Army-MRC Vicksburg, Miss., Sept. 1966. viii+24+[78] p. il. 4° [Sponsored by U.S. Army Engineer District, Nashville.]
- 16252 Your career in Corps of Engineers. [1966.] cover title, 32+[2] p. il. oblong 8° † ● Item 337 D 103.2: C 18/2

**FAMILY SERVICES BUREAU, Health, Education, and Welfare
Dept., Washington, D.C. 20201**

- 16253 Public welfare demonstration projects focus on education for AFDC youth: [prepared by Winifred Bell and Raymond F. Clapp]. Nov. 1965. cover title, [3]+35 p. 4° † L.C. card HEW 66-143 FS 14.202: P 96/12

**FARMER COOPERATIVE SERVICE, Agriculture Dept.
Washington, D.C. 20250**

General report. ● Item 65-A

- 16254 135. PCA cooperative-patron credit plan: by French M. Hyre. [July 1966.] v+12 p. 4° † L.C. card Agr 66-306 A 89.11: 135

**FEDERAL AVIATION AGENCY
Washington, D.C. 20553**

FAA handbooks. [Issued in looseleaf form.] ‡ ● Item 431-C-4

- 16255 8260.3. United States standards for terminal instrument procedures (TERPs). Sept. 1966. 181+[4]+47 p. il. 4° (Army Dept., Technical manual TM 11-2557-26; Navy Dept., OPNAV inst. 3722.16A, Air Force Dept., JAFM 55-9; Coast Guard manual CG 318.) [Text on p. 2 of cover. Cancels United States manual of criteria for standard instrument approach procedures (USMCSIAF), Sept. 1, 1956.] L.C. Card 66-62909 FAA 1.8/2: 8260.3
- 16256 SM-P-6000.4. Maintenance of control lines. [Change] 1; [June 29, 1966.] [1966.] [19] p. 4° [Approved June 29, 1966. Cancellation date Oct. 5, 1966.] FAA 1.8/2: SM-P-6000.4/ch.1

Federal aviation regulations. [Issued in looseleaf form.]

FAA 1.6/8: pt. (nos.)

- 16257 pt. 11. General rule-making procedures, Change 5 [effective] Aug. 20, 1966. [1966.] [16] p. 4° [Incorporates Amendment 11-5.] †
- 16258 pt. 21. Certification procedures for products and parts, Change 8 [effective July 6, 1966.] [1966.] [10] p. 4° [Incorporates Amendment 21-10.] †
- 16259 pt. 23. Airworthiness standards: Normal, utility, and acrobatic category airplanes. Reissue. [1966.] cover title, [1]+ix+P-2, 85+[44] p. il. 4° [Changes 1-3 attached at back.] * Paper, 65c. ● Item 431-C-13
- 16260 pt. 61. Certification: Pilots and flight instructors, Change 16 [effective] Aug. 12, 1966. [1966.] [10] p. 4° [Reflects rescission of amdt. 61-21.] †
- 16261 pt. 63. Certification: Flight crewmembers other than pilots, Change 6; [effective Aug. 12, 1966.] [1966.] [8] p. 4° [Reflects rescission of amdt. 63-4.] †
- 16262 pt. 65. Certification: Airmen other than flight crewmembers, Change 8 [effective] Aug. 12, 1966. [1966.] [12] p. 4° [Reflects rescission of Amendment 65-8.] † ● Item 431-C-13
- 16263 pt. 91. General operating and flight rules, Change 19 [effective] July 6 and 15, 1966. [1966.] [17] p. 4° † ● Item 431-C-13
- 16264 pt. 151. Federal aid to airports, Change 12 [effective] July 26, 1966. [1966.] [10] p. 4° [Incorporates amendment 151-12.] †
- 16265 pt. 167. Annette Island, Alaska, Airport. [1966.] cover title, [8] p. 4° [Includes all, if any, Changes published to date of purchase.] * Paper, 15c. ● Item 431-C-13
- 16266 General aviation inspection aids summary. Aug. 1966. cover title, viii+156 p. il. 4° ([Advisory circular] AC 20-7C; Flight Standards Service.) [Text on p. 2-4 of cover. Issued with perforations.] * Paper, \$1.50 a yr. (including basic manual and 11 monthly supplements); 50c. additional for foreign mailing. ● Item 431-C-6 L.C. card 59-61714 FAA 1.31: 966

GOVERNMENT PUBLICATIONS

- 16267 General aviation, study and forecast of fleet and its use in 1975. July 1966. ix+129 p. il. 4° (Office of Policy Development, Economics Division.)
 † ● Item 431-C-8
 L.C. card 66-62921 FAA 1.2: Av 5
- 16268 In these hands [story of air traffic control]. [1966.] [6] p. il. † ● Item
 431-C-8 FAA 1.2: H 19/966
- 16269 Instrument flight instructor, written examination guide [with one reference]. Revised 1966. [1966.] v+85 p. il. 4° ([AC-61-29.]) [Supersedes Instrument flight examination guide, 1962.] * Paper, 50c. ● Item
 431-C-4 FAA 1.8: In 7
- 16270 United States civil aircraft register. July 1, 1966. cover title, [62]+1480 p. 4° (AC 20-6F; Aeronautical Center, Data Services Division.) [Semiannual.] * Paper, \$6.50. ● Item 431-F-5
 L.C. card 63-65041 FAA 1.35/3: 966-2

FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, D.C. 20411

- 16271 FHA regulations: [Project mortgage insurance, amendments to sec. 207, 213, 220, 221, and 232]. [1966.] [24] p. ([FHA 4000.]) [Includes project regulations transmittal 47, July 25, 1966. Issued in looseleaf form.] †
 HH 2.6: M 84/6/964/trans.47
- 16272 Minimum property standards for urban renewal rehabilitation, 1-11 living units. Revised June 1966. [1966.] [1]+ii+1-2b, 3-56 p. 4° (FHA 950.) [Issued with perforations.] * Paper, 40c. ● Item 593
 L.C. card 66-62780 HH 2.17/3: Ur 1/966
- 16273 Rent supplement regulations no. 1. [1966.] [1]+4 p. [Includes Rent supplement payments transmittal 1. Issued in looseleaf form.] †
 HH 2.6: R 29/trans.1

FEDERAL POWER COMMISSION Washington, D.C. 20426

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$8.00 a year, \$3.00 additional for foreign mailing: single copy, 25c.

- 16274 National electric rate book: Iowa. July 1966. [2]+25 p. 4° [Issued with perforations. Supersedes issue of July 1965.] ● Item 437-A-13
 FP 1.18: Io 9/966
- 16275 — Michigan. Aug. 1966. [2]+31 p. 4° [Supersedes issue of Aug. 1965.]
 ● Item 437-A-20 FP 1.18: M 58/966
- 16276 — Texas. July 1966. [2]+55 p. 4° [Supersedes issue of July 1965.]
 ● Item 437-A-41 FP 1.18: T 31/966

FEDERAL REGISTER OFFICE, General Services Administration Washington, D.C. 20408

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply the 1965 pocket supplements for use during 1966 and any completely revised volumes issued in 1966 on a subscription basis at \$100.00 a year, \$30.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 16277 Supplement to Code of Federal regulations: title 46, Shipping pts, 146-149, as of July 1, 1966. [1966.] cover title, iv+239 p. * Paper, 60c.
 ● Item 572
 L.C. card 49-46198 rev. 3 GS 4.108: 46/pt. 146-149/supp. 966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS
Washington, D.C. 20551

- 16278 Commercial bank liquidity; [by] James L. Pierce. [1966.] p. 1093-1101. il. 4° (Staff economic study.) [Earlier draft presented at meeting of Federal Reserve System Committee on Financial Analysis, Philadelphia, Pa., Apr. 19-21, 1966. Reprinted from Federal reserve bulletin, Aug. 1966.] †
FR 1.3/a : L 669/3
- 16279 Historical chart book, 1966. [1966.] cover title, [2]+122 p. il. oblong 8° [Contains charts that supplement monthly Federal reserve chart book.] † Paper, 60c., quantities of 10 or more in single shipment, 50c., each; 10c. additional for foreign mailing, one copy included in annual subscription to Federal reserve chart book.
L.C. chart 50-13379
FR 1.30/2 : 966
- 16280 Interest rates in Western Europe. [1966.] [1]+1281-1299 p. il. 4° [Reprinted from Federal reserve bulletin, Sept. 1966.] †
FR 1.3/a : In 8/8
- 16281 Monetary policy and U.S. balance of payments, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System at Wharton School of Finance and Commerce, University of Pennsylvania, Philadelphia, Pa., Oct. 5, 1966. [1966.] [1]+15 leaves, 4° †
FR 1.23 : B 77/6
- 16282 Monitoring monetary policy, remarks by George W. Mitchell, member, Board of Governors of Federal Reserve System before New Hampshire Bankers Association, Whitefield, N.H., Oct. 14, 1966. [1966.] [1]+14 leaves, 4° †
FR 1.23 : M 69/34
- 16283 Recent monetary developments, remarks of Sherman J. Maisel, member, Board of Governors of Federal Reserve System, at Governor's conference on corporate pension fund investments, Los Angeles, Calif., Sept. 30, 1966. 1966. [1]+15 leaves, 4° †
FR 1.23 : M 28/5
- Regulation (series).
- 16284 H. Membership of State banking institutions in Federal Reserve System, amendment; effective Aug. 31, 1966. [1966.] [2] p. [Title 12, Code of Federal regulations, sec. 208.9.] †
FR 1.6 : H/952/amdt.-4
- 16285 Revision of weekly reporting member bank series. [1966.] p. 1137-40, 4° [Reprinted from Federal reserve bulletin, Aug. 1966.] †
FR 1.3/a : M 512/6
- 16286 Strategy of monetary policy in high employment economy, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System, before 76th annual convention of California Savings and Loan League, San Diego, Calif., Sept. 23, 1966. 1966. [1]+20 leaves, 4° †
FR 1.23 : B 77/5
- 16287 Tomorrow's money as seen today, remarks of George W. Mitchell, member, Board of Governors of Federal Reserve System at annual stockholders meeting of Federal Reserve Bank of Boston, Boston, Mass., Oct. 6, 1966. [1966.] [1]+12 leaves, 4° †
FR 1.23 : M 69/33

FEDERAL SUPPLY SERVICE, General Services Administration
Washington, D.C. 20405

- 16288 Federal specifications. ● Item 563 GS 2.8:
NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.
Complete information on the Index of Federal specifications will be found in the Appendix to the February 1966 issue of the Monthly Catalog under Entry number 3052 and in the May 1966 issue under Entry number 7426.
- Federal standards. [Issued with perforations.] ● Item 563
NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets, SW., Washington, D.C. 20407. All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.
- 16289 209a. Clean room and work station requirements, controlled environment. Aug. 10, 1966. [1]+iii+21 p. il. 4° [Supersedes Fed. std. 209, Dec. 16, 1963.] † Paper, 15c.
GS 2.8/3 : 209a

GOVERNMENT PUBLICATIONS

- 16290 GSA stock catalog: pt. 2, Standard forms, standard, optional, and GSA forms. [1966.] cover title, 24 p. 4° [Text on p. 2 of cover.] †
● Item 565-B GS 2.10/6: pt. 2/966

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, D.C. 20242

NOTE.—The Federal Water Pollution Control Administration was transferred from the Department of Health, Education, and Welfare to the Department of the Interior by Reorganization Plan no. 2 of 1966, effective May 10, 1966.

- 16291 Chesapeake Bay-Susquehanna River basins project for water supply and water quality management. [1965, revised June 1966.] [1966.] [2]+12+[2] p. il. narrow 8° ([WP-27.]) † ● Item 473-A-1
I 67.2: C 42
- 16292 Sewage and water works construction, 1965: [prepared by Kenneth H. Jenkins and Florence G. Simmons]. [1966.] iv+12 p. 4° ([WP-15.]) [Formerly Public Health Service publication 758.] † ● Item 498-A
I 67.11: 965

FISH AND WILDLIFE SERVICE, Interior Dept. Washington, D.C. 20240

- 16293 Birds in our lives; Alfred Stefferud, editor, Arnold L. Nelson, managing editor, Bob Hines, artist. [1966.] xiii+561 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) [Made up of signed articles. One illustration is colored. Contains copyright material.] * Cloth, \$9.00. ● Item 612
L.C. card 66-62764 I 49.2: B 53/3
- C.F.S. (series). (Bureau of Commercial Fisheries.) † ● Item 610-A
I 49.8/2: (nos.)
- 16294 4087. Michigan, Ohio & Wisconsin landings, 1965, annual summary. [1966.] 6 p. il. 4° [Prepared in cooperation with Michigan Department of Conservation, Division of Fish and Fisheries, Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management and Wisconsin Conservation Department, Division of Fish Management.]
- 16295 4124. Virginia landings, 1965, annual summary. [1966.] 13 p. il. 4° [Prepared in cooperation with Virginia Commission of Fisheries, Newport News, Institute of Marine Science, Gloucester Point, Potomac River Fisheries Commission, Colonial Beach.]
- 16296 4133. Georgia landings, 1965, annual summary. [June 1966.] 9 p. il. 4° [Prepared in cooperation with Georgia State Game and Fish Commission, Atlanta, Ga.]
- Circulars. † I 49.4: (nos.)
- 16297 239. Report of Bureau of Commercial Fisheries Biological Station, St. Petersburg Beach, Fla., fiscal years 1962-64. Apr. 1966. [2] leaves+26 p. il. 4° (Bureau of Commercial Fisheries.) [Contribution no. 23, Bureau of Commercial Fisheries Biological Station, St. Petersburg Beach, Fla.]
- 16298 246. Annual report of Bureau of Commercial Fisheries, Biological Laboratory, Galveston, Tex., fiscal year 1965 [with list of publications]. June 1966. iv+51 p. il. 4° (Bureau of Commercial Fisheries.) [Contribution 208, Bureau of Commercial Fisheries, Biological Laboratory, Galveston, Tex.]
● Item 609
L.C. card 66-62912

Fishery market development series. (Bureau of Commercial Fisheries.)

- 16299 3. Heirloom seafood recipes to treasure. [June 1966.] cover title, [20] p. il. [Prepared in cooperation with commercial fishing industry.] * Paper, 20c.
● Item 611-F I 49.49/2: 3

Refuge leaflets. (Bureau of Sport Fisheries and Wildlife.) †
I 49.44: (nos.)

- 16300 11. Seney National Wildlife Refuge. [Revised July 1966.] [1966.] [4] p. il. 4° ● Item 612-C
- 16301 28. Laguna Atascosa National Wildlife Refuge. [Revised edition.] [June 1966.] 4 p. il. 4°
- 16302 39. Parker River National Wildlife Refuge. [1958, revised May 1966.] [1966.] 4 p. il. 4°
- 16303 107. Birds of Mattamuskeet and Swanquarter National Wildlife Refuges. [Revised edition.] [July 1966.] 4 p. 4°
- 16304 113. Birds of Pea Island National Wildlife Refuge. [Apr. 1954, revised June 1966.] [1966.] 4 p. 4°
- 16305 128. Birds of Chincoteague National Wildlife Refuge. [Oct. 1954, revised Apr. 1966.] [1966.] 4 p. 4°
- 16306 152. Birds of Medicine Lake National Wildlife Refuge. [Mar. 1954, revised June 1966.] [1966.] 4 p. 4°

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16307 155. Birds of Squaw Creek National Wildlife Refuge. [Revised July 1966.]
[1966.] 4 p. 4°
16308 214. Birds of Harris Neck National Wildlife Refuge. [June 1966.] 4 p. 4°
16309 215. Birds of Blackbeard Island National Wildlife Refuge. [June 1966.] 3 p. 4°
16310 409. Fishes of Delta National Wildlife Refuge. [July 1966.] 4 p. il. 4°

Resource publications.

I 49.66: (nos.)

- 16311 26. Annual report for 1965, cooperative fishery units; prepared by Travis Roberts.
June 1966. iv+69 p. il. 4° (Division of Fishery Services; Bureau of
Sport Fisheries and Wildlife.) [Includes list of publications and papers
prepared and presented by unit personnel.] †
L.C. card 66-60288
16312 27. 1965 national survey of fishing and hunting. [1966.] iv+76 p. il. oblong
12° (Bureau of Sport Fisheries and Wildlife.) * Paper, 75c. ● Item
613-B
L.C. card 56-62461

Special scientific report: Fisheries (series). (Bureau of Commercial Fisheries.)

- 16313 538. Distribution of spawning pink salmon in Sashin Creek, southeastern Alaska,
and survival of their progeny [with list of literature cited]; by William
J. McNeil. Sept. 1966. iii+12 p. il. 4° ‡ ● Item 614-B
I 49.15/2: 538

— Wildlife (series). (Bureau of Sport Fisheries and Wildlife.)

- 16314 96. Metabolism of pesticides [with bibliography]; by Calvin M. Menzie. May
1966. 274 p. il. 4° ‡ I 49.15/3: 96

Wildlife leaflets. (Bureau of Sport Fisheries and Wildlife.) †

I 49.13: (nos.)

- 16315 473. Big game inventory for 1965; compiled in Bird and Mammal Laboratories,
Division of Wildlife Research. Aug. 1966. 4 p. 4°
16316 474. Fur catch in United States, 1965; compiled in Bird and Mammal Laboratories,
Division of Wildlife Research. Aug. 1966. 4 p. il. 4°

FLIGHT STANDARDS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 16317 Flight test guide: Private pilot airplane, single-engine. Revised 1966.
[1966.] vi+28 p. narrow 12° ([Advisory circular AC 61-3A.]) [Su-
persedes edition of Apr. 1963.] * Paper, 20c. ● Item 431-F-3
FAA 5.8/2: F 64/2/966

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 16318 General regulations for enforcement of Federal food, drug and cosmetic act,
title 21, pt. 1. June 1966. [2]+31 p. 4° ([F.D.C. regs., pt. 1.]) [Re-
printed from Code of Federal regulations (21 CFR). Issued in loose-
leaf form.] * Paper, 25c. ● Item 480 FS 13.106/2: 1/3

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, D.C. 20250

[Foreign Agricultural Service, miscellaneous], FAS M (series).

- 16319 179. Cotton in Turkey; by Vernon L. Harness and Charles F. Lewis. Sept. 1966.
iv+18 p. il. 4° †
L.C. card Agr 66-342 A 67.26: 179

FOREST SERVICE, Agriculture Dept. Washington, D.C. 20250

- 16320 Defending United States from nuclear fire, resumé of final report of Na-
tional fire coordination study [with list of references; by William R.
Moore, James W. Jary, and John H. Dieterich]. [1966.] cover title,
15 p. il. 4° (Division of Fire Control.) [National fire coordination
study was conducted by Forest Service for Office of Civil Defense under
project OCD-PS-64-229. Page 15 appears on p. 3 of cover.] †
A 13.2: F 51/47

- 16321 Forest insect conditions in United States, 1965. [Sept. 1966.] 47 p. il.
4° † ● Item 82-B
L.C. card 63-65001 A 13.52/2: 965

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 47

GOVERNMENT PUBLICATIONS

Forest pest leaflet. ● Item 82-A

- 16322 101. Strumella canker of oaks [with list of references]; by David R. Houston.
Aug. 1966. 8 p. il. †
L.C. card Agr 66-305 A 13.52 : 101

Research note INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.79 : INT-(nos.)

- 16323 INT-43. Snow loads on roofs in area of heavy snowfall; [by] Robert D. Doty and Glenn H. Deitschman. 1966. 4 p. il. 4°
16324 INT-44. Evaluating growth performance of young stands; [by] A. L. Roe and R. E. Benson. 1966. 7 p. il. 4°
16325 INT-46. Effect of pine butterfly defoliation on ponderosa pine in southern Idaho [with list of literature cited; by] Walter E. Cole. 1966. 7 p. il. 4°

Research note ITF (series). (Institute of Tropical Forestry, Rio Piedras, Puerto Rico.) † A 13.79 : ITF-(nos.)

- 16326 ITF-3. Survival and growth of bagged and barerooted Honduras pine, cadam, and primavera; by José Marrero. Dec. 1965. 4 p. 4° [English and Spanish.]
16327 ITF-4. Effect of plastic mulch on weed growth and early height growth of Honduras pine; by José Marrero. Dec. 1965. 5 p. 4° [Prepared in cooperation with University of Puerto Rico. Text in English and Spanish.]
16328 ITF-5. Potting media for Honduras pine; by José Marrero. Dec. 1965. 7 p. 4° [English and Spanish.]

Research note SE (series). (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79 : SE-(nos.)

- 16329 SE-61. One prescribed burn and its effects on habitat of Powhatan Game Management Area; [by Charles T. Cushwa and John B. Redd]. Sept. 1966. [2] p. 4°
16330 SE-62. Sycamore produces viable seed after 6 years; [by A. F. Ike, jr.]. Sept. 1966. [2] p. 4°
16331 SE-63. Early response of pole-sized slash pine to drainage; [by Ralph A. Klavitter]. Sept. 1966. [2] p. il. 4°
16332 SE-64. Estimating recreation use on complex of developed sites [with list of literature cited; by George A. James and John L. Rich]. Sept. 1966. [8] p. il. 4°

Research note SO-(series). (Southern Forest Experiment Station, New Orleans, La.) † A 13.79 : SO-(nos.)

- 16333 SO-30. Pine seedling survival under simulated drought [with list of literature cited; by] John J. Stransky and Durell R. Wilson. 1966. 2 p. il. 4°
16334 SO-31. Litter in longleaf pine stands thinned to prescribed densities [with list of literature cited; by] W. D. Boyer and G. R. Fahnestock. 1966. 4 p. il. 4°
16335 SO-32. Survival and 1st-year growth of hardwoods planted in saturated soils [with list of literature cited; by] F. T. Bonner. 1966. 4 p. il. 4°

Research paper INT (series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.78 : INT-(nos.)

- 16336 INT-27. Bibliography of high-temperature kiln drying of lumber; [by] David P. Lowery and John P. Krier. 1966. [2]+14+[1] p. 4°
L.C. card 66-62792
16337 INT-29. Initial vegetal development following prescribed burning of Douglas-fir in south-central Idaho; [by] L. Jack Lyon. 1966. [2]+17+[1] p. il. 4°

Research paper ITF-(series). (Institute of Tropical Forestry, Rio Piedras, Puerto Rico.) †

- 16338 ITF-2. Solar drying of tropical hardwoods [with list of literature cited; by M. Chudnoff, E. D. Maldonado, and E. Goytia]. Apr. 1966. cover title. 26 p. il. 4° [Prepared in cooperation with University of Puerto Rico. Resume in Spanish on p. 2 of cover. Abstract cards inserted.]
A 13.78 : ITF-2

Research paper SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.)

- 16339 SE-21. Racial variation in slash pine as affected by climatic factors [with list of literature cited]; by A. E. Squillace. Aug. 1966. cover title. [2]+10 p. il. 4° [Abstract cards inserted.] † A 13.78 : SE-21

GENERAL ACCOUNTING OFFICE

Washington, D.C. 20548

- 16340 Audits of Government contracts. [1966.] v+25 p. il. * Paper, 15c.
● Item 545 GA 1.2 : Au 2/5
16341 Decisions of Comptroller General, v. 44, July 1, 1964-June 30, 1965. [1966.] xxxiii+1018 p. * Cloth, \$3.75. ● Item 544
L.C. card 22-24145 GA 1.5 : 44

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 16342 Report to Congress of United States: Examination of financial statements of Columbia River Federal Power System, fiscal year 1965, Departments of Army and Interior; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+31 p. 4° † Paper, \$1.00.
L.C. card 66-62587 GA 1.13: C 72/2
- 16343 — Follow-up review of management of aircraft engines used in ground training programs, Department of Air Force; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+20 p. 4° † Paper, \$1.00.
L.C. card 66-62624 GA 1.13: En 3/12
- 16344 — Long-term leasing of buildings and land by Government contractors, Department of Defense; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+49 p. 4° † Paper, \$1.00.
L.C. card 66-62590 GA 1.13: L 48/4
- 16345 — Need for effective controls over timber-cutting practices in Pacific Northwest Region, Forest Service, Department of Agriculture; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+23 p. 4° † Paper, \$1.00.
L.C. card 66-62589 GA 1.13: T 48/6
- 16346 — Potential savings to Government through increased purchasing from General Services Administration supply sources by contractors which operate facilities of Atomic Energy Commission; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+22 p. 4° † Paper, \$1.00.
L.C. card 66-62591 GA 1.13: P 97/3
- 16347 — Review of financial administration of selected grants for health services made to Indiana, Public Health Service, Department of Health, Education, and Welfare; by Comptroller General of United States. Sept. 1966. cover title, [5] leaves+31 p. 4° † Paper, \$1.00.
L.C. card 66-62604 GA 1.13: H 34/5
- 16348 — Review of policy of leasing motor vehicles for use of government contractors, Department of Defense; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+18 p. 4° † Paper, \$1.00.
L.C. card 66-62592 GA 1.13: M 85/8
- 16349 — Review of procurement and utilization of security covers for nuclear weapons, Atomic Energy Commission and Department of Defense; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+25 p. 4° † Paper, \$1.00.
L.C. card 66-62588 GA 1.13: W 37/5
- 16350 — Savings available if uniform items are furnished to postal employees in lieu of allowances, Post Office Department; by Comptroller General of United States. Sept. 1966. cover title, [3] leaves+26 p. 4° † Paper, \$1.00.
L.C. card 66-62603 GA 1.13: Un 3/5
- 16351 — Unauthorized use of management and investigations of resources funds for new construction, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Department of Interior; by Comptroller General of United States. Sept. 1966. cover title, [7]+31 p. 4° † Paper, \$1.00.
L.C. card 66-62605 GA 1.13: F 96/6

GENERAL SERVICES ADMINISTRATION
Washington, D.C. 20405

- 16352 Federal Fire Council, minutes of annual meeting, Apr. 12, 1966, future of municipal fire service, industrial fire safety today. [Apr. 12, 1966.] cover title, v+38 p. il. 4° †
L.C. card 50-33430 GS 1.14/3: 966
- 16353 Federal fire experience for fiscal year 1965. [Sept. 1966.] cover title, ii+6 p. il. 4° (Federal Fire Council.) [Condensed report. Text on p. 2 and 3 of cover.] †
L.C. card 57-61373 GS 1.14/2: 965

GOVERNMENT PUBLICATIONS

GEOGRAPHIC NAMES BOARD, Interior Dept. Washington, D.C. 20240

Gazetteer. ● Item 617

- 16354 100. Mauritania, official standard names approved by Board on Geographic names : prepared in Office of Geography. June 1966. [2] + vii + 149 p. il. oblong 8° † Limited distribution. Office of Geography, Interior Dept. I 33.8 : 100
L.C. card 66-62751

GEOLOGICAL SURVEY, Interior Dept. Washington, D.C. 20405

Bulletins. ● Item 620

A 19.3 : (nos.)

- 16355 1198-E. Geochemical reconnaissance in Pequop Mountains and Wood Hills, Elko County, Nev. [with list of references cited] ; by R. L. Erickson [and others]. 1966. iii + 20 p. il. 1 pl. in pocket. [Discussion of anomalously high concentrations of zinc, lead, and mercury in Guilmette Formation and Simonson Dolomite of Devonian age in Pequop Mountains and Wood Hills. Contributions to geochemical prospecting for minerals.] * Paper, \$1.00.
16356 1220. Terrestrial impact structures, bibliography ; by Jacquelyn H. Freeberg. 1966. v + 91 p. 1 pl. in pocket. * Paper, 70c.
16357 1234. Bibliography of North American geology, 1964 ; [by James W. Clarke and others]. 1966. v + 944 p. * Paper, \$2.75.
L.C. card GS 9-427

- 16358 Earth resources observation satellite, EROS, Department of Interior program to utilize space-acquired data for natural and human resource management. [1966.] cover title, 9 leaves, 7 pl. 4° † I 19.2 : Sa 8/2

Professional papers. ● Item 624

A 19.16 : (nos.)

- 16359 272-G. Evaporation study in humid region, Lake Michie, N.C. [with list of selected references] ; by J. F. Turner, jr. 1966. iv + 137 = 157 p. il. 4° [Prepared in cooperation with Durham, N.C. Evaluation of evaporation using mass-transfer and water-budget techniques. Studies of evaporation.] * Paper, 20c.
16360 486-C. Hydrologic regimen of Salton Sea, Calif. [with list of references] ; by Allen G. Hely, G. H. Hughes, and Burdge Irelan. 1966. iv + 32 p. il. 4° [Study of variations in water level and water quality and their causes. Water resources of lower Colorado River, Salton Sea area.] * Paper, 30c.
16361 523-C. Late Pleistocene marine paleoecology and zoogeography in central California [with list of references] ; by W. O. Addicott. 1966. iii + 21 + [2] p. il. 4 pl. 4° [Invertebrate assemblages analogous to Aleutian molluscan province indicate former cool-temperate marine climate. Contributions to paleontology.] * Paper, 35c.

Water-supply papers. ● Item 625

I 19.3 : (nos.)

- 16362 1757-E. Occurrence, chemical quality and use of ground water in Tabulbah area, Tunisia [with list of references] ; by L. C. Dutcher and H. E. Thomas. 1966. iii + 29 p. il. 5 pl. in pocket. [Prepared in cooperation with Groupe d'Hydraulique et l'Equipe Rural, Tunisian Secretariat of State for Agriculture under Auspices of United States Agency for International Development. Contributions to hydrology of Africa and Mediterranean region. One plate is colored.] * Paper, \$1.25.
16363 1798-C. Sedimentation in Brownell Creek subwatershed no. 1, Nebr. [with list of literature cited] ; by James C. Mundorff. 1966. v + 49 p. il. 1 pl. in pocket. [Prepared in cooperation with Department of Agriculture Soil Conservation Service. Sedimentation in small drainage basins.] * Paper, 60c.
16364 1950. Quality of surface waters of United States, 1963 : pts. 7-8, Lower Mississippi River Basin and Western Gulf of Mexico Basins : [prepared by personnel of Water Resources Division]. 1966. xii + 635 p. il. [Prepared in cooperation with Arkansas, Kansas, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, and Texas, and with other agencies.] * Paper, \$2.00
L.C. card GS 43-68

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, D.C. 20201

- 16365 Health, education, and welfare trends : pt. 2. State data and State rankings in health, education, and welfare ; [by Eleanor P. Hunt and Earl E. Huyck]. 1965 edition. [1966.] vi + 19 + S73 p. il. 4° ([Office of Assistant Secretary for Program Coordination.]) [Annual supplement to monthly Health, education, and welfare indicators. Edge index on p. 4 of cover.] * Paper, 55c. ● Item 445-B
L.C. card HEW 59-33 FS 1.19 : 965/pt. 2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16366 Programs and services, Department of Health, Education, and Welfare.
Sept. 1966. vi+374 p. 4° * Paper, \$2.00 ● Item 445
L.C. card 66-62766 FS 1.2: H 34/10

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, D.C. 20536

- 16367 Citizenship Day and Constitution Week bulletin, Sept. 17, 1966. [1966.]
[3]+26 p. † ● Item 723-B J 21.14: 966

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, D.C. 20240

- 16368 Indians of California. [1966.] cover title, 20 p. il. oblong 24° * Paper.
15c. ● Item 627-A I 20.51: C 12
L.C. card 66-60547
- 16369 Indians of central Plains. [1966.] cover title, 20 p. il. oblong 25° * Paper.
15c. ● Item 627-A I 20.51: C 33
L.C. card 66-60547

INTERIOR DEPARTMENT Washington, D.C. 20240

- 16370 C. F. Braun & Company conceptual design 150-MGD-LTV desalting plant
[with bibliography]; by C. F. Braun & Company, Alhambra, Calif. Aug.
1966. [166] p. il. 4° ([Office of Saline Water; contract 14-01-0001-
733.]) * Paper, \$2.25. ● Item 604-A I 1.87/3: B 73/2
- 16371 Saline water conversion report for 1965 [with reference and bibliography].
[1966.] xxv+308 p. il. 4° (Office of Saline Water.) [Includes list of
Research and development progress reports.] * Paper, \$1.50. ● Item
604-A I 1.1/3: 965
L.C. card 61-61386
- [Saline water] research and development progress reports. (Office of
Saline Water.) ● Item 604-A-1 I 1.88: (nos.)
- 16372 182. Transport of electrolytes through membrane systems; by Milton S. Mintz,
Southern Research Institute, Birmingham, Ala. May 1966. iv+58 p.
il. 4° ([Contract 14-01-0001-464.]) * Paper, 40c.
L.C. card 66-62743
- 16373 195. Desalination by electrosorption and desorption; by Robert E. Lacey, South-
ern Research Institute, Birmingham, Ala. June 1966. [2]+iv+71 p. il.
4° ([Contract 14-01-0001-409.]) * Paper, 45c.
- 16374 199. Study and analysis of application of saline water conversion processes to
acid mine waters; by W. C. Schroeder and J. M. Marchello, Department
of Chemical Engineering, University of Maryland. Aug. 1966. [4]+iv+
65 p. 4° ([Contract 14-01-0001-645.]) * Paper, 45c.
L.C. card 66-62785
- 16375 200. Mechanism of boule flotation on water and other liquids; by Kenneth Hick-
man, Rochester Institute of Technology, Rochester, N.Y. Sept. 1966.
[2]+1-41A, 42-64 p. il. 4° ([Grant 14-01-0001-375.]) * Paper, 40c.
L.C. card 66-62911
- 16376 202. Development of improved ion-selective membranes for desalting water, [pt.
1 and 2; by W. C. Sheehan, R. W. Ligett, E. B. Dismukes, Southern Re-
search Institute, Birmingham, Ala.] [Aug. 1966.] cover title, [1]+
iv+56+iii+48 p. il. 4° ([Contracts 14-01-0001-347 and 14-01-0001-
508.]) * Paper, 60c.
L.C. card 66-62667
- 16377 205. Research on pumping unit studies, final evaluation report; by Bureau of
Reclamation, Office of Chief Engineer. Sept. 1966. [3]+ii+39 leaves,
il. 4° ([Contract 14-01-000-544.]) * Paper, 65c.
L.C. card 66-62786
- 16378 207. Engineering study of potentialities and possibilities of desalting for north-
ern New Jersey and New York City [with bibliography]; by Ralph M.
Parsons Company, Los Angeles, Calif. Sept. 1966. [342] p. il. 3 pl.
map, 4° ([Contract 14-01-0001-749.]) * Paper, \$2.25.
L.C. card 66-62783
- 16379 Study of strip and surface mining in Appalachia, interim report to Appala-
chian Regional Commission [with list of selected references]. [1966.]
xxv+78 p. il. 4° [Text on p. 2 of cover.] * Paper, \$1.00. ● Item 603
L.C. card 66-62700 I 1.2: M 66/2

✦For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

Page 51

GOVERNMENT PUBLICATIONS

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, D.C. 20224

16380 Guide to laws enforced by Alcohol and Tobacco Tax Division, for law enforcement officers. [Revised July 1966.] [1966.] 16 p. il. narrow 16° (Document 5173.) † ● Item 956-A T 22.19/2: L 44/966

16381 Looseleaf regulations system; Service 5. Procedure and administration, transmittal 30. July 29, 1966. [5] p. 4° ● Item 961 T 22.19/3: 5/trans.30

NOTE.—Service 5 consists of pts. 152, 301-303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$4.50 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.

16382 What you should know about Alcohol and Tobacco Tax Division [with bibliography; prepared by Alcohol and Tobacco Tax Division]. [1966.] 32 p. il. (Publication 425 (rev. 6-66); [Document 5304 (12-60)].) † ● Item 956 T 22.2: A1 1/3/966-2

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, D.C. 20523

16383 Investment in southeast Asia [studies, with bibliographies; prepared by International Development Services, Inc.]. July 1966. iii+[2]+108 p. 4° (Southeast Asia supplement to Catalog of investment information and opportunities index; Office of Development Finance and Private Enterprise.) [Issued with perforations. Illustration on front cover. One page left blank for notes.] † L.C. card 66-60899 S 18.35/3: As 4

INTERNATIONAL LABOR AFFAIRS BUREAU, Labor Dept. Washington, D.C. 20210

16384 Directory of labor organizations, Africa; [prepared by Essie A. Hunter and others]. Revised edition. May 1966. [Edge index and how to use, on last page. Prepared in cooperation with Labor Statistics Bureau.] * Stiff board, \$6.25 per set (2 vols.). ● Item 762-A L 29.9: Af 8/966/v.1,2
v. 1. [Algeria.] [462] p. il. 4°
v. 2. [Portuguese Guinea-Zambia.] [418] p. 4°

INTERSTATE COMMERCE COMMISSION Washington, D.C. 20423

16385 Ex parte 171, rules, standards and instructions for installation, inspection, maintenance and repair of automatic block signal systems, interlocking traffic control systems, automatic train stop, train control and cab signal systems and other similar appliances, methods and systems; effective Mar. 31, 1966. [1966.] cover title, [2]+84 p. 16° (Bureau of Railroad Safety and Service.) [Approved June 29, 1950 and revised Apr. 3, 1961, Sept. 22, 1964 and Jan. 24, 1966.] * Paper, 35c. ● Item 678 IC 1.12/2: Si 2/966

16386 Results of selective safety road-checks, data from 1964 and 1965. June 1966. [9] p. narrow f° (Bureau of Operations and Compliance.) [Corrected table 1, 1 p. oblong 8°, issued also.] † IC 1 mot.2: R 53/964/65

JOINT CHIEFS OF STAFF, Defense Dept. Washington, D.C. 20301

16387 Industrial College of Armed Forces, 1966-67 [catalog]. [1966.] cover title, 48+[4] p. il. oblong 8° ([Fort Lesley J. McNair, Washington, D.C.]) † ● Item 315-B D 5.11: 966-67

Industrial College of Armed Forces: [Monograph] publication R (series).

16388 237. Catalog of publications, 1964-65. [1966.] [3]+ii+1-40a, 41-219 p. 4° [Issued with perforations.] † ● Item 315-B D 5.10/3: 237

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

JCS pub. (series). • Item 315-C

- 16389 1. Dictionary of United States military terms for joint usage (short title: JD). Jan. 1, 1966. cover title, viii+204 p. 4° [NATO & SEATO glossaries, AAP-6 & SEAP-2, incorporated. Supersedes JCS pub. 1, Dec. 1, 1964. Issued with perforations.] * Paper, \$1.25. D 5.12: 1/6
L.C. card 59-62410 rev.

JOINT PUBLICATIONS RESEARCH SERVICE
Washington, D.C. 20443

NOTE.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately.

- 16390-1 Communist Chinese scientific abstracts: Agricultural science and technology, nos. 30-35: JPRS 37602, 37730, 37741, 37795, 38014, 38022.
16390-2 Communist Chinese scientific abstracts: Bio-medical sciences, nos. 140-158: JPRS 37595, 37596, 37665, 37694, 37732, 37781, 37787, 37791, 37849, 37869, 37917, 37961, 38001, 38010, 38026, 38024, 38030, 38040, 38069.
16390-3 Communist Chinese scientific abstracts: Chemistry, nos. 32-43: JPRS 37597, 37666, 37695, 37727, 37782, 37794, 37835, 37940, 37974, 38021, 38031, 38043.
16390-4 Communist Chinese scientific abstracts: Earth sciences, nos. 65-69: JPRS 37598, 37728, 38011, 38032, 38051.
16390-5 Communist Chinese scientific abstracts: Electronics and electrical engineering, nos. 33-38: JPRS 37599, 37667, 37733, 37836, 38012, 38033.
16390-6 Communist Chinese scientific abstracts: Engineering and equipment, nos. 45-52: JPRS 37696, 37729, 37850, 37901, 37962, 38017, 38041, 38092.
16390-7 Communist Chinese scientific abstracts: Materials science and metallurgy, no. 4: JPRS 38034.
16390-8 Communist Chinese scientific abstracts: Physics and mathematics, nos. 49-56: JPRS 37600, 37601, 37668, 37697, 38013, 38042, 38077, 38093.
16390-9 Conferences in Soviet bloc, no. 22: JPRS 37589.
16390-10 Cybernetics, USSR, no. 3, 1966: JPRS 38096.
16390-11 East European scientific abstracts: Bio-medical science, nos. 49-51: JPRS 37583, 37812, 37949.
16390-12 East European scientific abstracts: Chemistry, no. 80: JPRS 37950.
16390-13 East European scientific abstracts: Cybernetics, computers, and automation technology, no. 17: JPRS 37944.
16390-14 East European scientific abstracts: Earth sciences, no. 46: JPRS 37860.
16390-15 East European scientific abstracts: Electronics and electrical engineering, no. 25: JPRS 37861.
16390-16 East European scientific abstracts: Engineering and equipment, no. 24: JPRS 37808.
16390-17 East European scientific abstracts: Materials science and metallurgy, no. 3: JPRS 37862.
16390-18 East European scientific abstracts: Physics and mathematics, no. 71: JPRS 37809.
16390-19 Economic and geographic translations on Latin America, nos. 48-53: JPRS 37582, 37648, 37839, 37910, 37934, 38009.
16390-20 Epidemiology reports from the world press, no. 17: JPRS 37915.
16390-21 Heliotechnology, USSR, no. 2, 1966: JPRS 37750.
16390-22 Herald of communications, nos. 6-7, 1966: JPRS 37577, 38005.
16390-23 Index of La Stampa and La Stampa sera, nos. 330-334: JPRS 37612, 37699, 37776, 38008, 38083.
16390-24 Index of Le Monde, no. 76: JPRS 37909.
16390-25 Military information on Eastern Europe, nos. 142-145: JPRS 37618, 37726, 37788, 37906.
16390-26 Political translations on Eastern Europe, nos. 229-234: JPRS 37606, 37759, 37852, 37919, 37945, 38015.
16390-27 Press information report on Albania, nos. 184-191: JPRS 37605, 37672, 37764, 37907, 37920, 37993, 38019, 38076.
16390-28 Press information report on Iran, no. 8: JPRS 37771.
16390-29 Problems of information transmission, v. 2, no. 2: JPRS 37632.
16390-30 Sociological translations on Eastern Europe, nos. 372-378: JPRS 37613, 37691, 37765, 37863, 37921, 37957, 38035.
16390-31 Soviet military translations, nos. 323-331: JPRS 37645, 37737, 37830, 37840, 37866, 37951, 37989, 37995, 37999.
16390-32 Soviet press materials on arms control and disarmament, no. 6: JPRS 37905.
16390-33 Soviet public health, USSR, no. 5, 1966: JPRS 37990.
16390-34 Summary of Bulgarian provincial press, no. 262: JPRS 37673.
16390-35 Summary of Polish provincial press, no. 462: JPRS 37633.
16390-36 Summary of Rumanian provincial press, nos. 357-359: JPRS 37617, 37740, 37790.
16390-37 Translations from Hoc tap (Studies), North Vietnam, nos. 7-8, 1966: JPRS 37878, 38079.
16390-38 Translations from Hung-ch'i (Red flag), no. 35: JPRS 37902.
16390-39 Translations from Kommunist, nos. 11-12, 1966: JPRS 37681, 37971.
16390-40 Translations of Pravda editorials, USSR, nos. 682-698: JPRS 37588, 37654, 37664, 37717, 37742, 37762, 37807, 37829, 37859, 37891, 37932, 37943, 37969, 38004, 38029, 38060, 38085.

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 16390-41 Translations on Africa, nos. 431-443; JPRS 37573, 37644, 37677, 37724, 37735, 37769, 37796, 37818, 37914, 37918, 37959, 38063, 38099.
- 16390-42 Translations on Communist China: Economic, nos. 12-14; JPRS 37566, 37873, 38046.
- 16390-43 Translations on Communist China: Political and sociological, nos. 370-373; JPRS 37639, 37669, 37712, 37903.
- 16390-44 Translations on Communist China: Science and technology, nos. 344-345; JPRS 37774, 38078.
- 16390-45 Translations on Cuba, nos. 482-498; JPRS 37575, 37576, 37642, 37643, 37698, 37722, 37725, 37772, 37777, 37792, 37820, 37874, 37929, 37960, 38003, 38064, 38084.
- 16390-46 Translations on East European agriculture, forestry, and food industries, nos. 474-481; JPRS 37615, 37634, 37713, 37731, 37814, 37946, 37972, 38045.
- 16390-47 Translations on East European foreign trade, nos. 293-302; JPRS 37611, 37635, 37692, 37693, 37711, 37760, 37853, 37864, 37885, 37966.
- 16390-48 Translations on East European heavy industry, nos. 289-293; JPRS 37581, 37636, 37877, 37947, 37967.
- 16390-49 Translations on East European materials industries, nos. 310-315; JPRS 37610, 37761, 37815, 37973, 38061, 38098.
- 16390-50 Translations on East European service industries, nos. 468-475; JPRS 37614, 37637, 37766, 37816, 37847, 37908, 37922, 37968.
- 16390-51 Translations on economic organization and management in Eastern Europe, nos. 604-610; JPRS 37638, 37767, 37780, 37848, 37948, 38016, 38052.
- 16390-52 Translations on international Communist developments, nos. 881-889; JPRS 37616, 37676, 37714, 37755, 37838, 37890, 37928, 38002, 38070.
- 16390-53 Translations on Mongolia, nos. 116-119; JPRS 37837, 37889, 38018, 38094.
- 16390-54 Translations on Near East, nos. 26-36; JPRS 37572, 37607, 37608, 37770, 37819, 37879, 38023, 38028, 38036, 38081, 38082.
- 16390-55 Translations on North Korea, nos. 11-14; JPRS 37674, 37854, 37958, 38026.
- 16390-56 Translations on North Vietnam, nos. 28-45; JPRS 37565, 37640, 37641, 37675, 37723, 37734, 37768, 37775, 37817, 37904, 37941, 37954, 37963, 38007, 38027, 38047, 38062, 38080.
- 16390-57 Translations on south and east Asia, nos. 130-133; JPRS 37609, 37619, 37756, 37942.
- 16390-58 Translations on Soviet education, nos. 44-53; JPRS 37580, 37604, 37631, 37739, 37754, 37876, 37888, 37998, 38000, 38097.
- 16390-59 Translations on Soviet law and social regulations, nos. 13-15; JPRS 37585, 37626, 37749.
- 16390-60 Translations on USSR agriculture, nos. 154-159; JPRS 37719, 37841, 37846, 37977, 38053, 38095.
- 16390-61 Translations on USSR consumer goods and domestic trade, nos. 137-145; JPRS 37671, 37699A, 37789, 37843, 37882, 37965, 37996, 38050, 38091.
- 16390-62 Translations on USSR labor, nos. 130-134; JPRS 37718, 37738, 37881, 37964, 37976.
- 16390-63 Translations on USSR transportation, nos. 138-145; JPRS 37620, 37670, 37720, 37842, 37978, 38025, 38054, 38090.
- 16390-64 USSR economy and industry: Current developments, nos. 12-15; JPRS 37678, 37813, 37970, 38049.
- 16390-65 USSR economy and industry: General information, nos. 27-39; JPRS 37659, 37736, 37752, 37783, 37865, 37870, 37880, 37886, 37975, 37994, 38048, 38058, 38068.
- 16390-66 USSR industrial development: Automotive and tractor industry, nos. 16-20; JPRS 37831, 37883, 37952, 37997, 38071.
- 16390-67 USSR industrial development: Chemical industry and machinery, nos. 11-15; JPRS 37621, 37680, 37832, 37884, 38056.
- 16390-68 USSR industrial development: Construction, construction machinery, and building materials, nos. 17-26; JPRS 37587, 37622, 37658, 37679, 37748, 37753, 37784, 37793, 37833, 38055, 38072.
- 16390-69 USSR industrial development: Electric power, power machinery, and electrical equipment, nos. 13-20; JPRS 37579, 37586, 37623, 37721, 37785, 37834, 37875, 38073.
- 16390-70 USSR industrial development: Electronics and precision equipment, nos. 9-12; JPRS 37624, 37657, 37916, 38074.
- 16390-71 USSR industrial development: Metallurgy and minerals, nos. 16-22; JPRS 37584, 37656, 37786, 37844, 37867, 37979, 38057.
- 16390-72 USSR industrial development: Metalworking equipment, nos. 202-204; JPRS 37868, 37953, 38075.
- 16390-73 USSR international economic relations, nos. 69-73; JPRS 37578, 37625, 37773, 37779, 38059.
- 16390-74 USSR medical industry, nos. 6-7, 1966; JPRS 37956, 37991.
- 16390-75 USSR scientific abstracts: Bio-medical science, no. 24; JPRS 37810.
- 16390-76 USSR scientific abstracts: Cybernetics, computers, and automation technology, nos. 24-25; JPRS 37757, 37992.
- 16390-77 USSR scientific abstracts: Electronics and electrical engineering, nos. 46-48; JPRS 37564, 37811, 38044.
- 16390-78 USSR scientific abstracts: Engineering and equipment, no. 27; JPRS 37655.
- 16390-79 USSR scientific abstracts: Materials science and metallurgy, nos. 10-12; JPRS 37603, 37758, 37871.
- 16390-80 USSR scientific abstracts: Physics and mathematics, nos. 75-77; JPRS 37751, 37872, 38006.
- 16390-81 Vestnik of the USSR Academy of Medical Sciences, v. 21, no. 6; JPRS 37778.
- 16390-82 Vestnik of USSR Academy of Sciences, v. 36, nos. 5-6; JPRS 37574, 37851.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

JPRS (series).

Y 3.J 66: 13/(nos.)

- 16391 37567. Report on laboratories of All-Union Scientific-Research Institute of Railway Hygiene, USSR; by A. Khromchenko. Sept. 13, 1966. [2] p.+5 leaves, 4° [From Meditsinskaya gazeta, Aug. 5, 1966.] Φ Paper, \$1.00 (TT: 66-33995).
- 16392 37568. Promoting atheism among children, USSR; by N. Chernous. Sept. 13, 1966. [2]+7 p. 4° [From Sovetskaya moldaviya, Aug. 5, 1966.] Φ Paper, \$1.00 (TT: 66-33996).
- 16393 37569. Soviet progress in instrument building and control systems; by K. Rudnev. Sept. 13, 1966. [2]+7 p. 4° [From Nauchno Tekhnicheskoye Obshchestvo SSR, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-33997).
- 16394 37570. Role of student science societies in USSR; by V. Revinov. Sept. 13, 1966. [2] p.+5 leaves, 4° [From Krasnoye znaniye, June 23, 1966.] Φ Paper, \$1.00 (TT: 66-33998).
- 16395 37571. Disagreement among scientists at Krivoy Rog Mining Institute; by A. Nizhegorodov. Sept. 13, 1966. [2] p.+3 leaves, 4° [From Pravda, July 15, 1966.] Φ Paper, \$1.00 (TT: 66-33999).
- 16396 37590. Trace elements in experimental and clinical medicine, USSR [excerpts]; by Georgiy Avksent'yevich Babenko. Sept. 14, 1966. [2]+a+20 p. il. 4° Φ Paper, \$1.00 (TT: 66-34018).
- 16397 37591. Historical science and sociological research, USSR [with bibliography]; by A. M. Gayevskiy, et al. Sept. 14, 1966. [2]+20 p. 4° [From Ukrayins'kyy istorychnyy zhurnal, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34019).
- 16398 37592. Translations from Tu-jiang Chuan-pao (Technical journal of soils) no. 33, July 1958, Communist China. Sept. 14, 1966. [2]+a+28 p. il. 4° Φ Paper, \$2.00 (TT: 66-34020).
- 16399 37593. Soviet development in automated production control systems, USSR. Sept. 14, 1966. [2]+12 p. 4° [From Radyanska Ukrayina, June 9, 1966.] Φ Paper, \$1.00 (TT: 66-34021).
- 16400 37594. Telegraph communications in railroad transportation, USSR; by D. G. Lishunin. Sept. 14, 1966. [2]+8 p. il. 4° [From Avtomatika, telemechanika i svyaz, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34022).
- 16401 37627. Experimental and practical applications of cybernetic systems, USSR [with bibliographies]. Sept. 15, 1966. [2]+a+26 p. il. 4° [From Avtomatyka, v. 10, no. 3, 1966.] Φ Paper, \$2.00 (TT: 66-34055).
- 16402 37628. Translations from Ti-li hsueh-pao (Acta geographica sinica), no. 1, 1966, Communist China. Sept. 15, 1966. [2]+a+132 p. il. 4° Φ Paper, \$4.00 (TT: 66-34056).
- 16403 37629. Retention of radioactive dust by greenery [with bibliography]; by P. N. Yagovoy, et al. Sept. 15, 1966. [2]+6 p. 4° [From Gigiyena i sanitariya, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34057).
- 16404 37630. Studies of social readjustment of mental patients [with bibliographies]. Sept. 15, 1966. [2]+a+35 p. 4° [From Sotsial'naya adaptatsiya psikhicheskii bol'nykh, 1965.] Φ Paper, \$2.00 (TT: 66-34058).
- 16405 37646. Ukrainian Scientific Research Institute of Special Steels, Alloys, and Ferroalloys: Study in poor research management; by A. Konovalenko. Sept. 15, 1966. [2] p.+4 leaves, 4° [From Trud, July 14, 1966.] Φ Paper, \$1.00 (TT: 66-34074).
- 16406 37647. Determination of cholinesterase activity, USSR [articles, with bibliography]. Sept. 15, 1966. [2]+a+5 p. 4° [From Laboratornoye delo, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34075).
- 16407 37649. Determination of extinction coefficient in scattering media [with bibliography]; by A. P. Ivanov et al. Sept. 15, 1966. [2]+11 p. il. 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34077).
- 16408 37650. Measurements of brightness of earth as planet within water vapor absorption ψ -band and transparency window at 1.25 ψ [with bibliography]; by V. I. Kushpil', et al. Sept. 15, 1966. [2]+9 p. il. 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34078).
- 16409 37651. Meteorological observations from manned spacecraft [with bibliography]; by K. Ya. Kondrat'yev. Sept. 15, 1966. [2]+24 p. il. 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34079).
- 16410 37652. Determination of particle spectrum by transparency method for large particle concentration [with bibliography]; by K. S. Shifrin et al. Sept. 15, 1966. [2]+6 p. il. 4° [From Fiziki atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34080).
- 16411 37653. Thermal radiation sounding of water surface layer from radiation of heat [with bibliography]; by Yu. M. Timofeyev. Sept. 15, 1966. [2] p.+5 leaves, 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34081).
- 16412 37660. Doppler radar measurements of turbulence in precipitations [with bibliography]; by Yu. V. Mel'nichuk. Sept. 16, 1966. [2]+12 p. il. 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34088).
- 16413 37661. Investigation of wind-wave angular spectrum [with bibliography]; by U. M. Krylov, et al. Sept. 16, 1966. [2]+15 p. il. 4° [From Fizika atmosfery i okeana, v. 2, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34089).
- 16414 37662. Activities of Soviet educational and scientific organizations [articles]. Sept. 16, 1966. [2]+a+17 p. 4° Φ Paper, \$1.00 (TT: 66-34090).

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 16415 37663. Mercurated phosphonium and arsonium salts [with bibliography]; by N. A. Nesmeyanov et al. Sept. 16, 1966. [2]+9 p. 4° [From Zhurnal organicheskoy khimii, v. 2, no. 6, 1966.] Φ Paper, (TT: 66-34091).
- 16416 37682. Soviet review of agrarian reforms and agricultural development in United Arab Republic; by I. P. Ivanova. Sept. 19, 1966. [2]+17 p. il. 4° [From Narody Azii i Afriki, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34110).
- 16417 37683. Results of 3d all-Union conference of oncologists of USSR. Sept. 19, 1966. [2]+10 p. 4° [From Voprosy onkologii, v. 7, no. 5, 1966.] Φ Paper, \$1.00 (TT: 66-34111).
- 16418 37684. Use of insecticides in medical practice, USSR [excerpts]. Sept. 19, 1966. [2]+a+17 p. il. 4° Φ Paper, \$1.00 (TT: 66-34112).
- 16419 37685. 1966 annual meeting of Academy of Sciences, Belorussian SSR. Sept. 19, 1966. [2]+13 p. 4° [From Vestsi Akademii Navuk BSSR, no. 2, 1966.] Φ Paper, \$1.00 (TT: 66-34113).
- 16420 37686. Soviet educator urges better utilization of university laboratories; by K. Kolesnikov. Sept. 19, 1966. [2] p.+5 leaves, 4° [From Izvestiya, July 7, 1966.] Φ Paper, \$1.00 (TT: 66-34114).
- 16421 37687. Nitrous exchange in brain of rats during action of pulse accelerations, USSR; by Z. S. Gershenovich, et al. Sept. 19, 1966. [2] p.+2 leaves 4° [From Voprosy meditsinskoy khimii, v. 12, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34115).
- 16422 37688. Electrolyte content in biological fluids in hypoxia and function of cochlea, USSR [with list of references]; by G. M. Komarovich et al. Sept. 19, 1966. [2] p.+4 leaves, il. 4° [From Doklady Akademii Nauk SSSR v. 166, no. 6, 1966.] Φ Paper, \$1.00, (TT: 66-34116).
- 16423 37689. Variability of Bacillus anthracis in natural conditions, USSR; by I. N. Presnov. Sept. 19, 1966. [2]+11 p. il. 4° [From Veterinariya, v. 43, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-34117).
- 16424 37690. Production of honeycomb structures from stainless steels and titanium alloys, USSR [with bibliography]; by V. Ye Bersudskiy et al. Sept. 19, 1966. [2]+a+28 p. il. 4° [From Proizvodstve sotovyykh konstruktsey, 1966.] Φ Paper, \$2.00, (TT: 66-34118).
- 16425 37700. Vietnamese-English dictionary. Sept. 19, 1966. Φ Paper, \$18.00 per set of 2 vols. (TT: 66-34129).
v. 1. (A-L). cover title, a-j+1-751 p. 4° [Text on p. 2 of cover.]
v. 2. (M-Y). cover title, [1]+752-1476 p. 4° [Text on p. 2 of cover. Errata, dated Oct. 10, 1966, [2]+1159-1160 p. issued also.]
- 16426 37701. Lithium corrosion of metals, USSR [articles, with bibliographies]. Sept. 19, 1966. [2]+a+41 p. il. 4° [From Metallurgiya i metallovedeniya chistykh metallov, no. 5, 1966.] Φ Paper, \$2.00 (TT: 66-34130).
- 16427 37702. Advances in hematology and blood transfusion, USSR [articles, with lists of references]. Sept. 19, 1966. [2]+a+23 p. il. 4° [From Problemy gematologii i perelivaniya krovi, v. 11, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-34131).
- 16428 37703. Soviet conferences on materials engineering [articles]. Sept. 19, 1966. [2]+a-b+44 p. 4° Φ Paper, \$2.00 (TT: 66-34132).
- 16429 37704. Oblique impact of solid body on soil, USSR [with bibliography]; by L. Ya. Lyubin, et al. Sept. 19, 1966. [2]+18 p. il. 4° [From Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 1, Jan.-Feb. 1966.] Φ Paper, \$1.00 (TT: 66-34133).
- 16430 37705. Discussion of Soviet oceanological research laws; by V. P. Zaytsev. Sept. 19, 1966. [2] p.+3 leaves, 4° [From Sovetskaya Rossiya, no. 169, July 23, 1966.] Φ Paper, \$1.00 (TT: 66-34134).
- 16431 37706. Unified scientific research program, Eastern Europe. Sept. 19, 1966. [2]+10 p. 4° [From Viata economica, v. 4, no. 29, July 22, 1966.] Φ Paper, \$1.00 (TT: 66-34135).
- 16432 37707. Recent activities of Soviet scientists [articles]. Sept. 19, 1966. [2]+a+7 p. 4° Φ Paper, \$1.00 (TT: 66-34136).
- 16433 37708. Linear exchange model, USSR [with bibliography]; by I. G. Globenko. Sept. 19, 1966. [2]+6 p. 4° [From Doklady Akademii Nauk SSSR, v. 169, no. 2, 1966.] Φ Paper, \$1.00 (TT: 66-34137).
- 16434 37709. New solar-energy device for use in testing refractory materials, USSR [with bibliography]; by V. S. Dvernyakov, et al. Sept. 19, 1966. [2]+8 p. il. 4° [From Dovidy Akademii Nauk Ukrayins'koyi RSR, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34138).
- 16435 37715. Czechoslovakia and space research; by Karel Paener. Sept. 19, 1966. [2]+9 p. 4° [From Student, no. 31-34, Aug. 9, 1966.] Φ Paper, \$1.00 (TT: 66-34143).
- 16436 37716. Cybernetics and integrative activity of brain, USSR; by P. K. Anokhin. Sept. 19, 1966. [2]+30 p. il. 4° [From Voprosy psikhologii, no. 3, 1966.] Φ Paper, \$2.00 (TT: 66-34144).
- 16437 37743. 2d conference on use of physical methods to study complex compounds; by A. V. Ablov, et al. Sept. 21, 1966. [2]+12 p. 4°. [From Zhurnal neorganicheskoy khimii, v. 11, no. 8, Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34171).
- 16438 37744. Methods and applications of fiber glass production, USSR; by V. A. Shevchenko, et al. Sept. 21, 1966. [2]+a+13 p. il. 4° [From Sloistyie plastiki, 1964.] Φ Paper, \$1.00 (TT: 66-34172).
- 16439 37745. General circulation of water masses, USSR; by A. K. Leonov. Sept. 21, 1966. [2]+13 p. il. 4° [From Regional'naya okeanografiya, pt. 1, 1960.] Φ Paper, \$1.00 (TT: 66-34173).

***For Sale by Superintendent of Documents**

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 16440 37746. Soviet electron-beam technology [articles, with bibliographies]. Sept. 21, 1966. [2]+a+13 p. il. 4° Φ Paper, \$1.00 (TT: 66-34174).
- 16441 37747. Soviet scientific research plagued by organizational problems; by S. I. Kuznetsov, et al. Sept. 21, 1966. [2] p.+4 leaves, 4° [From Pravda, July 2, 1966.] Φ Paper, \$1.00 (TT: 66-34175).
- 16442 37763. Statistical hydromechanics, USSR [with bibliography]; by A. S. Monin, et al. Sept. 22, 1966. [2]+a-d+1-133a, 134-605 p. il. 4° Φ Paper, \$9.00 (TT: 66-34191).
- 16443 37797. Present and future development of hematogenic service in USSR; by G. F. Papko, et al. Sept. 23, 1966. [2]+8 p. 4° [From Problemy gematologii i perelevaniya krova, v. 11, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-34225).
- 16444 37798. Determination of dependence of absorption coefficient of longitudinal seismic waves propagating in earth's mantle on frequency [with bibliography]; by I. P. Pasechnik. Sept. 23, 1966. [2]+8 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 166, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34226).
- 16445 37799. Soviet research in Antarctica in decade 1956-66; by Ye. S. Korotkevich. Sept. 23, 1966. [2]+20 p. il. 4° [From Informatsionnyy byulleten' Sovetskoy Antarkicheskoy Ekspeditsii, no. 57, 1965.] Φ Paper, \$1.00 (TT: 66-34227).
- 16446 37800. Earth's crust and upper mantle of continents, USSR [with bibliography]; by V. V. Belousov. Sept. 23, 1966. [2]+a+169 p. il. 4° Φ Paper, \$5.00 (TT: 66-34228).
- 16447 37801. General meeting of Academy of Sciences, USSR. Sept. 23, 1966. [2]+a+8 p. 4° Φ Paper, \$1.00 (TT: 66-34229).
- 16448 37802. Attempt to classify non-projective structures (preliminary study of studies devoted to constructing English machine-grammar [with bibliography]; by N. Ye. Kareva. Sept. 23, 1966. [2]+9 p. 4° [From Nauchno-tekhnicheskaya informatsiya, no. 10, 1965.] Φ Paper, \$1.00 (TT: 66-34230).
- 16449 37803. Cybernetic predicting devices, USSR [with bibliography]; by A. G. Ivakhnenko, et al. Sept. 23, 1966. [2]+a-d+256 p. il. 4° Φ Paper, \$6.00 (TT: 66-34231).
- 16450 37804. Story of Kurchatov; [by Igor' Golovin]. Sept. 23, 1966. [2]+a+32 p. 4° [From Sovetskaya Rossiya, Aug. 3-16, 1966.] Φ Paper, \$2.00 (TT: 66-34232).
- 16451 37805. News of Soviet biological science. Sept. 23, 1966. [2]+a+20 p. il. 4° [From Rastitel'nyye resury, v. 2, no. 1, 1966.] Φ Paper, \$1.00 (TT: 66-34233).
- 16452 37806. Discussion of article Cadres of great science by M. A. Lavrent'yev; by A. Galkin. Sept. 23, 1966. [2] p.+4 leaves, 4° [From Izvestiya, Aug. 10, 1966.] Φ Paper, \$1.00 (TT: 66-34234).
- 16453 37821. Astronomical determinations, USSR [excerpt]; by Z. N. Chumachenko. Sept. 26, 1966. [2]+17 p. 4° [From Instruksiya o postroyenii gosudarstvennoy geodezicheskoy seti SSSR, 1966.] Φ Paper, \$1.00 (TT: 66-34249).
- 16454 37822. Contracts and taxes under new system of planning and economic management, Bulgaria. Sept. 26, 1966. [2]+a-b+103 p. 4° Φ Paper, \$4.00 (TT: 66-34250).
- 16455 37823. Symposium on geomorphology and economic geography held by Geographical Society of China, Communist China. Sept. 26, 1966. [2]+17 p. 4° [From Ti-li Hsueh-pao, v. 31, no. 2, June 19, 1965.] Φ Paper, \$1.00 (TT: 66-34251).
- 16456 37824. ISKRA-Z-23 V electronic computing machine. Yugoslavia; by Miodrag Staparski. Sept. 26, 1966. [2]+21 p. il. 4° [From Elektro-technicki vesnik, no. 3-5, 1965-66.] Φ Paper, \$1.00 (TT: 66-34252).
- 16457 37825. Means of raising efficiency of scientists, USSR; by L. Levina. Sept. 23, 1966. [2]+10 p. il. 4° [From Ekonomicheskaya gazeta, no. 35, Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34253).
- 16458 37826. New academic city in Siberia is focus of advanced research in Soviet Union; by Jean Cantacuzene. Sept. 26, 1966. [2]+10 p. 4° [From Le Monde, May 8-9, 1966.] Φ Paper, \$1.00 (TT: 66-34254).
- 16459 37827. All-Union congress of physiotherapists and health-resort scientists in Baku; by G. A. Nevrayev, et al. Sept. 26, 1966. [2] p.+4 leaves, 4° [From Voprosy kurortologii, fizioterapii, i lechebnoy fizicheskoy kul'tury, no. 1, 1966.] Φ Paper, \$1.00 (TT: 66-34255).
- 16460 37828. Evaluation of comprehensive study of Chinese Communist science and technology; by Kusano Fumiko. Sept. 26, 1966. [2]+a-b+76 p. 4° Φ Paper, \$3.00 (TT: 66-34256).
- 16461 37845. Aluminum alloy research in USSR [articles, with bibliographies]; by I. N. Fridlyander. Sept. 27, 1966. [2]+a-c+430 p. il. 4° Φ Paper, \$7.30 (TT: 66-34273).
- 16462 37855. Atmospheric turbulence research, USSR [articles, with bibliographies]. Sept. 27, 1966. [2]+a+54 p. il. 4° [From Fizika atmosfery i okeana, v. 1, no. 11, 1965.] Φ Paper, \$3.00 (TT: 66-34283).
- 16463 37856. Heating of bilayer sheet in welding with laser beam, USSR [with list of references]; by N. N. Rykalin, et al. Sept. 27, 1966. [2]+6 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 169, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34284).
- 16464 37857. Raising level of social science research, USSR; by G. Dobrov. Sept. 27, 1966. [2]+20 p. 4° [From Kommunist Ukrainy, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-34285).

GOVERNMENT PUBLICATIONS

JPRS (series)—Continued

- 16465 37858. Proceedings of General Assembly of Bulgarian Academy of Sciences, Jan. 28 and 29, 1966. Sept. 27, 1966. [2]+44 p. 4° [From Spisanie na Bulgarskata Akademiya na Naukite, no. 1, June 1966.] Φ Paper, \$2.00 (TT: 66-34286).
- 16466 37887. Technical cybernetics, USSR; no. 3 [with bibliographies]. Sept. 28, 1966. [2]+a-c+292 p. il. 4° Φ Paper, \$6.00 (TT: 66-34315).
- 16467 37892. Translations from Tu-jang Chuan-pao (Technical Journal of Soils), no. 29, Sept. 1956, Communist China. Sept. 29, 1966. [2]+a+126 p. il. 4° Φ Paper, \$4.00 (TT: 66-34320).
- 16468 37893. New guidelines for scientific research in Rumania; by Mircea Biji. Sept. 29, 1966. [2] p.+4 leaves, 4° [From Romania libera, v. 24, no. 6795, Aug. 21, 1966.] Φ Paper, \$1.00 (TT: 66-34321).
- 16469 37894. Studies in medical organization and administration, USSR [articles]. Sept. 29, 1966. [2]+a+9 p. 4° Φ Paper, \$1.00 (TT: 66-34322).
- 16470 37895. Measures for improving training of specialists and perfecting leadership in higher and secondary specialized education, USSR. Sept. 29, 1966. [2]+6 p. 4° [From Pravda, Sept. 9, 1966.] Φ Paper, \$1.00 (TT: 66-34323).
- 16471 37896. Brightness profile of day horizon of planet earth, USSR [with list of references]; by G. V. Rozenberg et al. Sept. 29, 1966. [2]+13 p. il. 4° [From Izvestiya Akademii Nauk SSSR, fizika atmosfery i okeana, v. 1, no. 12, Dec. 1965.] Φ Paper, \$1.00 (TT: 66-34324).
- 16472 37897. Man and automatic machines, USSR; by V. Pelipeyko. Sept. 29, 1966. [2]+8 p. il. 4° [From Nauki i tekhnika, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-34325).
- 16473 37898. Flourine and its compounds as rocket fuel oxidizers, USSR [with bibliography]. Sept. 29, 1966. [2]+24 p. 4° [From Voprosy raketnoy tekhniki, no. 7, 1965.] Φ Paper, \$1.00 (TT: 66-34326).
- 16474 37899. Machine penetrates into secrets of brain, USSR [with bibliography]; by E. T. Holovan', et al. Sept. 29, 1966. [2]+a+80 p. il. 4° Φ Paper, \$3.00 (TT: 66-34327).
- 16475 37900. Simulation in biology and medicine, USSR [with lists of references]; by S. L. Alejev, et al. Sept. 29, 1966. [2]+a-b+159 p. il. 4° Φ Paper, \$5.00 (TT: 66-34328).
- 16476 37911. Electrovacuum materials, assortment and use, USSR [with bibliography]; by M. A. Lebedinsky. Sept. 29, 1966. [2]+a-b+35 p. 4° [From Elektrovakuumnyye materialy, metall i splavy, 1966.] Φ Paper, \$2.00 (TT: 66-34339).
- 16477 37912. Electric-pulse machining of metals and alloys, USSR [excerpts, with bibliography]; by M. A. Lyapunov, et al. Sept. 29, 1966. [2]+a-b+33 p. il. 4° [Sequel to JPRS 37118, Aug. 19, 1966.] Φ Paper, \$2.00 (TT: 66-34340).
- 16478 37913. Methods of determining effectiveness of foreign trade, USSR; by K. Popov. Sept. 29, 1966. [2]+12 p. 4° [From Vneshnyaya trgovlya, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34341).
- 16479 37923. Theory of development of higher mental functions in Soviet psychology; by A. R. Luriya. Sept. 29, 1966. [2]+10 p. 4° [From Voprosy filosofii, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34351).
- 16380 37924. Shortcomings in plan for job placement of specialists, USSR; by E. Maksimova. Sept. 29, 1966. [2]+8 p. 4° [From Izvestiya, Aug. 24, 1966.] Φ Paper, \$1.00 (TT: 66-34352).
- 16481 37925. Directive of Hungarian Academy of Sciences on academic awards and academic degrees; by Istvan Rusznyak. Sept. 29, 1966. [2]+60 p. 4° [From Akademiai Kozlony, v. 15, no. 9, July 22, 1966.] Φ Paper, \$3.00 (TT: 66-34353).
- 16482 37926. Experience in working with radio rangefinders in Antarctica, USSR; by Yu G. Bugayev. Sept. 29, 1966. [2]+6 p. il. 4° [From Geodeziya i kartografiya, no. 4, Apr. 1966.] Φ Paper, \$1.00 (TT: 66-34354).
- 16483 37927. Data processing equipment. Sept. 29, 1966. [2]+6 p. 4° [From Die technik, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34355).
- 16484 37930. Comments on Tu-144 supersonic aircraft, USSR; by A. N. Tupolev. Sept. 29, 1966. [2]+6 p. 4° [From Skrzydlata polska, no. 33, Aug. 14, 1966.] Φ Paper, \$1.00 (TT: 66-34358).
- 16485 37933. Soviet facilities and equipment developed for mine-surveying at Soviet institute; by D. N. Ogloblin. Sept. 30, 1966. [2] p.+4 leaves, 4° [From Vestnik vysshey shkoly, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34360).
- 16486 37935. Fish as source of human poisoning, USSR; by E. M. Lyayman. Sept. 30, 1966. [2]+9 p. 4° [From Kurs bolezney ryb, 3d edition, 1966.] Φ Paper, \$1.00 (TT: 66-34362).
- 16487 37936. Condition, problems, and plans of Hungarian geodesy and cartography; by Zoltan Antos. Sept. 30, 1966. [2]+10 p. 4° [From Geodezia es kartografia, v. 18, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-34363).
- 16488 37937. Use of electronic computers in planning, USSR; by D. R. Prokhorov. Sept. 30, 1966. [2] p.+5 leaves, 4° [From Byulleten' stroitel' noy tekhniki, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34364).
- 16489 37938. Joint Russian-Cuban oceanographic studies, USSR; by N. P. Bolgarov. Sept. 30, 1966. [2] p.+5 leaves 4° [From Priroda, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34365).
- 16490 37939. General Assembly of Hungarian Micro-biological Society. Sept. 30, 1966. [2]+8 p. 4° [From Orvosi hetilap, no. 35, Aug. 28, 1966.] Φ Paper, \$1.00 (TT: 66-34366).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16491 37955. Scientific basis of Party's policy, USSR; by F. Burlatskiy. Oct. 3, 1966. [2]+6 p. 4° [From Zarya vostoka, Sept. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34382).
- 16492 37980. Internal friction in metals and alloys, USSR [articles, with lists of references]. Oct. 4, 1966. [2]+a+23 p. il. 4° [From Vnutrenneye treniye v metallakh i splavakh, 1966.] Φ Paper, \$1.00 (TT: 66-34407).
- 16493 37981. Ivanovo Medical Institute to publicize medical innovations, USSR; by V. Kulemin. Oct. 4, 1966. [2] p.+2 leaves, 4° [From Meditsinskaya gazeta, July 5, 1966.] Φ Paper, \$1.00 (TT: 66-34408).
- 16494 37982. Ti-chih lun-p-ing (Geological review) v. 18, no. 3, 1958, Communist China. Oct. 4, 1966. [2]+140 p. il. 4° Φ Paper, \$4.00 (TT: 66-34409).
- 16495 37983. Region types of Alashan Desert in Inner Mongolia [with bibliography]; by T'an Chienan. Oct. 4, 1966. [2]+56 p. il. 4° [From Ti-li Chi-k'an, no. 8, Aug. 1964.] Φ Paper, \$3.00 (TT: 66-34410).
- 16496 37984. Characteristics and origin of delayed reactions in dogs, USSR [with bibliography]; by I. S. Beritashvili, et al. Oct. 4, 1966. [2]+18 p. il. 4° [From Trudy Instituta Fiziologii Akamedii Nauk Gruzinskoy SSR, v. 14, 1965.] Φ Paper, \$1.00 (TT: 66-34411).
- 16497 37985. Color of the voice, USSR; by V. Morozov. Oct. 4, 1966. [2]+18 p. il. 4° [From Nauka i zhizn', no. 2, Feb. 1966.] Φ Paper, \$1.00 (TT: 66-34412).
- 16498 37986. New laboratory for electric machines in electrical engineering faculty in Belgrade, Yugoslavia; by Miodrag Borovac. Oct. 4, 1966. [2]+14 p. il. 4° [From Tehnika, no. 8, Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34413).
- 16499 37987. Establishment of labor safety in Nis, Yugoslavia. Oct. 4, 1966. [2]+9 p. 4° [From Tehnika, no. 8, Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34414).
- 16500 37988. Soviet survey of history of Iraq; by S. Pegov, et al. Oct. 4, 1966. [2]+a-b+99 p. il. 4° Φ Paper, \$4.00 (TT: 66-34415).
- 16501 38037. Optimum pulse filters and signal accumulators, USSR [with bibliography]; by Yu. S. Lezin. Oct. 6, 1966. [2]+a-e+250 p. il. 4° Φ Paper, \$6.00 (TT: 66-34464).
- 16502 38038. Radio industry products, analog computation equipment, v. 4, USSR; by G. M. Petrov. Oct. 6, 1966. [2]+a-c+112 p. il. 4° Φ Paper, \$4.00 (TT: 66-34465).
- 16503 38039. Soviet conference on industrial drying processes; by V. L. Shevel'kov. Oct. 6, 1966. [2]+12 p. 4° [From Inzhenerno-fizicheskii zhurnal, v. 10, no. 5, May 1966.] Φ Paper, \$1.00 (TT: 66-34466).
- 16504 38065. Conference on programmed instruction held in Soviet Union; by T. Samokhvalova. Oct. 7, 1966. [2]+a+34 p. 4° [From Vestnik vysshey shkoly, no. 7, 1966.] Φ Paper, \$2.00 (TT: 66-34492).
- 16505 38066. Identification of individuals through photographs, USSR [with bibliography]; by P. P. Tsvetkov, et al. Oct. 7, 1966. [2]+a+37 p. il. 4° Φ Paper, \$1.00 (TT: 66-34493).
- 16506 38067. Change of mechanical properties of certain steels due to action of hydrogen at high temperatures and pressures, USSR [with bibliography]; by L. A. Glikman, et al. Oct. 7, 1966. [2]+23 p. il. 4° [From Metallovedeniye, no. 3, 1959.] Φ Paper, \$1.00 (TT: 66-34494).
- 16507 38086. Improving Bulgarian training program for computer equipment; by Mincho Tsonev. Oct. 11, 1966. [2] p.+5 leaves, 4° Φ Paper, \$1.00 (TT: 66-34513).
- 16508 38087. Cybernetics and criminal law, USSR [articles with bibliographies]. Oct. 11, 1966. [2]+a+68 p. il. 4° [From Avtomatika i vychislitel'naya tekhnika, 1965.] Φ Paper, \$3.00 (TT: 66-34514).
- 16509 38088. Present-day Catholic social doctrine vis-a-vis working class, USSR; by N. Koval'skiy. Oct. 11, 1966. [2]+7 p. 4° [From Politicheskoye samoobrazovaniye, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-34515).
- 16510 38089. 7th International Conference on Phenomena in Ionized Gases (Aug. 22-27, 1965, Belgrade, Yugoslavia); by I. R. Gekker, et al. Oct. 11, 1966. [2]+19 p. 4° [From Uspekhi fizicheskikh nauk, v. 89, no. 2, June 1966.] Φ Paper, \$1.00 (TT: 66-34516).

LABOR DEPARTMENT Washington, D.C. 20210

- 16511 Address by Assistant Secretary George L-P Weaver before International Union of Electrical, Radio and Machine Workers, AFL-CIO Convention, Miami, Fla., Sept. 6, 1966. 10 leaves, 4° (USDL-7377; [ILAB-67-219].) † L1.13: W 37/19
- 16512 Address by Assistant Secretary of Labor George L-P Weaver, centennial celebration, Wesley A.M.E. Zion Church, Akron, Ohio, Oct. 14, 1966. [1966.] 11 leaves, 4° † L1.13: W 37/20
- 16513 Guidelines for research grants under Manpower development and training act of 1962 as amended. [1966.] 7+6 leaves, 4° (Manpower Administration, Office of Manpower Policy, Evaluation, and Research; DL-MT-242, Budget Bureau no. 44-R1296.1, approval expires Dec. 31, 1970.) † L1.7/2: M 31

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Manpower research bulletins. † ● Item 746-D L 1.3/4:(nos.)

- 16514 10. Unused manpower, Nation's loss: [prepared by Richard G. Seefer and Alexander A. Fourtune. Sept. 1966. cover title, v+25 p. il. 4° (Manpower Administration.)
L.C. card 66-62752
- 16515 11. Manpower policy and programs in 5 western European countries: France, Great Britain, Netherlands, Sweden, and West Germany [with selected bibliography: prepared by Lewis H. Earl, John H. Linton, and Philomena M. Mullady]. July 1966. cover title, viii+59 p. il. 4° (Manpower Administration.)
L.C. card 66-62753
- 16516 Neighborhood Youth Corps builds better communities through conservation. [1966.] [5] p. il. narrow 8° ([Manpower Administration.]) †
L 1.49: C 73/2

LABOR STANDARDS BUREAU, Labor Dept. Washington, D.C. 20210

Bulletins. ● Item 763 L 16.3:(nos.)

- 16517 273. Planning for safety on jobsite: [prepared by Francis L. Otto and F. A. Van Atta]. [1966.] cover title, v+35 p. (Safety in industry, construction industry series.) * Paper, 25c.
L.C. card 66-62800
- 16518 282. Report of work injuries to minors under 18 years of age, study of 18 months' experience, reported by 28 States, 1964-65: [prepared by staff of Branch of Youth Standards in Division of State Services and Standards]. [1966.] v+25 p. il. †
L.C. card 66-62695
- 16519 Challenge to supervisors, making young workers safe workers. [1966.] [2]+12+[1] p. il. narrow 8° * Paper, 10c. ● Item 765
L 16.2: Sa 1/27
- 16520 Maritime safety data for shipyards: Gas hazards trainer. [1966.] [1]+28 p. il. 4° (MSD LS-9; OOS 5.65.) [Page 28 left blank to be used for notes.] †
L 16.47/2: G 21/2
- 16521 — Ladders and other means of access used in shipyards. [1966.] 16 p. il. 4° (MSD LS-20; OOS 3.66.) [Page 16 left blank to be used for notes.] †
L 16.47/2: L 11
- 16522 — Shipyards fire and explosion hazards. [1966.] 4 p. 4° (MSD LS-36; OOS 8.65.) †
L 16.47/2: F 51
- 16523 — Temporary lights for flammable atmospheres and for general use. [June 1964.] 13 p. il. 4° †
L 16.47/2: F 61/2
- 16524 — Temporary, portable, shipboard ventilation for control of flammable atmospheres in ship repairing, shipbuilding, and shipbreaking. [Jan. 1965.] 11 p. il. 4° ([LS-358.]) [Pages 10 and 11 left blank to be used for notes.] †
L 16.47/2: F 61/3
- 16525 — Wheatstone bridge type of combustible gas indicator. [Oct. 1964.] 19 p. il. 4° ([LS-277.]) †
L 16.47/2: G 21/3
- 16526 Safety and health regulations for longshoring. June 1966. cover title, 40 p. [Amendments to these regulations published in Federal register through May 21, 1966 are included in this pamphlet.] † ● Item 766-D
L 16.6: sa 1/2/966

LABOR STATISTICS BUREAU, Labor Dept. Washington, D.C. 20210

BLS reports. L 2.71:(nos.)

- 16527 297. Labor law and practice in Kingdom of Libya [with selected bibliography; prepared by Michael B. Zuzik]. [Jan. 1966.] cover title, iv+50 p. il. 4° * Paper, 35c. ● Item 768-C
L.C. card 66-62625
- 16528 311. Labor developments in U.S.S.R. [with bibliography; by Edmund Nash]. [Sept. 1966.] cover title, i+45 p. 4° ([Division of Foreign Labor Conditions.]) †
L.C. card 66-62757

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

Bulletins. ● Item 768

L 2.3:(nos.)

- 16529 1465-73. Area wage survey: Portland, Oreg.-Wash., metropolitan area, May 1966. July 1966. iii+32 p. oblong 8° * Paper, 25c.
L.C. card L 66-161
- 16530 1465-76. Same: Patterson-Clifton-Passaic, N.J., metropolitan area, May 1966. July 1966. iii+31 p. oblong 8°. * Paper, 25c.
L.C. card L 66-151
- 16531 1465-78. Same: San Antonio, Tex., metropolitan area, June 1966. July 1966. iii+19 p. oblong 8° * Paper, 20c.
L.C. card L 66-152
- 16532 1465-84. Same: Midland and Odessa, Tex., metropolitan area, June 1966. Aug. 1966. iii+24 p. oblong 8° * Paper, 25c.
L.C. card L 66-157
- 16533 1465-85. Same: Houston, Tex., metropolitan area, June 1966. Aug. 1966. iv+38 p. oblong 8° * Paper, 30c.
L.C. card 66-62759
- 16534 1490. Labor and material requirements for sewer works construction: [prepared by Roland V. Murray]. [1966.] v+31 p. il. 4° * Paper, 30c.
L.C. card 66-62756
- 16535 1494. Wage chronology: Anthracite mining industry, 1930-66. Apr. 1966. iv+16 p. 4° * Paper, 20c.
L.C. card L 64-74 rev.
- 16536 1514. Productivity, bibliography; [prepared by Laura H. Spatz, assisted by Elmer S. Persigehl]. July 1966. iii+129 p. 4° * Paper, 65c.
L.C. card 66-62758
- 16537 1520. Industry wage survey: Candy and other confectionery products, Sept. 1965 [with list of industry wage studies; prepared by Charles E. Scott, jr.]. Aug. 1966. v+36+[2] p. 4° * Paper, 30c.
L.C. card 66-62754
- 16538 Bureau of Labor Statistics, catalog of publications, periodicals, bulletins, reports & releases, Jan.-June 1966. [1966.] cover title, i+35 p. 4° [Text and map on p 2 and 3 of cover.] † ● Item 768-E
L.C. card L 48-22 L 2.34: 966/1
- 16539 Employee earnings and hours in selected small metropolitan areas of South. June 1966, summary release. Apr. 1966. 6 p. 4° † L 2.2: Ea 7/10
- 16540 Government services, urgent need for talent. [1966.] 4 p. il. 4° [Reprint from Occupational outlook quarterly, v. 10, no. 3, Sept. 1966.] * Paper, 5c. L 2.70/4a: G 746/2
- 16541 Occupational earnings and wage trends in metropolitan areas, 1965-66, summary release no. 3 of 3 (28 areas). Sept. 1966. 10 p. 4° † L 2.86: 965-66/no. 3
- 16542 Your job as repairman or mechanic. [1966.] [8] p. il. narrow 8° [Prepared in cooperation with Education Office, Health, Education, and Welfare Dept. Includes list of reprints from 1966-67 Occupational outlook handbook.] † L 2.2: R 29/3/966

LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, Mich. 48226

- 16543 Supplement 6, Oct. 1966, corrections and additions to 1966 Great Lakes pilot. [1966.] [1]+11 leaves. [Bearings are true and distances are expressed in statute miles. Supplement information given upon charts published by Lake Survey.] † U.S. Army Engineer District, Lake Survey, 630 Federal Bldg., Detroit, Mich. 48226
L.C. card 6-7112 D 103.203: 966/supp. 6

LIBRARY OF CONGRESS Washington, D.C. 20540

- 16544 Directory of information resources in United States: Water. Sept. 1966. v+248 p. 4° (National Referral Center for Science and Technology.) * Paper, \$1.50. ● Item 787-A
L.C. card 66-61638 LC 1.31: D 62/3
- 16545 Library of Congress catalog, music and phonorecords, cumulative list of works represented by Library of Congress printed cards, Jan.-June 1966. 1966. v+317 p. 4° † Paper, \$4.50 (semiannual issue and annual cumulations), Card Division.
L.C. card 53-60012 LC 30.8/6: 966

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 16546 Popular names of U.S. Government reports, catalog; compiled by Donald F. Wisdom, William P. Kilroy. 1966. v+32 p. 4° (Serial Division, Reference Department.) * Paper, 30c. ● Item 818-F
L.C. card 66-61704 LC 6.2: G 74

MARINE CORPS (Navy), Defense Dept. Washington, D.C. 20350

Fleet Marine Force manual FMFM (series). ● Item 384

D 214.9/4: (nos.)

- 16547 1-2. Marine troop leaders guide. [1966.] cover title, [3]+xi+404 p. il. 16° [Supersedes NAVMC 1100-AO3, Troop leaders guide, Jan. 1955.] * Paper, \$1.75.
16548 6-4. Marine rifle company/platoon [with list of references]. [1966.] [3]+xii+596 p. il. 4° [Issued with perforations.] * Paper, \$3.00.

MARITIME ADMINISTRATION, Commerce Dept. Washington, D.C. 20548

MA SP (series).

- 16549 66-13. Unit of purpose, by James W. Gulick, Acting Maritime Administrator, Department of Commerce, statement at panel on Commercial value and necessity for merchant marine, at American Merchant Marine Conference, Washington, D.C., Oct. 4, 1966. [1966.] 8 p. 4° †
C 39.210/2: 66-13
16550 Merchant fleets of world, seagoing steam and motor ships of 1,000 gross tons and over, as of Dec. 31, 1965; [prepared by Office of Maritime Promotion]. [July 14, 1966.] 20 p. 4° ([Report MAR-560-20.]) * Paper, 15c. ● Item 236-B
L.C. card 59-61277 C 39.212: 965
16551 U.S. Merchant Marine medals and decorations. [1966.] [2] p. il. oblong 16°, folded into narrow 16° size. † ● Item 235 C 39.202: M 46

MINES BUREAU, Interior Dept. Washington, D.C. 20240

- 16552 Apparent consumption of industrial explosives and blasting agents in United States, 1965; [prepared by Gwendolyn M. Watts, Nell B. Bradley, and Nina L. Jones. [Sept. 1966.] 11 p. 4° (Mineral industry surveys: Explosives, annual.) † Mines Bureau, Pittsburgh, Pa. 15213.
I 28.112: 965
16553 Barite; by Donald E. Ellertsen. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: B 239/965
16554 Beryllium; by Donald E. Ellertsen. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a: B 463/965
16555 Chromium; by John L. Morning. [1966.] [2] leaves+11 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: C 468/2/965
16556 Columbium and tantalum; by Richard F. Stevens, jr. [1966.] [2]+16 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37a: C 723/965
16557 Graphite; by Donald E. Ellertsen. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: G 767/965
Information currents. ● Item 637-A I 28.27: (nos.)
16558 8303. Manganese occurrences in Eureka-Animas Forks area of San Juan Mountains, San Juan County, Colo.; by William E. Young. [1966.] [2]+ii+52 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
L.C. card 66-62782
16559 8309. Review of Bureau of Mines coal program, 1965; compiled by John D. Spencer. [1966.] [2]+v+96 p. il. 4° [Includes lists of references in footnotes and of other publications.] † Mines Bureau, Pittsburgh, Pa. 15213
16560 8311. Thermal-recovery project and 2 waterflood projects in Carter, Garvin, and Stephens Counties, Okla., 1966; by Kenneth H. Johnston and Kenneth R. Baskett. [1966.] [2]+ii+32 p. il. 4° [Based on work done in cooperation with Oklahoma Corporation Commission, Okla.] † Mines Bureau, Pittsburgh, Pa. 15213

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 16561 Iron and steel scrap; by Robert A. Whitman. [1966.] [2]+24 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 15c.
I 28.37/a: Ir 6/2/965
- 16562 Mercury; by George T. Engel. [1966.] [2]+10 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a: M 539/965
- 16563 Mineral industry of Mongolia; by J. M. West. [1966.] [2]+3 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c.
I 28.37/a2: M 747/965
- 16564 Mineral industry of South Korea; by J. M. West. [1966.] [2]+10 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a2: K 841/2/965
- 16565 Mineral industry of Taiwan; by Benjamin H. Lim. [1966.] [2]+10 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a2: T 139/965
- 16566 Nickel; by Harold W. Lynde, jr. [1966.] [2]+14 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a: N 532/965
- 16567 Nitrogen; by Richard W. Lewis. [1966.] [2]+13 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a: N 638/965
- 16568 Peat; by Eugene T. Sheridan. [1966.] [2]+13 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a: P 329/965
- Petroleum products survey (series). (Mineral industry surveys.)
- 16569 46. Burner fuel oils, 1966; prepared by O. C. Blade. Sept. 1966. cover title. [1]+30 p. 7 pl. 4° † Mines Bureau, Pittsburgh, Pa., 15213 ● Item 642-A
L.C. card 58-60254
I 28.18/3: 46
- 16570 Potash; by Richard W. Lewis. [1966.] [2]+15 p. il. [Reprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a: P 847/965
- Report of investigations. ● Item 637-A I 28.23: (nos.)
- 16571 6812. Photoelastic study of internally stressed circular opening in biaxial stress field [with list of references]; by M. S. Oudenhoven and G. T. Krempasky. [1966.] [2]+ii+25 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16572 6813. Crystalline titanium by sodium reduction of titanium lower chlorides dissolved in sodium chloride [with list of references]; by V. E. Homme and M. M. Wong. [1966.] [2]+ii+27 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16573 6815. Improved method for evaluating incendency of explosives to coal dust. progress report [with list of references]; by N. E. Hanna, P. A. Richardson, and R. W. Van Dolah. [1966.] [3]+13 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16574 6817. High-energy-rate extrusion of low-density tungsten powder billets; by Jack G. Croeni, John S. Howe, jr., and H. Kato. [1966.] [3]+12 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16575 6830. Selective flotation of mica from Georgia pegmatites; by James S. Browning and Ralph B. Adair. [1966.] [3]+9 p. il. 4° [Based on work done in cooperation with University of Alabama.] † Mines Bureau, Pittsburgh, Pa., 15213
- 16576 6831. Laboratory study of effect of cement and dispersant additives on hydraulic backfill [with list of references]; by Donald R. Corson. [1966.] [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16577 6832. Adsorption phenomena and reduction of iron oxides, mechanism of reduction of iron oxides with carbon monoxide; by S. E. Khalafalla, C. W. Schultz, and T. N. Rushton. [1966.] [3]+22 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16578 6833. Delineation of Texas lignite beds by statistical techniques [with list of references]; by George S. Koch, jr., and Manuel Gomez. [1966.] [2]+ii+38 p. il. 4° [Based on work done in cooperation with Texas Power & Light Company.] † Mines Bureau, Pittsburgh, Pa., 15213
- 16579 6834. Influence of repetitive electrolysis on winning molybdenum [with list of references]; by H. J. Heinen and Don H. Baker, jr. [1966.] [3]+11 p. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16580 6835. Preparation of submicron tungsten powder by hydrogen reduction of tungsten hexachloride [with list of references]; by J. E. Tress, T. T. Campbell, and F. E. Block. [1966.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16581 6836. Density and molar volumes of binary fluoride mixtures [with list of references]; by Bernard Porter and R. E. Meaker. [1966.] [3]+13 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16582 6838. Inelastic deformation of rock under hemispherical drill bit [with list of references]; by James Paone and Sathit Tandanand. [1966.] [3]+26 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Report of investigations—Continued

- 16583 6839. Influence of continuous carbonization method, temperature, and carrier gas on amounts of individual pyrolysis products from subbituminous coal [with list of references]; by Clarence Karr, jr. [and others]. [1966.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16584 6841. Recovery of additional beryllium from fluoferate leach residue [with list of references]; by R. O. Dannenberg and J. M. Maurice. [1966.] [3]+12 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16585 6842. Yield and ultimate strengths of rock bolts under combined loading [with list of references]; by Lars Osen and Edward W. Parsons. 1966.] [3]+22 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16586 6843. Presplitting rock in presence of static stress field [with list of references]; by Harry R. Nicholls and Wilbur I. Duvall. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa., 15213
- 16587 Uranium; by Charles T. Baroch. [1966.] [2] leaves+19 p. [Preprint from Minerals yearbook, 1965.] * Paper, 15c. I 28.37/a: Ur 1/965

MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1966 is the Agriculture Department member, who may be addressed as follows: State Conservationist, Soil Conservation Service, 134 South 12th Street, Lincoln, Nebr. 68508.

- 16588 Minutes of 145th meeting, Scottsbluff, Nebr., June 21–23, 1966; [prepared by Allen L. Fisk]. [1966.] cover title, [143] p. il. 4° †
L.C. card 57–33283 Y 3.M 69: 2M 66/966–3

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, D.C. 20546

NASA contractor report CR (series).

NAS 1.26:(nos.)

- 16589 522. General method for computation of cartesian coordinates and partial derivatives of two-body problem [with list of references]; by W. H. Goodyear. Sept. 1966. cover title, viil+97 p. 4° [Prepared under contract NAS 5–9762 by International Business Machines Corp., Greenbelt, Md.] Φ Paper, \$3.00.
L.C. card 66–62699
- 16590 543. Thermal integration of electric power and life support systems for manned space stations [with lists of references]; by R. W. Woods and E. P. Erlanson. Sept. 1966. cover title, xi+315 p. il. 4° [Prepared under contract NAS 3–6478 by General Electric Company, Philadelphia, Pa.] Φ Paper, \$4.25.
- 16591 544. General purpose airborne simulator-conceptual design report [with list of references]; by Daniel C. Clark and John Kroll. Aug. 1966. cover title, xix+209 p. il. 4° [Prepared under contract NAS–607 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.] Φ Paper, \$3.75.
- 16592 552. Solution of ordinary differential equations by means of Lie series [with list of references]; by F. Cap [and others]. Aug. 1966. cover title, vii+129 p. 4° [Prepared under grant NGR–52–046–001 by Innsbruck University, Innsbruck, Austria.] Φ Paper, \$3.00.
L.C. card 66–62740
- 16593 554. Studies of multi-variable manual control systems: Two-axis compensatory systems with compatible integrated display and control [with list of references]; by William H. Levison and Jerome I. Elkind. Aug. 1966. cover title, vi+147 p. il. 4° [Prepared under contract NASw–688 by Bolt Beranek and Newman, Inc., Cambridge, Mass.] Φ Paper, \$3.25.
- 16594 564. Visual and control aspects of saccadic eye movements [with bibliography]; by Laurence R. Young, Bert L. Zuber, and Lawrence Stark. Sept. 1966. cover title, vi+138 p. il. 4° [Prepared under contract NAS 2–1328 by Biosystems, Inc., Cambridge, Mass.] Φ Paper, \$3.00.
L.C. card 66–62787
- 16595 567. Analysis of spherical shell with non-axisymmetric boundary [with list of references]; by Z. M. Elias and P. K. Ho. Sept. 1966. cover title, [1]+33 p. il. 4° [Prepared under grant NGR–22 by Massachusetts Institute of Technology, Cambridge, Mass.] Φ Paper, \$2.00.
- 16596 569. Taylor instability in stratified flow [with list of references]; by Thomas J. Eisler. Oct. 1966. cover title, v+18 p. il. 4° [Prepared under grant NsG–586 by Catholic University, Washington, D.C.] Φ Paper, \$1.00
- 16597 576. Nongrey radiation effects on boundary layer of absorbing gas over flat plate [with list of references]; by A. M. Smith, and H. A. Hassan. Sept. 1966. cover title, iii+106 p. il. 4° [Prepared under contract NAS 1–4270 by Research Triangle Institute, Durham, N.C.] Φ Paper, \$3.00.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16598 577. Biological control systems, critical review and evaluation [with bibliographies]; by Lawrence Stark [and others]. Sept. 1966. cover title, v+391 p. il. 4° [Prepared under contract NAS 2-2122 by Biosystem, Inc., Cambridge, Mass.] Φ Paper, \$4.25.
L.C. card 66-62789
- 16599 578. Predicted and measured performance of 2 full-scale ducted propellers [with list of references]; by A. R. Kriebel and M. R. Mendenhall. Sept. 1966. cover title, viii+113 p. il. 4° [Prepared under contract NAS 2-2647 by Itek Corporation, Palo Alto, Calif.] Φ Paper, \$3.00.
- 16600 584. Convective and radiative heat transfer during superorbital entry [with list of references]; by H. Hoshizaki and K. H. Wilson. Sept. 1966. cover title, xiv+50 p. il. 4° [Prepared by Lockheed Aircraft Corporation, Palo Alto, Calif.] Φ Paper, \$2.50.
- 16601 585. Radiant energy transfer measurements in air [with list of references]; by H. Hoshizaki [and others]. Sept. 1966. cover title, xii+102 p. il. 4° [Prepared under contract NAS 7-359 by Lockheed Aircraft Corporation, Palo Alto, Calif.] Φ Paper, \$3.00.
L.C. card 66-62665
- 16602 586. Peaceful uses of earth-observation spacecraft: v. 1, Introduction and summary [with list of references]. Sept. 1966. cover title, viii+57 p. 4° [Prepared under contract NASw-1084 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$2.50.
L.C. card 66-62666
- 16603 587. Same: v. 2, Survey of applications and benefits [with list of references]. Sept. 1966. cover title, vi+159 p. il. 4° [Prepared under contract NASw-1084 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$3.25.
L.C. card 66-62666
- 16604 588. Same: v. 3, Sensor requirements and experiments [with bibliographies]. Sept. 1966. cover title, ix+224 p. il. 4° [Prepared under contract NASw-1084 by University of Michigan, Ann Arbor, Mich.] Φ Paper, \$3.75.
L.C. card 66-62666
- 16605 589. Low-frequency noise reduction of spacecraft structures [with list of notes and references]; by R. H. Lyon [and others]. Sept. 1966. cover title, xi+167 p. il. 4° [Prepared under contract NAS 1-4687 by Bolt Beranek and Newman, Inc., Cambridge, Mass.] Φ Paper, \$3.25.
- 16606 595. Tropospheric water vapor content and surface temperatures from TIROS IV radiation data [with list of references]; by Ehrhard Raschke. Sept. 1966. cover title, viii+110 p. il. 4° [Prepared under grant NSG-305 by University of Munich, Munich, Germany for Goddard Space Flight Center.] Φ Paper, \$3.00.
- 16607 597. Superior photoengraving process for semiconductor devices [with list of references]; by C. J. Taylor. Sept. 1966. cover title, iii+36 p. il. 4° [Prepared under contract NAS 5-2755 by Westinghouse Electric Corporation, Baltimore, Md.] Φ Paper, \$2.00.
L.C. card 66-62664
- 16608 598. Attitude determination by Kalman filtering, v. 1 [with selected bibliography]; by James L. Farrell. Sept. 1966. cover title, ix+82 p. il. 4° [Prepared under contract NAS 5-9195 by Westinghouse Electric Corporation, Baltimore, Md.] Φ Paper, \$2.50.
- 16609 599. Attitude determination using Kalman filter, v. 2; by James L. Farrell. Sept. 1966. cover title, [90] p. il. 4° [Prepared under contract NAS 5-9195 by Westinghouse Electric Corporation, Baltimore, Md.] Φ Paper, \$2.50.
- 16610 601. Hydrodynamics of tire hydroplaning [with bibliography]; by C. S. Martin. Sept. 1966. cover title, ix+63 p. il. 4° [Prepared under grant NGR-11-002-033 by Georgia Institute of Technology, Atlanta, Ga.] Φ Paper, \$2.50.
- 16611 602. Green's function approach to vibration of thin spherical shell segments [with bibliography]; by James P. Avery. Sept. 1966. cover title, iii+27 + A-7 p. il. 4° [Prepared under grant NGR-03-001-013 by Arizona State University, Tempe, Ariz.] Φ Paper, \$2.00.
- 16612 606. Theoretical analysis of visual accommodation system in humans [with list of references and bibliography]; by Hewitt D. Crane. Sept. 1966. cover title, xi+77 p. il. 4° [Prepared under contract NAS 2-2760 by Stanford Research Institute, Menlo Park, Calif.] Φ Paper, \$2.50.
L.C. card 66-62788
- 16613 607. Design and development of water vapor electrolysis unit [with list of references]; by W. J. Conner, B. M. Greenough, and G. M. Cook. Sept. 1966. cover title, ix+[116] p. il. 4° [Prepared under contract NAS 2-2630 by Lockheed Aircraft Corporation, Palo Alto, Calif.] Φ Paper, \$3.00.
- 16614 608. Containment of liquid zirconium and niobium carbides on graphite between 3500° and 4700° K [with list of references]; by J. A. Cahill and A. V. Grosse. Sept. 1966. cover title, iii+[11]+38 p. il. 4° [Prepared under Lewis work order C-54468A by Temple University, Philadelphia, Pa.] Φ Paper, \$2.00.
- 16615 609. Peak pressures in thick targets generated by reduced density projectiles [with list of references]; by J. F. Heyda and T. D. Riney. Sept. 1966. cover title, v+43 p. il. 4° [Prepared under contract NAS 3-4176 by General Electric Company, Philadelphia, Pa.] Φ Paper, \$2.00.
- 16616 611. Study of effects of plasma in near-zone field of antenna [with list of references]; by W. C. Taylor. Sept. 1966. cover title, v+34 p. il. 4° [Prepared under contract NAS 1-4973 by Stanford Research Institute, Menlo Park, Calif.] Φ Paper, \$2.00.

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NASA contractor report CR (series)—Continued

- 16617 612. Navy satellite navigation system; by Frederick G. Paulsen. Sept. 1966. cover title, v+81 p. il. 4° [Prepared by Environmental Science Services Administration. Sponsored by Defense Department and National Aeronautics and Space Administration.] Φ Paper, \$2.50.
- 16618 613. Review of analytical methods used to determine modal characteristics of cylindrical shells [with list of references]; by Kevin Forsberg. Sept. 1966. cover title, iii+67 p. il. 4° [Prepared by Lockheed Aircraft Corporation, Palo Alto, Calif. Sponsored by LMSC independent research program. Presented at 7th International Aeronautical Congress (7th C.I.A.é.) June 14-17, 1965, Paris, France.] Φ Paper, \$2.50.

NASA SP (series).

NAS 1.21: (nos.)

- 16619 105. Vacuum technology and space simulation [with list of references; by] Donald J. Santeler [and others]. 1966. viii+305 p. il. (Scientific and Technical Information Division.) [Prepared under contract NASw-680 by Aero Vac Corporation.] * Paper, \$1.00.
● Item 830-1
L.C. card 66-60047
- 16620 107. Symposium on passive gravity-gradient stabilization, Ames Research Center, Moffett Field, Calif., May 10-11, 1965 [with list of references]. 1966. vi+[1]+269 p. il. 4° (Scientific and Technical Information Division.) * Paper, \$1.75. ● Item 830-1
L.C. card 66-60044
- 16621 5059. Solid lubricants [with bibliography]; by M. E. Campbell, John B. Loser, and Eldon Sneegas. May 1966. x+115 p. il. (Technology Survey; Technology Utilization Division.) [Prepared under contract by Midwest Research Institute, Kansas City, Mo.] * Paper, 50c.
L.C. card 66-60042
- 16622 7011 (27). Aerospace medicine and biology, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA Information System during July 1966. Aug. 1966. vi+82+90 p. 4° (Scientific and Technical Information Division.) [Compiled through cooperative efforts of Aerospace Medicine and Biology Bibliography Project of Library of Congress (LC) and American Institute of Aeronautics and Astronautics AIAA.) Φ Paper, \$1.00.
L.C. card 65-62677

NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.] Φ Paper, each 15c. NAS 1.29: (nos.)

- 16623 66-10400. System for etching thick aluminum layers minimizes bridging and undercutting. Sept. 1966. 1 p. 4° (M-FS-1366.)
- 16624 66-10401. Dielectrometer design permits measurement in vacuum under irradiation. Sept. 1966. [2] p. il. 4° ([M-FS-359.])
- 16625 66-10402. Rotary valve controls multiple hydraulic leveling cylinders. Sept. 1966. [2] p. il. 4° ([M-FS-361.])
- 16626 66-10403. Special tool kit aids heavily garmented workers. Sept. 1966. 1 p. 4° (MSC-163.)
- 16627 66-10404. New computer program solves wide variety of heat flow problems. Sept. 1966. 1 p. 4° (M-FS-421.)
- 16628 66-10405. Design reliability goal developed from small sample. Sept. 1966. 1 p. 4° (M-FS-403.)
- 16629 66-10406. Plant respirometer enables high resolution of oxygen consumption rates. Sept. 1966. [2] p. il. 4° ([HQ-47.])
- 16630 66-10407. Direction indicator system does not require complicated optics. Sept. 1966. [2] p. il. 4° ([WOO-305.])
- 16631 66-10408. Closed loop operation eliminates need for auxiliary gas in high pressure pumping station. Sept. 1966. [2] p. il. 4° ([M-FS-893.])
- 16632 66-10409. Modular porous plate sublimator (MPPS) requires only water supply for coolant. Sept. 1966. [2] p. il. 4° ([M-FS-1374.])
- 16633 66-10410. Alignment tool facilitates pin placement on irregular horizontal surfaces. Sept. 1966. [2] p. il. 4° ([Langley-219.])
- 16634 66-10411. Heavy duty precision leveling jacks expedite setup time on horizontal boring mill. Sept. 1966. [2] p. il. 4° ([M-FS-1084.])
- 16635 66-10412. Leak locator for vacuum jacketed pipelines eliminates need for removal of outer jacket. Sept. 1966. [2] p. il. 4° ([M-FS-888.])
- 16636 66-10413. Analog solar system model relates celestial bodies spatially. Sept. 1966. [2] p. il. 4° ([JPL-195.])
- 16637 66-10415. Electroplating eliminates gas leakage in brazed areas. Sept. 1966. [2] p. il. 4° ([M-FS-923.])
- 16638 66-10416. Matching flow characteristics of standard shutoff valves eliminates need for custom fabricated valves. Sept. 1966. 1 p. 4° (M-FS-1069.)
- 16639 66-10419. Metal oxide silicon (MOS) transistors protected from destructive damage by wire device. Sept. 1966. [2] p. il. 4° ([ARC-65.])
- 16640 66-10420. Electronic bidirectional valve circuit prevents crossover distortion and threshold effect. Sept. 1966. [2] p. il. 4° ([MSC-193.])
- 16641 66-10426. Computer simulation program is adaptable to industrial processes. Oct. 1966. 1 p. 4° (Lewis-240.)

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16642 66-10427. Electrical cabling withstands severe environmental conditions. Sept. 1966. 1 p. 4° (M-FS-1585.)
- 16643 66-10429. Video signal processing system uses gated current mode switches to perform high speed multiplication and digital-to-analog conversion. Oct. 1966. [2] p. il. 4° ([MSC-781.])
- 16644 66-10430. Solid-state switch increases switching speed. Oct. 1966. [2] p. il. 4° ([WOO-298.])
- 16645 66-10431. Control circuit maintains unity power factor of reactive load. Oct. 1966. [2] p. il. 4° ([MSC-192.])
- 16646 66-10432. Remote preamplifier circuit maintains stability over wide temperature range. Oct. 1966. [2] p. il. 4° ([WOO-278.])

NASA technical memorandum TM (series).

- 16647 X-1243. Effect of protuberances, cavities, and angle of attack on wind-tunnel pressure and heat-transfer distribution for Apollo command module [with list of references]; by John J. Bertin. Oct. 1966. cover title, [1]+56 p. il. 4° Φ Paper, \$2.50. NAS 1.15: X-1243

NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 16648 D-3286. Study of coaxial Hall current accelerators at moderate pressures [with list of references]; by H. A. Hassan, Robert V. Hess, and William Grossmann, jr. Oct. 1966. cover title, [1]+34 p. il. 4° Φ Paper, \$2.00.
- 16649 D-3362. Apollo infrared acquisition and tracking system [with lists of references]; by H. L. Richard. Oct. 1966. cover title, iii+63 p. il. 4° Φ Paper, \$2.50.
- 16650 D-3391. Errata, Techniques for design, evaluation, and analysis of endless-loop tape transports for satellite applications. [by] Kenneth W. Stark. May 1966. [Sept. 21, 1966.] [2] leaves, 4° \dagger
- 16651 D-3449. Effects of subcooling and gravity level on boiling in discrete bubble region [with list of references]; by Thomas H. Cochran and John C. Aydelott. Sept. 1966. cover title, [1]+39 p. il. 4° Φ Paper, \$2.00.
- 16652 D-3481. Biasing effect of random bit errors on binary telemetry data [with list of references]; by Morton Pasternack. Oct. 1966. cover title, iii+8 p. il. 4° Φ Paper, \$1.00.
- 16653 D-3482. Errata [Evaluation and comparison of 3 space suit assemblies]; by R. L. Jones, July 1966]. [Sept. 21, 1966.] 1 p. 4° \dagger
- 16654 D-3483. Mechanical properties of dilute tungsten-rhenium alloys [with list of references]; by William D. Klopp, Walter R. Witzke, and Peter L. Raffo. Sept. 1966. cover title, [1]+32 p. il. 4° Φ Paper, \$2.00.
- 16655 D-3491. Temperature control unit for sounding rocket applications; by Kerstin Fredga and Robert S. Lee. Oct. 1966. cover title, iii+9 p. il. 4° Φ Paper, \$1.00.
- 16656 D-3553. Stability of intermixing of high-velocity vapor with its subcooled liquid in concurrent streams [with list of references]; by William H. Westendorf and William F. Brown. Oct. 1966. cover title, [1]+23 p. il. 4° Φ Paper, \$1.00.
- 16657 D-3556. Thermal cycling of thin-film cadmium sulfide solar cells [with list of references]; by Adolph E. Spakowski and John G. Ewashinka. Oct. 1966. cover title, [1]+20 p. il. 4° Φ Paper, \$1.00.
- 16658 D-3557. Earth's longitude gravity field as sensed by drift of 3 synchronous satellites [with lists of references]; by C. A. Wagner. Oct. 1966. cover title, iv+103 p. il. 4° Φ Paper, \$3.00. L.C. card 66-62790
- 16659 D-3578. Analysis of linearized supersonic flow about pointed bodies of revolution by method of characteristics [with list of references]; by Alan D. Sherer. Oct. 1966. cover title, viii+40 p. il. 4° Φ Paper, \$2.00.
- 16660 D-3579. Use of grit-type boundary-layer-transition trips on wind-tunnel models [with list of references]; by Albert L. Braslow, Raymond M. Hicks, and Roy V. Harris, jr. Sept. 1966. cover title, [1]+18 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966 and published in NASA SP-124.] Φ Paper, \$1.00.
- 16661 D-3580. Wind-tunnel-flight correlation of shock-induced separated flow [with list of references]; by Donald L. Loving. Sept. 1966. cover title, [1]+9 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA-124.] Φ Paper, \$1.00.
- 16662 D-3581. Aerodynamic-center considerations of wings and wing-body combinations [with list of references]; by John E. Lamar and William J. Alford, jr. Oct. 1966. cover title, [1]+13 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.
- 16663 D-3583. Ground effects related to landing of airplanes with low-aspect-ratio wings [with one reference]; by William B. Kemp, jr., Vernard E. Lockwood, and W. Pelham Phillips. Oct. 1966. cover title, [1]+14 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.
- 16664 D-3584. Studies of various factors affecting drag due to lift at subsonic speeds [with list of references]; by William P. Henderson. Oct. 1966. cover title, [1]+14 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 67

GOVERNMENT PUBLICATIONS

NASA technical note TN (series)—Continued

- 16665 D-3585. Current measurement in launch vehicle checkout; by William F. Huseonica. Oct. 1966. cover title, iii+22 p. il. 4° Φ Paper, \$1.00.
- 16666 D-3586. Numerical technique for analysis of wave drag at lifting conditions [with list of references]; by Roy V. Harris, jr. Oct. 1966. cover title, [1]+11 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.
- 16667 D-3587. Sonic-boom characteristics of proposed supersonic and hypersonic airplanes [with list of references]; by F. Edward McLean, Harry W. Carlson, and Lynn W. Hutton. Sept. 1966. cover title, [1]+15 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966 and published in NASA SP-124.] Φ Paper, \$1.00.
- 16668 D-3588. Considerations regarding evaluation and reduction of supersonic skin friction [with list of references]; by John B. Peterson, jr., and William J. Monta. Oct. 1966. cover title, [1]+18 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.
- 16669 D-3589. Problem of roughness drag at supersonic speeds [with list of references]; by K. R. Czarnecki. Oct. 1966. cover title, [1]+14 p. il. 4° [Presented at classified conference on aircraft aerodynamics, Langley Research Center, May 23-25, 1966, and published in NASA SP-124.] Φ Paper, \$1.00.
- 16670 D-3591. Static and dynamic longitudinal stability derivatives of powered 1/9-scale model of tilt-wing V/STOL transport [with list of references]; by Joseph R. Chambers and Sue B. Grafton. Sept. 1966. cover title, [1]+48 p. il. 4° Φ Paper, \$2.00.
- 16671 D-3594. Deck motion simulator Program, horizontal sinusoidal oscillation effects upon performance of standing workers [with list of references]; by J. S. Seeman and R. B. Williams. Oct. 1966. cover title, vi+44 p. il. 4° Φ Paper, \$2.00.
- 16672 D-3600. Flight study with large helicopter showing trends of lateral and longitudinal control response with size [with list of references]; by Robert J. Tapscott and Robert W. Sommer. Sept. 1966. cover title, [1]+10 p. il. 4° Φ Paper, \$1.00.
- 16673 D-3601. Velocity profiles and eddy viscosity distributions downstream of Mach 2.22 nozzle exhausting to quiescent air [with list of references]; by James M. Eggers. Sept. 1966. cover title, [1]+83 p. il. 4° Φ Paper, \$2.50.
- 16674 D-3605. Monotonic magnetostriction for nonferromagnetic materials [with list of references]; by Lawrence Flax. Sept. 1966. cover title, [1]+13 p. 4° Φ Paper, \$1.00.
- 16675 D-3606. Finite-thrust escape from and capture into circular and elliptic orbits [with list of references]; by Edward A. Willis, jr. Sept. 1966. cover title, [1]+65 p. il. 4° Φ Paper, \$2.50.
- 16676 D-3608. Comparison of experimental and theoretical stresses at mismatch in circumferential joint in cylindrical pressure vessel [with list of references]; by William C. Morgan and Peter T. Bizon. Sept. 1966. cover title, [1]+17 p. il. 4° Φ Paper, \$1.00.
- 16677 D-3609. Elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling [with list of references]; by Peter T. Bizon. Sept. 1966. cover title, [1]+45 p. il. 4° Φ Paper, \$2.00.
- 16678 D-3612. Wind-tunnel investigation of thermal and pressure environments in base of Saturn S-1C booster from Mach 0.1 to 3.5 [with list of references]; by Robert A. Wasko. Sept. 1966. cover title, [1]+19 p. il. 4° Φ Paper, \$1.00.
- 16679 D-3613. Weak locally homogeneous turbulence in idealized flow through cone [with list of references]; by Robert G. Deissler. Sept. 1966. cover title, [1]+27 p. il. 4° Φ Paper, \$2.00.
- 16680 D-3616. Statistical data compression technique [with list of references]; by James W. Snively, r. Oct. 1966. cover title, iii+28 p. il. 4° Φ Paper, \$2.00.
L.C. card 66-62744
- 16681 D-3617. New design approach for wide-range temperature monitoring and compensating networks in scientific satellites [with list of references]; by Warren R. Crockett. Oct. 1966. cover title, iii+16 p. il. 4° Φ Paper, \$1.00.
- 16682 D-3618. Investigation of spray velocity resulting from high-velocity penetration of thin plates by disks [with list of references]; by John D. Di Battista. Sept. 1966. cover title, [1]+29 p. il. 4° Φ Paper, \$2.00.
- 16683 D-3620. Apollo afterbody heat transfer and pressure with and without ablation at M_∞ of 5.8 to 8.3 [with list of references]; by George Lee and Robert E. Sundell. Sept. 1966. cover title, [1]+44 p. il. 4° Φ Paper, \$2.00.
- 16684 D-3621. Large-scale wind-tunnel tests of low-aspect-delta-winged model equipped with sharp-edged strakes [with list of references]; by Victor R. Corsiglia and David G. Koenig. Sept. 1966. cover title, [1]+51 p. il. 4° Φ Paper, \$2.50.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16685 D-3622. Prediction of inversion load of circular tube [with list of references]; by LeRoy R. Guist and Donald P. Marble. Sept. 1966. cover title, [1]+19 p. il. 4° Φ Paper, \$1.00.
- 16686 D-3623. Interplanetary midcourse guidance using radar tracking and on-board observation data [with list of references]; by Luigi S. Ciccolani. Sept. 1966. cover title, [1]+ii+47 p. il. 4° Φ Paper, \$2.00.
- 16687 D-3624. Evaluation of new method of integrating orbital equations of motion for use in space navigation [with list of references]; by John D. McLean. Sept. 1966. cover title, [3]+57 p. il. 4° Φ Paper, \$2.50.
- 16688 D-3627. Effect of projectile size and material on impact fracture of walls of liquid-filled tanks [with list of references]; by C. Robert Morse and Francis S. Stepka. Sept. 1966. cover title, [1]+14 p. il. 4° Φ Paper, \$1.00.
- 16689 D-3631. Determination of temperature and material effects on high-velocity impact craters in ablative heat-shield materials [with list of references]; by Paul E. Tippens and John R. Davidson. Sept. 1966. cover title, [1]+18 p. il. 4° Φ Paper, \$1.00.
- 16690 D-3633. Aerodynamic characteristics of tension shell shapes at Mach 3.0 [with list of references]; by William D. Deveikis and James Wayne Sawyer. Oct. 1966. cover title, [1]+50 p. il. 4° Φ Paper, \$2.00.
- 16691 D-3634. Effect of wing leading-edge shape on aerodynamic characteristics of 67° swept wing-body model at Mach 1.50 to 4.63 [with list of references]; by Robert G. Kyle and Maurice O. Feryn. Oct. 1966. cover title, [1]+22 p. il. 4° Φ Paper, \$1.00.
- 16692 D-3636. Transfer function analysis of fluid contained in longitudinally excited thin-wall cylindrical tank [with list of references]; by Carl F. Lorenzo. Sept. 1966. cover title, [1]+22 p. il. 4° Φ Paper, \$1.00.
- 16693 D-3638. Preliminary observations of enhancement of superconducting current-carrying capacity in niobium through hydrogen treatment [with list of references]; by Robert J. Smith, Donald E. Hegland, and Patricia R. Kendziorski. Sept. 1966. cover title, [1]+10 p. il. 4° Φ Paper, \$1.00.
- 16694 D-3639. Experimental and theoretical results for buckling of eccentrically stiffened cylinders [with list of references]; by Michael F. Card and Robert M. Jones. Oct. 1966. cover title, [1]+23 p. il. 4° Φ Paper, \$1.00.
- 16695 D-3641. Calculations of energy and angular distributions of electrons ejected from helium by 200- and 300-keV protons [with list of references]; by William J. B. Oldham, jr. Oct. 1966. cover title, ii+19 p. il. 4° Φ Paper, \$1.00.
- 16696 D-3643. On use of Euler's theorem on rotations for synthesis of attitude control systems [with list of references]; by George Meyer. Sept. 1966. cover title, [1]+i+30 p. il. 4° Φ Paper, \$2.00.
- 16697 D-3644. Heat-transfer and pressure distributions on 60° and 70° swept delta wings having turbulent boundary layers [with list of references]; by William M. Murray, jr., and Robert L. Stallings, jr. Oct. 1966. cover title, [1]+74 p. il. 4° Φ Paper, \$2.50.
- 16698 D-3645. Comparison of 1- and 2-dimensional heat-transfer calculations in central fin-tube radiators [with list of references]; by Norbert O. Stockman, Edward C. Bittner, and Earl L. Sprague. Sept. 1966. cover title, [1]+29 p. il. 4° Φ Paper, \$2.00.
- 16699 D-3648. Absolute photon yields of light elements by deuteron bombardment [with list of references]; by Anthony J. Caruso and Robert A. Walter. Oct. 1966. cover title, iii+11 p. il. 4° Φ Paper, \$1.00.
- 16700 D-3650. Feasibility study of secondary emission electron microscopy for examining materials containing dispersed oxide particles [with list of references]; by L. Fredrick Norris and Walter S. Cremens. Oct. 1966. cover title, [3]+48 p. il. 4° Φ Paper, \$2.00. L.C. card 66-62910
- 16701 D-3651. Design of fluid jet amplifier with reduced receiver-interaction-region coupling [with list of references]; by William S. Griffin. Oct. 1966. cover title, [1]+27 p. il. 4° Φ Paper, \$2.00.
- 16702 D-3656. High-energy ion beams used to accelerate hydrogen propellant along magnetic tube of flux [with list of references]; by Gerald W. Englert. Oct. 1966. cover title, [2]+49 p. il. 4° Φ Paper, \$2.00.
- 16703 D-3657. Experimental investigation of charging submicron carbon powder for colloidal particle thrusters [with list of references]; by Ronald J. J. Schertler and Carl T. Norgren. Oct. 1966. cover title, [1]+18 p. il. 4° Φ Paper, \$1.00.
- 16704 D-3659. Differential games and manual control [with list of references]; by Sheldon Baron. Oct. 1966. cover title, iii+15 p. il. 4° Φ Paper, \$1.00.
- 16705 D-3661. Preliminary analytical investigation of booster recovery by use of hot-air balloon for both deceleration and final recovery [with list of references]; by Stanley H. Scher, James C. Dunavant, and Irene G. Young. Oct. 1966. cover title, [1]+41 p. il. 4° Φ Paper, \$2.00.
- 16706 D-3664. Ignition kinetics of carbon monoxide-oxygen reaction [with list of references]; by Richard S. Brokaw. Oct. 1966. cover title, [1]+20 p. il. 4° [Presented at 11th Symposium (International) on Combustion, Berkeley, Calif., Aug. 14-20, 1966.] Φ Paper, \$1.00.
- 16707 D-3672. Buoyancy effects on critical heat flux of forced convective boiling in vertical flow [with list of references]; by S. Stephen Papell, Robert J. Simoneau, and Dwight D. Brown. Oct. 1966. cover title, [1]+17 p. il. 4° Φ Paper, \$1.00.

GOVERNMENT PUBLICATIONS

NASA technical report R (series).

NAS 1.12:(nos.)

- 16708 248. New one-step integration methods of high-order accuracy applied to some problems in celestial mechanics [with list of references]; by Erwin Fehlberg. Oct. 1966. cover title, iii+46 p. il. 4° Φ Paper, \$2.00.
- 16709 249. Study of damping in nonlinear oscillations [with list of references]; by Maurice L. Rasmussen and Donn B. Kirk. Oct. 1966. cover title, [1]+i+51 p. il. 4° Φ Paper, \$2.50.

NASA technical translation TT (series).

- 16710 F-393. First panoramic views of lunar surface. Oct. 1966. cover title, v+125 p. il. 4° [From Izdatel'stvo Nauka, Moscow, 1966.] Φ Paper, \$3.00.
NAS 1.13/2: F-393
- 16711 Project Gemini. [1966.] cover title, 52 p. il. 4° [Illustration on p. 4 of cover is colored.] * Paper, 45c. \bullet Item 830-C NAS 1.2: G 28
- 16712 Space science and applications program. Dec. 1965 edition. [1966.] cover title, [3]+xi+[210] p. 4° (NHB 8030.2.) [Supersedes Nov. 1964 edition.] \ddagger \bullet Item 830-P
L.C. card 66-62585 NAS 1.33: 965

NATIONAL BUREAU OF STANDARDS, Commerce Dept. Washington, D.C. 20235

Journal of research of National Bureau of Standards [with lists of references]; v. 69, Jan.-Dec. 1965.

- 16713 sec. C. Engineering and instrumentation, papers 69C1-178 to C69C4-213. [1966.] iv+342 p. il. 4° * Cloth, \$3.75.
L.C. card 62-3900 C 13.22/2: 69C

Miscellaneous publication. \bullet Item 247

- 16714 260-14. Standard reference materials: Determination of oxygen in ferrous materials SRM 1090, 1091, and 1092 [with list of references; by] Oscar Menis and J. T. Sterling. Sept. 23, 1966. vii+28+[1] p. il. 4° * Paper, 30c.
L.C. card 66-61928 C 13.10: 260-14

Technical notes. \bullet Item 249-A

C 13.46:(nos.)

- 16715 246. Survey of some empirical and semi-empirical interatomic and intermolecular potentials [with list of references; by Benjamin M. Axilrod. Oct. 3, 1966. iv+52 p. il. 4° (Heat Division, Statistical Physics Section, Institute for Basic Standards.) * Paper, 40c.
- 16716 293. Research on crystal growth and characterization at National Bureau of Standards, June 1966 [with list of papers and talks]; edited by Harry C. Allen, jr. Aug. 26, 1966. [1]+20 p. 4° * Paper, 25c.
L.C. card 63-65195
- 16717 400. Electrochemical analysis: Studies of acids, bases, and salts by emf, conductance, optical, and kinetic methods, July 1965-June 1966 [with bibliographies]; edited by Roger G. Bates. Sept. 6, 1966. xi+96 p. il. 4° [2d annual progress report of Electrochemical Analysis Section, Analytical Chemical Division.] * Paper, 55c.
- 16718 401. Activities of NBS Spectrochemical Analysis Section, July 1965-June 1966 [with list of references]; edited by Bourdon F. Scribner. Sept. 30, 1966. xii+96 p. il. 4° (Spectrochemical Analysis Section, Analytical Chemistry Division, Institute for Materials Research.) * Paper, 55c.
- 16719 403. Microchemical Analysis Section, summary of activities July 1965-June 1966 [with list of references]; edited by John K. Taylor. Sept. 1, 1966. x+79+[3] p. il. 4° (Microchemical Analysis Section, Analytical Chemistry Division, Institute for Materials Research.) [The last 3 pages are left blank for notes.] * Paper, 50c.
- 16720 410. Improved Fortran program for single particle energy levels and wave functions in nuclear structure calculations [with list of references; by] Randall S. Caswell. Sept. 30, 1966. ii+28+[2] p. il. 4° * Paper, 25c.

NATIONAL COMMISSION ON FOOD MARKETING

Washington, D.C. 20407

NOTE.—The National Commission on Food Marketing was established by Public law 88-354, approved July 3, 1964.

- 16721 Supplemental appendix to Technical study no. 1 [Organization and competition in livestock and meat industry] and Technical study no. 2 [Organization and competition in poultry and egg industries]. June 1966. [140] p. il. 4° \ddagger \bullet Item 1070-G Y 3.N 21/22: 9/1, 2/app.

Technical studies. \bullet Item 1070-G

Y 3.21/22: 9/(nos.)

- 16722 1. Organization and competition in livestock and meat industry, supp. 3, Economics of scale in cattle feeding [with list of literature cited; by Samuel H. Logan]. June 1966. [3]+26+[11] p. 4° \ddagger
L.C. card 66-62566

*For Sale by Superintendent of Documents

\ddagger Distribution Made by Issuing Office

\ddagger Official Use. Not Available

NOVEMBER 1966

- 16723 Same: supp. 4, Labor cost of slaughtering hogs [with list of literature cited; by Samuel H. Logan]. June 1966. [3]+19 p. 4° †
L.C. card 66-62566
- 16724 2. Organization and competition in poultry and egg industries. June 1966. v +118 p. il. * Paper, 40c.
L.C. card 66-62663
- 16725 3. Organization and competition in dairy industry. June 1966. v+[1]+409 p. il. * Paper, \$1.25.
L.C. card 66-62794
- 16726 Same: supp. 1, Cheese production in United States; [by Truman F. Graf]. June 1966. [3]+78 p. 4° †
L.C. card 66-62794
- 16727 4. [Organization and competition in fruit and vegetable industry], supp. 1. Import competition in fruits and vegetables; [prepared by Barry C. Fields]. June 1966. [3] leaves+108 p. il. 4° †
L.C. card 66-62567
- 16728 Same: supp. 2, Study of selected Government services used by shippers and receivers of fresh fruit and vegetables. June 1966. [3] leaves+1-Sa, 9-156 p. 4° [Page 127 has been omitted, but no text is missing.] †
L.C. card 66-62567
- 16729 5. Organization and competition in milling and baking industries. June 1966. iv+167 p. il. * Paper, 50c.
L.C. card 66-62459
- 16730 7. Organization and competition in food retailing, supp. 1. Excerpts from Super Market Institute figure exchange reports, 1954-64. June 1966. cover title, [302] p. il. 4° [Publication reads Technical report 7. Issued with marginal index tabs on cardboard showing years.] †
L.C. card 66-62507
- 16731 8. Structure of food manufacturing, report; by [Russell C. Parker and other members of] staff of Federal Trade Commission. June 1966. vii+292 p. il. * Paper, \$1.00.
L.C. card 66-62793
- 16732 9. Cost components of farm-retail price spreads for foods [with lists of references]. June 1966. v+55 p. * Paper, 25c.
- 16733 10. [Special studies in food marketing], supp. 1, Frequency use of private labels by distributors, 212 foods. June 1966. [215] p. 4° †

NATIONAL LABOR RELATIONS BOARD

Washington, D.C. 20570

- 16734 Decisions and orders of National Labor Relations Board, v. 153, June 17-July 23, 1965. 1966. xvi+1608 p. * Cloth, \$5.25. ● Item 826
L.C. card 37-26136 LR 1.8: 153

NATIONAL MUSEUM, Smithsonian Institution

Washington, D.C. 20560

- 16735 Proceedings of National Museum [title page, contents, and index to] v. 117, nos. 3508-3521. 1966. v+681-710 p. † ● Item 922
SI 3.6: 117/t.p.& cont.

NATIONAL PARK SERVICE, Interior Dept.

Washington, D.C. 20242

- 16736 Fishing in National park system. [1966.] cover title, [16] p. il. narrow 8° [Map on p. 3 of cover.] * Paper, 10c. ● Item 648 I 29.2: F 53/3
- 16737 Scott's Bluff National Monument, Nebr. [Revised 1966.] [1966.] [10] p. il. narrow 8° † I 29.21: Sco 87/3/966
- 16738 Visitor accommodations furnished by concessioners in areas administered by National Park Service. Feb. 1966. cover title, [19] p. il. † I 29.70: 966

NATIONAL RAILROAD ADJUSTMENT BOARD

Washington, D.C. 20572

- 16739 Awards of 2d division, National Railroad Adjustment Board, with index. v. 44, Sept. 4-Dec. 20, 1963, awards 4291-4370 inclusive, interpretation 57. Keenan Printing Company, Chicago, Ill. [1966.] v+1007 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application).
L.C. card 37-26860 RA 1.8: 44

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 71

GOVERNMENT PUBLICATIONS

NATIONAL SCIENCE FOUNDATION Washington, D.C. 20550

- 16740 Basic research, applied research, and development in industry, 1963, final report on survey of R&D funds, 1963, and R&D Scientists and Engineers. Jan. 1964; [prepared by George C. Nichols and others]. [1966.] viii+[1]+185 p. il. 4° (Surveys of science resources series; NSF 66-15.) [Prepared in cooperation with Census Bureau, Commerce Dept.] * Paper, \$1.00. ● Item S34-T
L.C. card 66-62755 NS 1.22: In 2/963
- 16741 Current projects on economic and social implications of science and technology, 1965; [compiled by Suzanne Snowden]. [1966.] v+187 p. (NSF 66-21.) * Paper, 65c. ● Item S34-V
L.C. card 66-62763 NS 1.23: 965
- 16742 Weather and climate modification, report of Special Commission on Weather Modification. [1966.] vi+149 p. oblong 12° ([NSF 66-3.]) †
L.C. card 66-60715 NS 1.2: W 37/2
- 16743 Weather modification, law, controls, operations, survey of responses to questionnaires of Special Commission on Weather Modification of National Science Foundation by States, research and experimental organizations, commercial operators, and Federal agencies; prepared by Howard J. Taubenfeld. [1966.] v+73 p. oblong 8° ([NSF 66-7.]) [Report to Special Commission on Weather Modification.] †
L.C. card 66-62768 NS 1.2: W 37

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, D.C. 20390

- Publications. ● Item 378 (Rev. 1957) D 203.22:(nos.)
- 16744 62. Change 4, July 16, 1966, looseleaf change pages for correcting Sailing directions for Persian Gulf, 5th edition, 1960. [1966.] [73] p. il. 4° [Formerly 158. Includes list of effective pages.] † Paper, 35c.
- 16745 80. Change 9, June 18, 1966, loose leaf change pages for correcting Sailing directions for Pacific Islands, v. 3, 6th edition, 1952. [1966.] [211] p. il. 4° [Formerly no. 166. Includes list of effective pages.] † Paper, 35c.
- 16746 114. Change 10, Aug. 6, 1966, to list of lights and fog signals, British Isles, English Channel and North Sea, 1966. [65] p. 4° [Includes list of effective pages and Notice to mariners 32, 1966. Issued in looseleaf form.] † Paper, 50c.
- 16747 116. Change 11, List of lights and fog signals; Baltic Sea with Kattegat, belts and sound and Gulf of Bothnia; June 25, 1966. 1966. [112] p. 4° [Includes list of effective pages and Notice to mariners 26, 1966. Issued in looseleaf form.] † Paper, 50c.
L.C. card 7-24405 rev. 2
- 16748 119. Weather station index; July 16, 1966. 5th edition. 1966. vi+[127] p. il. 4° [Includes Notice to mariners 29, 1966.] † Paper, 50c.
L.C. card 63-62204

NAVAL OPERATIONS OFFICE, Defense Dept. Washington, D.C. 20350

- 16749 United States Navy, keeping the peace. [1966.] [2]+48+[2] p. il. (Naval History Division.) * Paper, 30c. ● Item 399-A
L.C. card 66-61705 D 207.10/2: P 31

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, D.C. 20390

- 16750 Guide for professional reading for officers of Navy and Marine Corps; compiled by Naval War College, Newport. R.I. 17th edition. [1966.] [2]+ii+14 p. 4° (NAVPERS 92356F.) [Issued with perforations.] † ● Item 401-A
L.C. card 61-61559 D 208.15: 94/966

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 16751 Navigation compendium; [prepared by Training Publications Division of Naval Personnel Program Support Activity]. 1966. cover title, iii leaves+126 p. il. 4° (NAVPER 10494.) [Some illustrations are colored.] * Paper, \$1.50. ● Item 404
L.C. card 66-62770 D 208.11/2: N 22/3
- 16752 United States Navy occupational handbook, manual for civilian guidance counselors, schools and libraries, also employment and youth agencies. 5th edition. [1966.] [144] p. large 8° ([RAD 66102.]) [Text on p. 2 of cover.] † ● Item 403-A D 208.6/3: Oc 1/1966

NAVAL RESEARCH OFFICE, Defense Dept.
Washington, D.C. 20390

ACR (series). ● Item 407-D

- 16753 ACR-112. 5th symposium on naval hydrodynamics, ship motions and drag reduction, sponsored by Office of Naval Research and Skipsmodell-tanken, Sept. 10-12, 1964, Bergen, Norway [with lists of references: J. K. Lunde and Stanley W. Doroff, editors]. [1966.] xvi+1154 p. il. * Cloth, \$7.25. D 210.15: ACR-112

NRL reports. (Naval Research Laboratory.)

D 210.8: (nos.)

- 16754 6266. Scaling underwater exploding wires [with list of references; by] J. R. McGrath. Dec. 17, 1965. cover title, i+28+[4] p. il. 4° ([NRL problem E01-01, ONR problem RR 010-04-41-5950, BuShips SR 007-12-01-0800.]) Φ Paper, \$2.00 (AD 633115).
- 16755 6318. Surface chemistry of proteins and polypeptides [with list of references; by] G. I. Loeb. Nov. 30, 1965. cover title, iii+78+[4] p. il. 4° ([NRL problem C02-18A, RUDC-4B000/652-1/F101-99-01.]) [Contains copy-right material.] Φ Paper, \$3.00 (AD 632104).
- 16756 6368. Factors affecting surface-chemical displacement of bulk water from solid surfaces [with list of references; by] H. R. Baker, C. R. Singletary, and W. A. Zisman. Feb. 24, 1966. cover title, i+12+[4] p. il. 4° ([NRL problem C02-12, project RR 001-01-43-4752.]) Φ Paper, \$1.00 (AD 632084).
- 16757 6374. Extent of radioactive equilibrium between radon and its short-lived daughter products in atmosphere [with list of references; by] L. B. Lockhart, jr., and R. L. Patterson, jr. Apr. 5, 1966. cover title, i+18+[4] p. il. 4° ([NRL problem A02-13, project RR 004-02-42-5151 and AEC AT 49-7(2435).]) Φ Paper, \$1.00 (AD 633116).
- 16758 6379. Linear class B audio amplifier output-power capability, analysis of load-impedance and waveform effects; [by] W. M. Lawson, jr. Apr. 13, 1966. cover title, ii+18+[4] p. il. 4° ([NRL problem S02-10, BuShips SF 101-03-18-S134, ONR RF 101-03-44-4062.]) Φ Paper, \$1.00 (AD 633117).
- 16759 6383. Thermal degradation processes in polysiloxanes and thermal stabilization by cerium inhibitor [with list of references; by] C. M. Murphy, H. Ravner, and R. E. Kagarise. Apr. 6, 1966. cover title, ii+24+[4] p. il. 4° ([NRL problems C02-01, C02-02, and C07-01, project RAP 41R-C01/652-1/F012-03-05-41002, RR 007-08-44-5500, RR 001-01-43-4803.]) Φ Paper, \$1.00 (AD 63368).
- 16760 6384. Numerical analysis of Pierce-type electron guns [with list of references; by] R. T. Close. Apr. 4, 1966. cover title, ii+18+[4] p. il. 4° (Sozotron report 1; [NRL problem H01-28, project RR 002-01-41-4904.]) Φ Paper, \$1.00 (AD 632468).
- 16761 6385. Optical calibration analysis of U.S. naval space surveillance system [with list of references; by] L. O. Hayden and T. B. McCaskill. Apr. 25, 1966. cover title, ii+34+[4] p. il. 4° ([NRL problem R02-35, project RT S801-001/6521/S434-00-01.]) Φ Paper, \$2.00 (AD 633701).
- 16762 6386. Aerodynamic model for low altitude rocket exhaust plume [with list of references; by] Richard Shaolin Lee and W. W. Balwanz. Apr. 25, 1966. cover title, ii+26+[4] p. il. 4° ([NRL problem R07-07, project RF 008-04-41-4503.]) Φ (Price upon application, AD 482690).
- 16763 6387. Investigation of intergranular corrosion of lead-antimony grid alloys [with list of references; by] A. C. Simon. Apr. 7, 1966. cover title, ii+26+[4] p. il. 4° ([NRL problem C05-14, projects SF 013-06-06, task 4366, and RR 001-01-43-4755.]) Φ Paper, \$2.00 (AD 633078).
- 16764 6388. Interaction of carbon dioxide with hydrogen chemisorbed on platinum electrode [with list of references; by] B. J. Piersma, T. B. Warner, and S. Schuldiner. Apr. 26, 1966. cover title, ii+14 p.+[2] leaves, il. 4° ([NRL problems C05-06 and C05-03, projects RR 007-12-01-0809, and RR 001-01-43-4754.]) Φ Paper, \$1.00 (AD 633686).
- 16765 6389. Transistorized digital clock with serial binary-coded readout; [by] L. O. Hayden. May 10, 1966. cover title, ii+18+[4] p. il. 4° ([NRL problem R02-35, RT S801-001/6521/S434-00-01.]) Φ Paper, \$1.00 (AD 633695).
- 16766 6392. Infrared spectra of plastics and resins, pt. 2: Materials developed since 1954 [with list of references; by] Suzanne S. Stimler and R. E. Kagarise. May 23, 1966. cover title, i+36+[4] p. il. 4° Φ Paper, \$2.00 (AD 634427).

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NRL reports—Continued

- 16767 6398. Characterization of particulate matter in ocean [with list of references: by] L. S. Birks [and others]. Mar. 18, 1966. cover title, ii+18+[4] p. il. 4° ([NRL problem P04-04, project RR 002-02-41-4951.]) Φ Paper, \$1.00 (AD 631146).
- 16768 6402. Solution systems for displacing of organic liquids from solid surfaces [with list of references; by] Marianne K. Bernett and W. A. Zisman. May 25, 1966. cover title, i+14+[4] p. 4° ([NRL problems C02-10 and C02-15, projects RR 001-01-43-4751, SR 007-08-04, task 0617.]) Φ Paper, \$1.00 (AD 634425).
- 16769 6405. Metallurgical characteristics of high strength structural materials (9th quarterly report) [with list of references; by] R. J. Goode [and others]. Nov. 1965. cover title, iii+100+[4] p. il. 4° Φ Paper, \$4.00 (AD 634094).
- 16770 6410. Electrodynamics of superconducting parallel path circuit [with selected bibliography; by] E. E. King. May 9, 1966. cover title, vi+72+[4] p. il. 4° ([NRL problem E02-02, project RR 010-01-44-5601.]) Φ Paper, \$3.00 (AD 633685).
- 16771 6414. Magnetic torque of ideal superconducting toroids [with list of references; by] E. E. King. Aug. 9, 1966. cover title, 6 p.+ [2] leaves, il. 4° ([NRL problem E02-02, project RR 010-01-44-5601.]) ‡

NAVY DEPARTMENT, Defense Dept. Washington, D.C. 20350

- 16772 Guide to forms management: Mar. 29, 1966. Reprinted July 1966. cover title, [1]+iii+101 p. il. 4° (AOINST 5213.31: Administrative Office.) [Includes Change 1. Issued in looseleaf form.] * Paper, \$1.00. ● Item 370-A D 201.6/12: F 76/966

OUTDOOR RECREATION BUREAU, Interior Dept. Washington, D.C. 20240

- 16773 Dilemma of America, remarks of Edward C. Crafts, Director, Bureau of Outdoor Recreation, Department of Interior, before Nevada Governor's Conference on Natural Beauty and Outdoor Recreation, Las Vegas, Nev., Sept. 21, 1966. [1966.] 11 leaves, 4° † I 66.9: C 84/26
- 16774 Federal focal point in outdoor recreation. [1966.] [4]+iv+76 p. il. 16° * Paper, 35c. ● Item 657-B-1 L.C. card 66-62799 I 66.2: Ou 8/966

POST OFFICE DEPARTMENT Washington, D.C. 20260

- 16775 Address by Postmaster General Lawrence F. O'Brien at dedication of Sacramento Post Office, Sacramento, Calif., Oct. 10, 1966. 1966. 7 leaves, 4° (Information Service, General release 133.) † P 1.27: Ob 6/18
- 16776 Address by Postmaster General, Lawrence F. O'Brien at dedication of self-service postal unit, Springfield, Mass., Oct. 5, 1966. 4 leaves, 4° (Information Service, General release 128.) † P 1.27: Ob 6/17
- 16777 Address by Postmaster General Lawrence F. O'Brien at national convention of National Association of Postmasters of United States, Louisville, Ky., Sept. 29, 1966. 1966. 10 p. 4° (Information Service, General release 120.) † P 1.27: Ob 6/15
- 16778 Address by Postmaster General Lawrence F. O'Brien at swearing-in ceremony of Henry W. McGee as Acting Postmaster, Chicago, Ill., Sept. 26, 1966. 1966. 3 leaves, 4° (Information Service; General release 119.) † P 1.27: Ob 6/14
- 16779 Agreement between Post Office Department and National Association of Letter Carriers AFL-CIO, National Association of Post Office and General Services Maintenance Employees, National Association of Post Office Mail Handlers, Watchmen, Messengers, and Group Leaders AFL-CIO, National Association of Special Delivery Messengers AFL-CIO, National Federation of Post Office Motor Vehicle Employees AFL-CIO, National Rural Letter Carriers Association, United Federation of Postal Clerks AFL-CIO, Sept. 24, 1966-Oct. 31, 1967. [1966.] cover title, 138 p. 16° (POD publication 53.) * Paper, 40c. ● Item 837 P 1.2: P 84/31/966-67

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

NOVEMBER 1966

- 16780 [Commemorative stamp poster]: 5-cent Christmas postage stamp available at your local post office Nov. 2, 1966. 1966. 10.5 x 8 in. P 1.26/2: C 46/966
- 16781 — 5-cent Great River Road commemorative postage stamp available at your local post office Oct. 22, 1966. 1966. 10.5 x 8 in. P 1.26/2: G 79
- 16782 — 5-cent Mary Cassatt American painting commemorative postage stamp available at your local post office Nov. 18, 1966. 1966. 10.5 x 8 in. P 1.26/2: C 27
- 16783 — 5-cent servicemen-savings bonds commemorative postage stamp available at your local post office Oct. 27, 1966. 1966. 10.5 x 8 in. P 1.26/2: Se 6
- NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.
- 16784 Remarks by Postmaster General Lawrence F. O'Brien at 1st day ceremony for Beautification of America Stamp, White House, Washington, D.C., Oct. 5, 1966. 1966. 3 leaves, 4° (Information Service, General release 127.) † P 1.27: Ob 6/16

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, D.C. 20402

Price list PL (series). † ● Item 554 GP 3.9: (nos.)

- 16785 21. Fish and wildlife; Aug. 1966. 51st edition. [1966.] [2]+8 p. L.C. card 26-26235 rev. 2
- 16786 33. Labor; Aug. 1956. 45th edition. [1966.] [2]+28 p. il. L.C. card 26-26497 rev.
- 16787 55. Indians, Smithsonian Institution, Fine Arts Commission, archeology, and ethnology; Aug. 1966. 39th edition. [1966.] [2]+8 p. L.C. card 25-27429 rev. 2
- 16788 82. Radio and electricity, electronics, radar, and communications: Aug. 1966. 15th edition. [1966.] [2]+17 p. L.C. card 51-60607 rev. 2
- 16789 85. Defense, veterans' affairs; Aug. 1966. 9th edition. [1966.] [2]+25 p. L.C. card 55-63660

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 16790 Aspects of Community mental health centers act [with list of references]. by Alfred M. Freedman, professor of psychiatry and chairman of department, New York Medical College, Metropolitan Hospital Center, New York, N.Y., delivered to Department of Psychiatry, University of Warsaw, College of Medicine at Klinika Psychiatria A. M. Pruszkow K/Warszawy, Poland, July 26, 1965. [1966.] iv+22 p. narrow 8° ([National Institute of Mental Health, National Institutes of Health.]) † ● Item 507-A-17 FS 2.22/58: F 87
- 16791 Community mental health, individual adjustment or social planning, symposium, 9th Inter-American Congress of Psychology, Dec. 18, 1964, Miami, Fla. [articles, with bibliographies]. [1966.] [9]+82 p. 4° ([Publication 1504; National Institute of Mental Health, National Clearinghouse for Mental Health Information.]) * Paper, 50c. ● Item 507 L.C. card 66-62745 FS 2.22: M 52/61
- 16792 Control your weight. [May 1966.] [4] p. il. narrow 12° ([Publication 1481; Division of Chronic Diseases, Diabetes and Arthritis Program.]) † ● Item 485 FS 2.2: W 42/2
- 16793 Directory of State and territorial health authorities, 1966. [1966 revision.] [1966.] v+106 p. ([Publication 75; Bureau of State Services (Community Health), Office of Grants Management.]) * Paper, 45c. ● Item 483-B L.C. card 24-26996 FS 2.77/2: 966

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 16794 Handbook on sanitation of buses, 1966, standards of sanitation for construction and operation of commercial buses and servicing and catering facilities. [1966.] v+23 p. il. ([Publication 1454]; Division of Environmental Engineering and Food Protection.) * Paper, 15c. ● Item 496-A
L.C. card 66-62801 FS 2.6/2: B 96
- 16795 Health information for travel in Asia, including Japan, Indonesia, and Philippines, and in Australia and New Zealand. [Revised Mar. 1966.] [1966.] [2] p. narrow f°, folded into oblong 48° size. ([Publication 748-C; Division of Foreign Quarantine.]) * Paper, \$3.75 per 100; single copy, 5c. ● Item 485 FS 2.2: T 69/4/966
Health information series. ● Item 486 FS 2.50: (nos.)
- 16796 6. Ringworm, including athlete's foot. [Revised May 1966.] [1966.] [4] p. il. narrow 8° ([Publication 46.]) * Paper, \$2.00 per 100; single copy, 5c.
- 16797 19. Asthma: [prepared by National Institute of Allergy and Infectious Diseases]. [Revised 1966.] [1966.] [12] p. il. narrow 8° ([Publication 155.]) * Paper, 15c.
- 16798 131. Hemophilia: [prepared by Heart Information Center, National Heart Institute]. [1966.] 11 p. il. narrow 8° ([Publication 1420.]) * Paper, \$5.00 per 100; single copy, 10c.
- 16799 135. Research explores cleft palate: [prepared by Information Office, National Institute of Dental Research, National Institutes of Health]. [1966.] [16] p. il. narrow 8° ([Publication 1487.]) * Paper, \$6.75 per 100; single copy, 10c.
- Hospital and medical facilities series, facilities for mentally retarded: Design-equipment. ● Item 486-D
- 16800 C-1. Design of facilities for mentally retarded, diagnosis and evaluation, education and training, living units [with selected bibliography]. [1966.] cover title, vi+46 p. il. 4° ([Publication 1181-C, Division of Hospital and Medical Facilities, Architectural, Engineering, and Equipment Branch.]) * Paper, 35c.
L.C. card 66-62223 FS 2.74/5: C-1
- [Hospital and medical facilities series (under Hill-Burton program): Category C. Organization and administration.] ([Division of Hospital and Medical Facilities.]) ● Item 486-D
- 16801 C-14. Hospital environment makes difference! all external surroundings and influences in hospital comprise patients environment, research, education, consultation. [1966.] [5] p. il. narrow 8° ([Publication 930-C-14.]) †
L.C. card 66-62802 FS 2.74/3: C-14
- 16802 Industrial environment, its evaluation and control, syllabus: v. 2, Laboratory manual [with lists of references]; edited by Andrew D. Hosey, Charles H. Powell. [1st printing 1958, revised 1965.] [1966.] iii+ [129] p. il. 4° ([Publication 614]; Division of Occupational Health.) * Stiffboard, \$1.50. ● Item 496-A
L.C. card 65-65696 FS 2.6/2: In 2/v. 2
- 16803 Lecture preparation guide, instructive communication [with list of references; by CDC Training Branch]. [Mar. 1966.] viii+60 p. il. 4° ([Publication 1421] Communicable Disease Center, Atlanta, Ga.) [Text on p. 2 and 3 of cover. Insert, (2) p., issued also.] * Paper, 50c. ● Item 505-A FS 2.60/7: L 49
- 16804 NIH staff fellowship program. [1966.] [8] p. 12" ([Publication 1464: National Institutes of Health.]) † ● Item 507 FS 2.22: F 33/6
- 16805 NIH standard animal care equipment: [prepared by Purchase Standards Unit], Supply Management Branch, Procurement Section. [1966.] cover title, [89] p. il. 4° (National Institutes of Health, Office of Administrative Management.) [Issued with perforations.] † ● Item 507 FS 2.22: An 5
- 16806 Office evaluation of the aging patient, disease detection in persons over 45. [Aug. 1966.] [20] p. il. oblong 8° ([Publication 1513]; Division of Chronic Diseases, Gerontology Branch.) * Paper, 20c. ● Item 485 FS 2.2: Ag 4/3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

16807 Pharmacy residencies in Public Health Service hospitals. [1966.] cover title, 12 p. il. narrow 8° ([Publication 1501; Division of Hospitals.]) †
● Item 496-B FS 2.89/3: 966

16808 Processing and storage of viable human tissues [with bibliographies]; by Theodore Malinin. 1966. vi+93 p. il. ([Publication 1442; National Cancer Institute, National Institutes of Health.]) [Prepared in cooperation with Department of Research Pathology, Georgetown University. Schools of Medicine and Dentistry.] * Cloth, \$1.50. ● Item 507-H
L.C. card 66-62803 FS 2.22/15: T 52

Research profile. ● Item 507-A-6

16809 3. Summary of progress in eye disorders; [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health, Bethesda, Md.]. [Revised 1966.] 1966. vi+16 p. il. ([Publication 1155.]) [Included in annual statement made to Congress of United States by Director of National Institute of Neurological Diseases and Blindness. Text on p. 3 of cover.] * Paper, 15c.
L.C. card 66-60544 FS 2.22/43: 3/3

16810 Symposium on recent development in research methods and instrumentation. Oct. 3-6, 1966, Clinical Center Auditorium, National Institutes of Health, Bethesda, Md., held in conjunction with 16th annual research equipment exhibit. [1966.] 32+[4] p. il. [Sponsored by National Institutes of Health in cooperation with Washington sections of American Association of Clinical Chemists, American Chemical Society, American Society for Microbiology, Instrument Society of America, Society for Applied Spectroscopy, Society for Experimental Biology and Medicine. Three pages are left blank for notes.] † ● Item 507
L.C. card 66-62767 FS 2.22: R 31/14

Vital and health statistics: Series 20, Data from National Vital Statistics System. (National Center for Health Statistics.) ● Item 500-E

16811 4. Mortality from diseases associated with smoking, United States, 1950-64 [with selected bibliography; by A. Joan Klebba]. Oct. 1966. [4]+46 p. il. 4° ([Publication 1000, series 20, no. 4; Division of Vital Health Statistics.]) * Paper, 35c.
L.C. card 66-26092 FS 2.85/2: 20/no. 4

— Series 22, Data from National Vital Statistics System. (National Center for Health Statistics.) ● Item 500-E

16812 2. Episodes and duration of hospitalization in last year of life, United States, 1961; [by Gooloo S. Wunderlich and Gordon F. Sutton]. June 1966. [4]+48 p. 4° ([Publication 1000-series 22, no. 2; Division of Health Records Statistics.]) * Paper, 35c.
L.C. card 66-60080 FS 2.85/2: 22/no. 2

PUBLIC ROADS BUREAU, Commerce Dept. Washington, D.C. 20235

16813 Freeways to urban development, new concept for joint development. [1966.] [8] p. il. 4° * Paper, 15c. ● Item 265 C 37.2: F 87/2

16814 Highways, changing concept [address], by Rex M. Whitton, Federal Highway Administrator. [1966.] 5 p. 4° ([Item 3.]) †
C 37.21: W 61/22

16815 Standard alphabets for highway signs, reference guide for standardization of letters and numerals used on highway signs, specified in Manual on uniform traffic control devices for streets and highways, as approved by American Association of State Highway Officials, Institute of Traffic Engineers, National Committee on Uniform Traffic Laws and Ordinances, National Association of Counties, National League of Cities. [1966 edition.] 1966. 36 p. il. 4° (Office of Highway Safety.) * Paper, 30c.
● Item 265-A
L.C. card 66-62927 C 37.6/2: A1 27/966

RECLAMATION BUREAU, Interior Dept. Washington, D.C. 20240

16816 Dams for reclamation. [1966.] cover title, 62, p. il. oblong 8° † ● Item 660 I 27.2: D 18/6/966

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Research report. (Water resources technical publication.)

- 16817 3. Soils tests computer programs; by Paul C. Knodel. [1st printing 1966.]
[1966.] v+144 p. il. 4° * Paper, \$1.00. ● Item 664-B I 27.54 : 3
L.C. card 66-62791

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, D.C. 20250

- 16818 Rural electrification borrowers, 1965 annual statistical report [lending
program of Rural Electrification Administration loan, operating and
financial statistics of REA electric borrowers, year ending Dec. 31, 1965].
[Aug. 1966.] cover title, 262 p. il. 4° (REA bulletin 1-1.) [Text on
p. 2 of cover.] * Paper, \$1.25. ● Item 115
L.C. card 49-38508 A 68.1/2 : 965

SMALL BUSINESS ADMINISTRATION Washington, D.C. 20416

Small business bibliographies. † ● Item 901-K

- 16819 34. Distribution cost analysis; by Fred W. Kniffin. Apr. 1966 (revision).
[1966.] 8 p. 4°
L.C. card 66-62230
16820 55. Wholesaling; by Theodore N. Beckman and Alton F. Doody. Apr. 1966
revision. [1966.] 18 p. 4°
16821 62. Sporting goods; by R. P. Willett and J. R. Grabnar. May 1966 revision.
[1966.] 7 p. 4°
L.C. card 66-62742
16822 70. Automatic merchandising; by Thomas R. Wotruba. May 1966 revision.
[1966.] 8 p. 4°
L.C. card 66-62741
16823 Summary of financial assistance programs. [Sept. 1966.] [6] p. il. 4°
([OPI-7.1]) † ● Item 901-B SBA 1.2 : F 49/2

SMITHSONIAN INSTITUTION Washington, D.C. 20560

- 16824 Guide map to Arts and Industries Building of Smithsonian Institution.
[1965.] [2] p. il. f° † SI 1.20 : Ar 7
16825 Guide map to Museum of History and Technology of Smithsonian Institu-
tion. [1965.] [2] p. il. f° † SI 1.20 : H 62
16826 Guide map to Museum of Natural History of Smithsonian Institution.
[1965.] [2] p. il. f° † SI 1.20 : N 21
Publications in salvage archeology.
16827 1. Fire Heart Creek site [with bibliography], by Donald J. Lehmer; editor Warren
W. Caldwell [and others]. Lincoln, Nebr., 1966. [1] + v+115 p. il. large
8° (River Basin Surveys.) † SI 1.22 : 1
16828 Smithsonian Institution, animals, art, aviation and space, history and tech-
nology, natural history. [1966.] [6] p. il. narrow 8° † SI 1.2 : Sm 6/18

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

Actuarial note. †

- 16829 31. Enrollment for supplementary medical insurance, July 1, 1966; by George I.
Kowalczyk. Aug. 1966. [3] p. 4° FS 3.19/2 : 31

OASI (series). ● Item 518-A FS 3.35 : (nos.)

- 16830 832. Medicare has 2 parts, don't confuse them. July 1966. 1 p. oblong 8° †
16831 875. Just about 65? medicare health benefits can help you, there are 2 insurance
plans, hospital insurance, doctor bill insurance. [Apr. 1966.] 8 p. il.
12° [Issued in colored comic book form.] * Paper, \$6.25 per 100;
single copy 10c.
16832 881b. Health insurance under social security: Your medicare handbook, medical
insurance. [June 1966.] 24 p. il. 4° †
16833 884a. Message for social security beneficiaries who live outside United States.
June 1966. 13 p. narrow 8° [English, French, German, Greek, Italian,
Spanish.] †

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

SOIL CONSERVATION SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 16834 Fall water supply summary for Nevada [as of Oct. 1, 1966]; report prepared by Manes Barton and Roy E. Malsor, jr. Oct. 8, 1966. [1]+5 leaves, il. 4° [Prepared in cooperation with Nevada Department of Conservation and Natural Resources Division of Water Resources. Text on p. 3 of cover.] † A 57.46/14: 966
- 16835 Soil survey: Clinton County, Pa. [with list of literature cited; by Walter J. Steputis and others]. Aug. 1966. cover title, ii+141 p. il. 82 p. of pl. and maps, 4° [Prepared in cooperation with Pennsylvania State University, College of Agriculture and Agricultural Experiment Station and Pennsylvania Department of Agriculture, State Soil and Water Conservation Commission. Text on p. 2 of cover. One map is colored.] * Paper, \$4.25. ● Item 102 (Rev. 1957). L.C. card Agr 66-332 A 57.38: C 61
- Soil survey investigations reports. † ● Item 121-A A 57.52: (nos.)
- 16836 2. Soil survey laboratory data and descriptions for some soils of North Dakota. Aug. 1966. [6]+271 p. il. 4° [Prepared in cooperation with North Dakota Agricultural Experiment Station.] L.C. card Agr 66-324
- 16837 3. Soil survey laboratory data and descriptions for some soils of Iowa. Aug. 1966. [4]+81 p. 4° [Prepared in cooperation with Kansas Agricultural and Home Economics Experiment Station.] L.C. card Agr 66-325
- 16838 4. Soil survey laboratory data and descriptions for some soils of Kansas. Aug. 1966. [4]+81 p. 4° [Prepared in cooperation with Kansas Agricultural Experiment Station.] L.C. card Agr 66-327
- 16839 6. Soil survey laboratory data and descriptions for some soils of Arkansas, Louisiana, Missouri. Aug. 1966. [4]+137 p. 4° [Prepared in cooperation with Arkansas, Louisiana, and Missouri Agricultural Experiment Stations.] (Information incorrect in publication as to sale by Superintendent of Documents.) L.C. card Agr 66-326
- 16840 7. Soil survey laboratory data and descriptions for some soils of Montana. Aug. 1966. [4]+159 p. 4° [Prepared in cooperation with Montana Agricultural Experiment Station.] L.C. card Agr 66-328
- 16841 8. Soil survey laboratory data and descriptions for some soils of Wyoming. Aug. 1966. [4]+97 p. 4° [Prepared in cooperation with Wyoming Agricultural Experiment Station.] L.C. card Agr 66-329
- 16842 9. Soil survey laboratory data and descriptions for some soils of Minnesota. Aug. 1966. [4]+79 p. 4° [Prepared in cooperation with Minnesota Agricultural Experiment Station.] L.C. card Agr 66-330

STATE DEPARTMENT
Washington, D.C. 20520

African series. ● Item 862-A

- 16843 45. United States and Africa, unity of purpose [address by President Johnson, made at White House Reception, May 26, 1966, marking 3d anniversary of Organization of African Unity]. [Aug. 1966.] [2]+5 p. 4° ([Publication 8112; Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, June 13, 1966.] * Paper, 10c. L.C. card 66-62452 S 1.116: 45

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] ● Item 862-B

- 16844 Basutoland [with bibliography]. [July 1966.] 4 p. il. 4° ([Publication 8091.]) * Paper, 5c. L.C. card 65-60213 S 1.123: B 29
- 16845 Belgium [with bibliography]. [June 1966.] 4 p. il. 4° ([Publication 8087.]) * Paper, 5c. L.C. card 65-60213 S 1.123: B 41
- 16846 Burundi [with bibliography]. [July 1966.] 8 p. il. 4° ([Publication 8084.]) * Paper, 5c. L.C. card 65-60213 S 1.123: B 95
- 16847 Equatorial Guinea [with bibliography]. [June 1966.] 8 p. il. 4° ([Publication 8025.]) * Paper, 5c. L.C. card 65-60213 S 1.123: Eq 2

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Background notes—Continued

- 16848 Ghana [with bibliography]. [July 1966.] 8 p. il. 4° ([Publication 8089.])
* Paper, 5c. S 1.123 : G 34
L.C. card 65-60213
- 16849 Malawi [with bibliography]. [Revised June 1966.] 4 p. il. 4° ([Publication
7790.]) * Paper, 5c. S 1.123 : M 29/2/966
L.C. card 66-61561
- 16850 Mauritius [with bibliography]. [Aug. 1966.] 8 p. il. 4° ([Publication 8023.])
* Paper, 5c. S 1.123 : M 44
L.C. card 65-60213
- 16851 Muscat and Oman [with bibliography]. [June 1966.] 4 p. il. 4° ([Publica-
tion 8070.]) * Paper, 5c. S 1.123 : M 97
L.C. card 65-60213
- 16852 Portugal [with bibliography]. [May 1966.] 4 p. il. 4° ([Publication 8074.])
* Paper, 5c. S 1.123 : P 83/2
L.C. card 65-60213
- 16853 Southern Rhodesia [with bibliography]. [Aug. 1966.] 4 p. il. 4° ([Publication
8104.]) * Paper, 5c. S 1.123 : So 8r
L.C. card 65-60213

Department and Foreign Service series. ● Item 863

- 16854 134. Social power and social change in contemporary America, address by Ken-
neth B. Clark [before audience of summer interns working in Department
of State, Agency for International Development, and United States In-
formation Agency, July 18, 1966]. [Sept. 1966.] [1]+20 p. ([Pub-
lication 8125; Office of Equal Opportunity, Equal Employment Oppor-
tunity Program, Office of Deputy Under Secretary for Administration.])
[Text on p. 2 of cover.] * Paper, 15c. S 1.69 : 134
L.C. card SD 66-8

General foreign policy series. ● Item 875

- 16855 214. Education for world responsibility, excerpts from plenary session addresses
at National Foreign Policy Conference for Educators held at Department
of State, Washington, D.C., June 16-17, 1966. [Sept. 1966.] [2]+40
p. 4° ([Publication 8129; Office of Media Services, Bureau of Public
Affairs.]) [Reprint from Department of State bulletin, July 18, 1966.]
* Paper, 25c. S 1.71 : 214
L.C. card SD 66-7

Treaties and other international acts series. * Paper, \$10.00 a yr. (approx- imately 150 issues), \$6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10 : (nos.)

- 16856 5946. Treaties, continued application to Tanzania of certain treaties concluded
between United States and United Kingdom, agreement between United
States and Tanzania, effected by exchange of notes dated Dar es Salaam
Nov. 30, and Dec. 6, 1965; [effective Dec. 9, 1963]. [1966.] [2]+3 p.
* Paper, 5c. S 9.10 : (nos.)
L.C. card 66-62570
- 16857 6024. Tracking stations, agreement between United States and Malagasy Re-
public, amending agreement of Oct. 7, 1963, effected by exchange of notes
dated at Tananarive Apr. 27, and May 2, 1966; [entered into force May 2,
1966]. [1966.] [2]+3 p. [French and English.] * Paper, 5c.
L.C. card 66-62330
- 16858 6039. Agricultural commodities, agreement between United States and Israel
signed Washington June 6, 1966; [entered into force June 6, 1966]
with exchange of notes. [1966.] [2]+10 p. * Paper, 10c.
L.C. card 66-62334
- 16859 6041. Agricultural commodities, sales under title 4, agreement between United
States and Sierra Leone, amending agreement of Jan. 29, 1965, as
amended, effective by exchange of notes signed Freetown June 2, 1966;
[entered into force June 2, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62336
- 16860 6044. Agricultural commodities, sales under title 4, agreement between United
States and Indonesia signed Washington, June 28, 1966; [entered into
force June 28, 1966] with exchange of notes. [1966.] [2]+6 p.
* Paper, 5c. S 9.10 : (nos.)
L.C. card 66-62339
- 16861 6046. Atomic energy, cooperation for civil power applications, agreement between
United States and United Kingdom of Great Britain and Northern Ireland
signed Washington, June 2, 1966; [entered into force July 15, 1966].
[1966.] [2]+6 p. * Paper, 5c.
L.C. card 66-62340
- 16862 6047. Mutual defense assistance, agreement between United States and Belgium
amending annex B to agreement of Jan. 27, 1950, effected by exchange
of notes, signed Brussels Apr. 5 and May 26, 1966; [entered into force
May 26, 1966]. [1966.] [2]+3 p. [English and French.] * Paper, 5c.
L.C. card 66-62341
- 16863 6048. Trade in cotton textiles, agreement between United States and Israel,
amending agreement of Nov. 5 and 22, 1963, effected by exchange of
notes, signed Washington June 30, 1966; [entered into force June 30,
1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62342

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16864 6050. Atomic energy, cooperation for civil uses, agreement between United States and United Kingdom of Great Britain and Northern Ireland, amending agreement of June 15, 1965, as amended, signed Washington June 2, 1966; [entered into force July 15, 1966]. [1966.] [2]+2 p. * Paper, 5c.
L.C. card 66-62343
- 16865 6051. Double taxation, taxes on income, convention between United States and Netherlands, modifying and supplementing convention of Apr. 29, 1948, as supplemented, signed Washington Dec. 30, 1965 with exchange of notes dated Washington Apr. 7, and 27, 1966; [entered into force July 8, 1966]. [1966.] [2]+29 p. [English and Dutch.] * Paper, 15c.
L.C. card 66-62577
- 16866 6052. Agricultural commodities, agreement between United States and Pakistan signed Karachi May 26, 1966; [entered into force May 26, 1966] with exchange of notes]. [1966.] [2]+11 p. * Paper, 10c.
L.C. card 66-62578
- 16867 6053. Weather stations, cooperative program on Guadeloupe Island, agreement between United States and France, amending and extending agreement of Mar. 23, 1956, as supplemented and extended, effected by exchange of notes, dated Paris Jan. 12 and July 7, 1966; [entered into force July 7, 1966, effective from June 30, 1965]. [1966.] [2]+3 p. [French and English.] * Paper, 5c.
L.C. card 66-62505
- 16868 6057. Further extension of international wheat agreement, 1962, protocol between United States and other Governments, open for signature at Washington, Apr. 4-29, 1966, [proclaimed by President of United States Aug. 2, 1966; entered into force July 16, 1966 with respect to pt. 1 and pts. 3-7, and Aug. 1, 1966 with respect to pt. 2]. [1966.] [2]+43 p. [English, French, Russian, and Spanish.] * Paper, 20c.
L.C. card 66-62650

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 16869 Citrus fruits, by States, 1964-65 and 1965-66, production, use, value. Oct. 1966. 9 p. 4° (FrNt 3-1 (10-66); Crop Reporting Board.) †
A 92.11/8: 964-66
- 16870 Consumption of commercial fertilizers and primary plant nutrients in United States, year ended June 30, 1965; [by Carol D. Spencer, Walter Scholl and Helen P. Toland]. [June 1966.] 22 p. 4° (SpCr 7 (6-66); Crop Reporting Board.) † ● Item 122-A-2
A 92.37: 965
- 16871 Peanut stocks and processing, seasonal report, Aug. 1965-July 1966, revised. Oct. 1966. 6 p. 4° (GrLg 11-2-1 (1966); Crop Reporting Board.) †
A 92.14/2: 965-66
- 16872 Pig crop report, Sept. 1966. Sept. 21, 1966. 7 p. 4° (MtAn 4 (9-66); Crop Reporting Board.) †
A 92.18/7: 966/3
- 16873 Stocks of hops, Sept. 1, 1966. Sept. 19, 1966. 1 p. 4° (SpCr 2 (9-66); Crop Reporting Board.) †
A 92.30: 966-2

SUBVERSIVE ACTIVITIES CONTROL BOARD Washington, D.C. 20445

- 16874 Reports of Subversive Activities Control Board, v. 4. 1966. [11]+697 p.
* Cloth, \$3.00. ● Item 1097-A
L.C. card 66-60943
Y 3.Su 1: 8-2/4

TARIFF COMMISSION Washington, D.C. 20436

- 16875 Summaries of trade and tariff information, prepared in terms of Tariff schedules of United States (TSUS); schedule 4, Chemicals and related products, v. 3, Inorganic chemicals 2; [Aug. 1966]. 1966. vii+174 p. 4° (TC publication 188.) †
TC 1.26/2: 4/3

TREASURY DEPARTMENT Washington, D.C. 20220

- 16876 Accounting concepts and Federal tax system, remarks by Stanley S. Surrey, Assistant Secretary of Treasury, before 79th annual meeting of American Institute of Certified Public Accountants, Boston, Mass., Oct. 5, 1966. 1966. 21 p. (F-645.) †
T 1.31: Su 7/19

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Department circulars. †

T 1.4/2 : (nos.)

- 16877 530. Regulations governing United States savings bonds, 9th revision, Dec. 23, 1964; amdt. 2. Aug. 16, 1966. 2 p. 4° (Fiscal Service, Bureau of Public Debt.) ● Item 924
- 16878 905. Offering of United States savings bonds, series H, 4th revision, Apr. 7, 1966, 2d amdt.; Aug. 16, 1966. [1966.] 6 p. 4° (Fiscal Service, Bureau of Public Debt.) ● Item 924
- 16879 930, rev. Procedures memorandum 2, amdt. 1, Procedures governing certain foreign currency reservations and conversions. Sept. 20, 1966. 3+ [1] p. 4° (Fiscal Service, Bureau of Accounts.)

Department circulars, public debt series. † ● Item 924 T 1.4/3 : (nos.)

- 16880 5-66. United States of America 5¼ percent Treasury certificates of indebtedness of series A-1967, dated and bearing interest from Aug. 15, 1966, due Aug. 15, 1967. July 28, 1966. 2 p. 4°
- 16881 6-66. United States of America 5¼ percent Treasury notes of series A-1971, dated and bearing interest from Aug. 15, 1966, due May 15, 1971. July 28, 1966. 3 p. 4°
- 16882 Financial management of Federal credit programs in Great Society, remarks of Joseph W. Barr, Under Secretary of Treasury before 3d annual corporate pension conference, New York, N.Y., Oct. 6, 1966. [1966.] 11 p. 4° (F-650.) † T 1.31 : B 27/20
- 16883 National economic objectives, remarks by W. True Davis, Assistant Secretary, at Missouri Bankers Association, St. Joseph, Mo., Oct. 5, 1966. [1966.] 11 p. 4° (F-644.) † T 1.31 : D 29
- 16884 Remarks by Henry J. Fowler, Secretary of Treasury in annual lecture series sponsored by Newcomen Society in North America at United States Coast Guard Academy. New London, Conn., Oct. 14, 1966. [1966.] 10 p. 4° (F-662.) † T 1.31 : F 82/65
- 16885 Remarks of Joseph W. Barr, Under Secretary of Treasury, at international committee meeting of Aerospace Industries Association of America, Inc., Palm Desert, Calif., Oct. 4, 1966. [1966.] 12 p. 4° (F-643.) † T 1.31 : B 27/19
- 16886 Remarks of Joseph W. Barr, Under Secretary of Treasury, at Saint Peters Church, Albany, N.Y., Oct. 16, 1966. [1966.] 5 p. 4° † T 1.31 : B 27/22
- 16887 Remarks of Joseph W. Barr, Under Secretary of Treasury, before 28th annual Building Products Executive Conference at Washington, D.C., Oct. 13, 1966. [1966.] 10 p. 4° (F-661.) † T 1.31 : B 27/21
- 16888 Remarks of Joseph W. Barr, Under Secretary of Treasury, before Home Builders State Association of Iowa annual convention in Cedar Rapids, Iowa, Oct. 21, 1966. [1966.] 9 p. 4° (F-668.) † T 1.31 : B 27/23
- 16889 Remarks of Joseph W. Barr, Under Secretary of Treasury, before municipal tax collectors and treasurers of Virginia Municipal League, 61st annual convention, Richmond, Va., Sept. 20, 1966. [1966.] 10 p. 4° (F-624.) † T 1.31 : B 27/18
- 16890 Statement by Henry H. Fowler, Secretary of Treasury, at meeting with National Industrial Conference Board, New York City, [N.Y.], Sept. 21, 1966. [1966.] 9 p. 4° (F-626.) † T 1.31 : F 82/63
- 16891 Steps toward more rational world economic order, remarks of Henry H. Fowler, Secretary of Treasury of United States and United States Governor of International Monetary Fund, before annual meeting of International Monetary Fund, Washington, D.C., Sept. 28, 1966. [1966.] 14 p. 4° (F-636.) † T 1.31 : F 82/64

UNITED STATES INFORMATION AGENCY

Washington, D.C. 20547

- 16892 English teaching forum, facts and ideas for teacher of English as foreign language, v. 4, no. 4, winter 1966 [articles, with selected bibliography]. [1966.] cover title, 28 p. il. 4° [Plastic recording disc attached to inside of back cover. Text on p. 2 of cover. Includes music and Index of v. 4 (1966).] * Paper, 25c. ● Item 672 IA 1.17 : 4/4

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NOVEMBER 1966

- 16893 26th report to Congress, Jan.-June 1966. [1966.] cover title, 20 p. il. 4° †
 ● Item 672-B
 L.C. card 54-61257 1A 1.1: 26

VETERANS ADMINISTRATION Washington, D.C. 20420

- VA pamphlets. ● Item 988 VA 1.19: (nos.)
 16894 10-35. Physicians in Department of Medicine and Surgery, Veterans Administration. Revised [edition]. [July 1966.] 14+[2] p. il. 4° [Rescission, VA pamphlet 10-35, revised May 1962.] †
 16895 10-85. Theological roots for hospital ministry [papers, with lists of references] by Robert E. Hunt, Leo Jung, Albert L. Meiburg. [1966.] cover title, ii+38 p. [VA Chaplain Workshops 1966.] * Paper, 20c.

VOCATIONAL REHABILITATION ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 16896 Vocational Rehabilitation Administration [annual report, fiscal year 1965]. [1966.] p. 369-393. il. [Reprint from Annual report of Department of Health, Education, and Welfare, 1965.] † PS 13.201: 965

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, D.C. 20210

- 16897 Handy reference guide to Fair labor standards act [as amended]. Apr. 1966. cover title, 13 p. (WHPC publication 1152.) * Paper, 15c.
 ● Item 778-B
 L.C. card L 61-67 L 22.5: F 15/3/966
 16898 Highlights of Fair labor standards act as amended, 1966 (effective Feb. 1, 1967). [1966.] [6] p. folded into narrow 8° size. (WHPC publication 1158.) † ● Item 777 L 22.2: F 15/6/966

Interpretative bulletin, title 29, of Code of Federal regulations.

- 16899 pt. 778. Overtime compensation under Fair labor standards act of 1938, as amended. [1966.] iii+51 p. 4° (WHPC publication 1126.) [Conforms to Code of Federal regulations as of Aug. 19, 1966.] † ● Item 778 L 22.10: 778/11

WEATHER BUREAU, Commerce Dept. Washington, D.C. 20235

- 16900 Daily river stages, v. 59, 1963 [with list of reference notes]; compiled by Office of Hydrology. 1966. iii+163 p. 4° [Prior to 1949 issue, publication was entitled Daily river stages at river gage stations on principal rivers of United States. Includes list of corrigenda.] * Paper, \$1.00.
 ● Item 274
 L.C. card 65-9158 C 30.24: 59

Technical paper. ● Item 281

- 16901 58. Catalog of radar-positioned constant-volume balloon (tetroon) flights; compiled by Air Resources Laboratory. 1966. iii+293 p. il. oblong large 8° * Paper, \$3.25. C 30.28: 58

WELFARE ADMINISTRATION, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 16902 La Administracion de Bienestar y el auxilio social en el mundo. [1966.] [1]+10 p. il. ([Publication 2.]) [Title on cover is: La cooperacion internacional, el aporte de la Administracion de Bienestar.] * Paper, 15c.
 L.C. card HEW 66-162 FS 14.2: In 8/Spanish
 16903 L'Administration des Affaires Sociales et l'action sociale dans le monde. [1966.] [1]+10 p. il. ([Publication 2.]) [Title on cover is La Cooperation internationale, contribution de l'Administration des Affaires Sociales.] * Paper, 15c.
 L.C. card HEW 66-163 FS 14.2: In 8/French

ΦFor Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151
 ●Sent to Depository Libraries

Page 83

GOVERNMENT PUBLICATIONS

- 16904 Neighborhood legal services, new dimensions in law, report, prepared by Jane Handler; Leora Wood Wells, editor. 1966. vii+79 p. ([JD-7001, Legal series]; Office of Juvenile Delinquency and Youth Development.) * Paper, 35c. ● Item 532-A-7
L.C. card HEW 66-156 FS 14.17/3 : N 31
- 16905 Portrait of median city, capsule view of social welfare programs in United States: by Frances A. Koestler. [1966.] iii+47 p. ([Publication 16.]) * Paper, 25c. ● Item 532-A-1
L.C. card HEW 66-155 FS 14.2 : M 46/2
- 16906 Summeries of training grants awarded, Sept. 1964-Sept. 1965. [1966.] [20] leaves, 4° (Office of Juvenile Delinquency and Youth Development.) †
FS 14.2 : T 68/3/964-65

WOMEN'S BUREAU, Labor Dept. Washington, D.C. 20210

- 16907 Divorce laws as of July 1, 1966. [1966.] 2 leaves, oblong 8° ([WB 67-47.]) †
L 13.6/5 : 966
- 16908 Fact sheet on educational attainment of nonwhite women. [June 1966.] 2 p. 4° ([WB 66-408.]) †
L 13.2 : Ed 8/6
- 16909 Fact sheet on trends in educational attainment of women. [Apr. 1966.] 2 p. 4° ([WB 66-292.]) †
L 13.2 : Ed 8/5/966
- 16910 Marriage laws as of July 1, 1966. [1966.] 1 p. narrow f° (WB 67-46.) †
L 13.6/4 : 966
- 16911 Remarks by Mary Dublin Keyserling, director, Women's Bureau, Department of Labor, 3d National Conference of Commissions on Status of Women, Panel of Labor Standards and Equal Employment Opportunity for Women, June 29, 1966, Washington, D.C. [1966.] 6 leaves, 4° †
L 13.12 : K 52/22
- 16912 Shortage or surplus? assessment of Boston womanpower in industry, Government, and research, report of conference sponsored by Division of Continuing Education, Boston University, Massachusetts Department of Labor and Industries, Women's Division, Massachusetts Department of Commerce, Women's Bureau, U.S. Department of Labor, held at Boston University, Boston, Mass., June 7 and 8, 1963. n.d. vii+70 p. il. 4° [Title on cover is: Report of conference on shortage or surplus? assessment of Boston womanpower in industry, Government, and research, held at Boston University, Boston, Mass., June 7 and 8, 1963.] ‡
L 13.2 : W 84/45
- 16913 What equal pay principle means to women, some pertinent questions and answers. Aug. 1966. 4 p. 4° ([WB 67-62.]) † L 13.2 : Eq 2/16/966
- 16914 Women workers in Minnesota, 1960. Revised [Sept. 1966]. [1966.] 14 p. 4° ([WB 67-76.]) †
L.C. Card L 64-17 L 13.22 : M 66/960-3

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Index

MONTHLY CATALOG NOVEMBER 1966

NOTE.—*Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.*

A

- A.E.C., *see* Atomic Energy Commission.
A.P.R.O., *see* Army Personnel Research Office.
A.R.S. series, 15434
Abbott, Donald I., relief, 15691, 15811
Ablating materials:
 computer simulation program, adaptable to industrial processes, 16641
 heat-shield, high-velocity impact craters in, determination of temperature and material effects, 16689
Absorption coefficients, seismic waves, dependence on frequency, 16444
Academic awards, *see* Rewards (prizes, etc.).
Academic degrees, *see* Degrees (colleges, universities, etc.).
Academy of Sciences, Belorussian SSR, annual general meeting, 16419
Academy of Sciences, Bulgaria, proceedings, 16465
Academy of Sciences, Hungary, academic awards and degrees, directive, 16481
Academy of Sciences, USSR, general meeting, 16447
Acceleration, pulse, nitrous exchange in brain of rats during action of, USSR study, 16421
Accelerators:
 coaxial Hall current, at moderate pressures, 16648
 Emperor Tandem, dedication (remarks), 15541
Accident insurance, credit, for student loans, increase maximum amount allowable in D.C., report, 15852
Accidents, *see* Aircraft accidents—Motor vehicle accidents.
Accountants, District of Columbia certified public accountancy act of 1966, law, 15751
Accounts and accounting:
 accounting concepts and Federal tax system (remarks), 16876
 Federal agencies, adjustments between appropriations, authorize, law, 15698
 see also Auditing.
Accumulators, signal, USSR study, 16501
Acids:
 electrochemical analysis by emf, conductance, optical and kinetic methods, 16717
 mine water, application of saline water conversion processes, 16374
Ackerberg, Robert C., interaction of 2-dimensional jet with parallel flow, 15522
ACR series, 16753
Actions at law, establish statute of limitations for certain actions brought by Government, report, 16087
 see also Civil procedure—Habeas corpus.
Acts of Congress, *see* Law.
Actuarial notes, 16829
Acuity, visual, and control aspects of saccadic eye movements, 16594
Adams, John G., remarks, Oct. 17, 1966, 15618
Addicott, W. O., late Pleistocene marine paleoecology and zoogeography in central California, 16361
Additives:
 confectionery, amend food, drug, and cosmetic act, law, 15702
 dispersant, and cement, effect on hydraulic backfill, laboratory study, 16576
Addresses, lectures, etc.:
 by—
 Adams, John G., 15618
 Barr, Joseph W., 16882, 16885-889
 Bridwell, Lowell K., 15654
 Brimmer, Andrew F., 16281, 16286
 Clark, Kenneth B., 16854
 Connor, John T., 15641, 15655-656
 Crafts, Edward C., 16773
 Davis, W. True, 16883
 Fazar, Willard, 15561
 Foley, Eugene P., 15639-640
 Fowler, Henry H., 16884, 16890-891
 Freedman, Alfred M., 16790
 Gilliland, Whitney, 15612
 Goodwin, Robert C., 16244
 Gulick, James W., 16549
 Haddon, William, jr., 15660
 Hollomon, J. Herbert, 15658-659
 Howe, Harold, II, 16228, 16238
 Keyserling, Mary D., 16911
 Maisel, Sherman, J., 16283
 Minetti, G. Joseph, 15611
 Mitchell, George W., 16282, 16287
 Morton, James G., 15653
 Murphy, Charles S., 15616-617
 O'Brien, Lawrence F., 16775-778
 Owens, James M., 15562
 President Johnson, 16843
 Seaborg, Glenn T., 15540-545
 Shaw, William H., 15642, 15644, 15652, 15657
 Smith, A. Howard, 15635
 Surrey, Stanley S., 16876
 Weaver, George L-P, 16511-512
 Whitton, Rex M., 16814
 lecture preparation guide, instructive communication, 16803
MA SP series, 16549
National Foreign Policy Conference for Educators, excerpts from addresses, 16855
Adjustment Board, National Railroad, *see* National Railroad Adjustment Board.
La Administracion de Bienestar y el auxilio, social en el mundo, 16902
L'Administration des Affaires Sociales et l'action sociale dans le monde, 16903
Administrative management:
 elementary school programs for disadvantaged children, 16225
 medical administration, USSR study, 16469
Administrators, Air Force Department, civilian career opportunities, 15485
Adsorption, *see* Heat of adsorption.
Advertising, essential element of our economic success home and abroad (remarks), 15656

INDEX

- Advisory Commission on Intergovernmental Relations:
 - act establishing, amend, report, 15920
 - appropriations 1967, law, 15699
 - unshackling local government, survey of proposals, report, 15843
- Advisory Council on Historic Preservation, establish, report, 15892
- Advisory Council on State Departments of Education, annual report, 16234
- AEC, *see* Atomic Energy Commission.
- Aerial photography, maps, status, 15439
- Aerial radiological monitoring systems, handbook, 15621
- Aerodynamics:
 - model for low-altitude rocket exhaust plume, 16762
 - tension shell shapes at Mach 3.0, 16690
 - see also* Drag (aerodynamics)—Flow—Wings (aircraft).
- Aeronautics:
 - aviation personnel, problems, influence of tranquilizer on temperature regulation in man, 15556
 - Federal aviation act—
 - amend, report, 16105
 - rule making procedures, FAA regulations, 16257
 - Federal aviation regulations, 16257–265
- Aerospace Medical Division, technical report, 15481
- Aerospace medicine, *see* Medicine.
- AFL-CIO, *see* American Federation of Labor and Congress of Industrial Organizations.
- Africa:
 - African series, 16843
 - contributions to hydrology of Africa and Mediterranean area (series), 16362
 - East, foreign trade regulations, 15646
 - labor organizations, directories, 16384
 - market indicators, 15645
 - United States and Africa, unity of purpose (address), 16843
 - see also* South Africa.
- Afterbodies, Apollo, heat transfer and pressure with and without ablation, 16683
- Aged:
 - medicare health benefits can help you if you are about 65, 16831
 - supplementary medical insurance, enrollment, July 1, 1966, 16829
 - see also* Aging.
- Aging:
 - medical research on, better management needed, report, 15929
 - patient, disease detection in persons over 45, office evaluation, 16806
- Agostino, Rosa, relief, 16052
- Agrarian reforms, *see* Land reforms.
- Agricultural commodities, *see* Agricultural products.
- Agricultural credit, Bankhead-Jones farm tenant act, amend, report, 15916
- Agricultural extension specialist, examination announcement, amdt., 15627
- Agricultural insurance, crop insurance fieldman and supervisor, examination announcement, amdt., 15627
- Agricultural market reporters, examination announcement, 15626
- Agricultural marketing specialist, examination announcement, 15626
- Agricultural products:
 - agricultural commodities, agreement with—
 - Indonesia, 16860
 - Israel, 16858
 - Pakistan, 16866
 - Sierra Leone, 16859
 - grader, examination announcement, amdt., 15627
 - import and export, Secretary of Agriculture to report to Congress each year certain information, hearings, 16183
 - marketing research reports, 15448–449
 - producers, marketing act of 1966, hearings, 16168
- Agricultural products—Continued
 - production research report, 15477
 - promote international trade, extend—
 - Public law 480, etc., report, 15927
 - roadside stand, building plans, 15455
 - sale under Public law 480 to countries trading with North Vietnam, law, 15735
- Agricultural Research Service, ARS series, 15434
- Agricultural trade development and assistance act of 1954:
 - extend, etc., report, 15927
 - sale of agricultural commodities to nations trading with North Vietnam, law, 15735
- Agriculture:
 - act of 1949, amend, hearing, 15951
 - agricultural economic report, 16224
 - agriculture handbook, 15440
 - agriculture information bulletin, 15441
 - balance sheet, 15441
 - food costs, farm prices, compilation, 15954
 - Foreign Agricultural Service, miscellaneous FAS-M series, 16319
 - liming soils, aid to better farming, 15442
 - producers associations, unfair practices affecting, hearings, 16168
 - research, symposium, 15480
 - United Arab Republic development, Soviet review, 16416
- Agriculture and Forestry Committee, Senate:
 - hearings, 16168–169
 - reports, 16152–153
- Agriculture Committee, House:
 - committee print, 15954
 - hearings, 15951–953
 - reports, 15912, 15916
- Agriculture Department:
 - appropriations, 1967, law, 15735
 - commodity distribution program, 15470
 - consumer expenditure survey report, 15438
 - leaflets, 15446–447
 - marketing research reports, 15448–449
 - meat inspection regulations, 16203
 - miscellaneous publications, 15450–456
 - PA [program aid] series, 15457–460
 - production research report, 15477
 - regulatory and enforcement activities relating to small business, hearings, 15990
 - role in resource conservation, 15460
 - screw-worm eradication in Mexico, authorize Secretary of Agriculture to cooperate with Mexican Government—
 - hearing, 16169
 - law, 15711
 - services, consumer's guide, 15451
 - statistical bulletins, 15478–479
- Agullana, Margarita L., relief, 16026
- AIB series, 15441
- Air, radiant energy transfer measurements, 16601
- Air carriers:
 - accidents, statistical review and resume, 15614
 - cargo service development, etc. (remarks), 15618
 - freight transportation, development, etc. (address), 15611
 - transportation—
 - and constant economic improvement for public at lower prices (remarks), 15617
 - international tourism, and economic development (remarks), 15612
 - U.S.-international air transportation, strengthen, report, 16105
- Air crews, *see* Flight crews.
- Air Force:
 - airman qualifying examination, comparison with differential aptitude tests, 15488
 - male nurses and medical specialists, Regular Air Force commissions, authorize, law, 15776

- Air Force—Continued**
officers—
 provide promotion opportunities—
 law, 15773
 reports, 15839, 15860, 16128
 selection and classification tests, 1966,
 development, 15487
 planning and conducting on-the-job train-
 ing, guide, manual, 15482
Air Force Academy, Colo.:
 cadets, incoming, periodontal status, 15493
 candidates for appointment, selection,
 amend U.S. code, report, 16164
Air Force Department:
 Air Force manuals, 15482-484
 Air Force pamphlets, 15485-486
 aircraft engines, management in ground
 training programs, GAO follow-up re-
 view, 16343
 AMD technical report, 15481
 careers for civilians, scientists, engineers,
 etc., 15485
 Personnel Research Laboratory, technical
 reports, 15487-488
Air pollution:
 clean air act, amendments—
 hearing, 15982
 report, 15946
 control, programs, appropriations, au-
 thorize—
 hearing, 15982
 report, 15946
Air speed, supersonic, roughness drag, 16669
Air traffic, control, in these hands, 16268
Air transportation, see Air carriers.
Aircraft:
 certification procedures for products and
 parts, Federal aviation regulations,
 16258
 civil, aircraft register, 16270
 firefighting and rescue operations, Army
 technical manual, 15515
 general aviation—
 inspection aids, summary, 16266
 study and 1975 forecast of fleet and its
 use, 16267
 general operating and flight rules, Federal
 aviation regulations, 16263
 swept wing-body model, wing leading-edge
 shape effect on aerodynamic character-
 istics, 16691
 Tu-144 supersonic, USSR, comments,
 16484
 V/STOL, tilt-wing transport, powered 1/8-
 scale model, static and dynamic longi-
 tudinal stability derivatives, 16670
 wing-body combinations, aerodynamic center
 combinations, 16662
 see also Airplanes—also names of aircraft
 parts, e.g., Wings (aircraft).
Aircraft accidents:
 air carriers, statistical review and resume,
 15614
 crashes, predominant causes and recom-
 mended therapy, 15554
 physician flight accidents, 15559
**Aircraft simulators, general purpose airborne
 simulator conceptual design report, 16591**
**Airdrop of supplies and equipment, 15517-
 518**
Airmen:
 on-the-job training, guide for planning and
 conducting, 15482
 other than flight crewmembers, certifica-
 tion, Federal aviation regulations,
 change, 16262
 qualifying examination, comparison with
 differential aptitude tests, 15488
Airplanes:
 airworthiness standards, normal, utility,
 and acrobatic category, Federal aviation
 regulations, 16259
 low-aspect-ratio—
 delta-winged model equipped with
 sharp-edged strakes, wind-tunnel tests,
 16684
Airplanes—Continued
 low-aspect-ratio—Continued
 wings, ground effects related to landing,
 16663
 single-engine, private pilot flight test guide,
 16317
 sonic-boom characteristics, proposed super-
 sonic and hypersonic airplanes, 16667
 supersonic, wave drag at lifting conditions,
 analysis, 16666
Airports:
 Federal act, amend, report, 15940
 Federal aid program, Federal aviation
 regulations, 16264
 grants-in-aid provisions, extend time, re-
 port, 15940
 lighting—
 approved equipment, 15496
 installation details for centerline and
 touchdown zone lighting systems,
 15497
 national parks, etc., authorization, in-
 crease, report, 16095
 terminal instruments procedures
 (TERPS), U.S. standards, 16255
 see also names of places where located.
 Airways, user charges, proposed legislation,
 hearings, 15996
 Airworthiness, see Airplanes.
 Alabama, congressional districts, 90th Con-
 gress, 15602
 Alashan Desert, Inner Mongolia, region types,
 16495
Alaska:
 Sashin Creek, spawning pink salmon, dis-
 tribution and survival of progeny, 16313
 soils of Okpilak River region, development
 under Arctic environment, 15506
 Alaska, University of, see University of
 Alaska.
 Albo, Jacobo, see Maya, Jacobo A.
 Alcohol, laws enforced by Alcohol and To-
 bacco Tax Division, 16380
 Alcohol and Tobacco Tax Division:
 laws enforced, guide for law enforcement
 officers, 16380
 what you should know about it, 16382
 Alcoholic beverages, see Liquors.
 Algebra, solution of ordinary differential
 equations by means of Lie series, 16592
 Alignment tool facilitates pin placement on
 irregular horizontal surfaces, 16633
All-Union:
 NOTE.—For headings beginning
 All-Union, see Union of Soviet
 Socialist Republics.
 Allegheny Airlines, Inc., accident, 15613
 Allegheny Reservoir:
 designate—
 law, 15769
 report, 16126
 Allegheny River:
 Kinzua Dam-Allegheny Reservoir, desig-
 nate—
 law, 15769
 report, 16126
 Allen, Harry C., jr., research on crystal
 growth and characterization at National
 Bureau of Standards, 16716
 Allen, Mary E., aviation medicine reports,
 annotated catalog, 15553
 Allen, Philip T., balance sheet of agriculture,
 15441
 Allowances, see Pay, allowances, etc.
Alloys:
 electric pulse machining, USSR study,
 16477
 internal friction, USSR study, 16492
 see also names of metals, etc.
 Alphabet, standard alphabets for highway
 signs, reference guide, 16815
Aluminum:
 alloy research in USSR, 16461
 etching thick layers, system to minimize
 bridging, etc., 16623
 Aluminum foil, converted, current industrial
 reports, 15581

INDEX

- Alvarez-Gomez, Anselmo S., relief, 16056
 AM series, 15553-559
 annotated catalog, 15553
 Amat, Alberto Fernandez-Bravo y, *see*
 Fernandez-Bravo y Amat, Alberto.
 AMD, *see* Aerospace Medical Division.
 America:
 beautifying America begins at home, 15469
 dilemma of progress, prosperity, etc., on
 physical condition of our country
 (remarks), 16773
 American Battle Monuments Commission:
 appropriations, 1967—
 hearings, 15955
 report, 15938
 American Ethnology Bureau, bulletin, 15498
 American Federation of Labor and Congress
 of Industrial Organizations, agreement
 with Post Office Department, 16779
 American policy, *see* International relations.
 American Revolution Bicentennial Commis-
 sion, establish, report, 16084
 Amplifiers:
 audio, linear class B, output-power ca-
 pability, load-impedance and waveform
 effects analysis, 16758
 remote preamplifier circuit maintains
 stability over wide temperature range,
 16646
see also Fluid amplifiers.
 Analog computers, *see* Electronic computers.
 Ancient Arabic Order of Nobles of Mystic
 Shrine, regulations for 1967 convention,
 report, 15854
 Anderson, Arthur, relief, 15801
 Anglo, Luis, relief, 15823
 Animals:
 drug amendments of 1966, report, 15944
 NIH standard animal care equipment,
 16805
see also Game and game birds.
 Animas-La Plata project, Interior Dept.
 report, 15782
 Annette Island, Alaska, airport, Federal
 aviation regulations, 16265
 Annuities:
 payable from Foreign Service retirement
 and disability fund, increase, report,
 16157
 railroad retirement act—
 adjustments, report, 15947
 supplemental, report, 15945
 Anrich, Rafael, relief, 15678
 Antarctic regions:
 radio rangefinders, experience in working
 with, USSR study, 16482
 Soviet research in Antarctica during
 1956-66, 16445
 Antennas, near-zone field, plasma effects,
 16616
 Anthocephalus cadamba, *see* Cadam.
 Anthracite mines, *see* Coal mines and mining.
 Anthrax, bacillus, variability in natural
 conditions, USSR study, 16423
 Antibiotics, treatments for control of
 comandra rust on lodgepole pine, evalua-
 tion, 15436
 Antimony, lead-antimony grid alloys, inter-
 granular corrosion, investigation, 16763
 Antitrust Division, regulatory and enforce-
 ment activities relating to small business,
 hearings, 15990
 Aorta, blood velocity computed from pressure
 pulse, 15495
 Apollo project, *see* Project Apollo (man-in-
 space program).
 Appalachian region:
 growing vegetables, 15445
 hillside pasture, basic information, 15447
 strip and surface mining study, report,
 16379
 Appalachian Regional Commission, report of
 Health Advisory Committee, 15499
 Apprentices:
 bricklaying apprenticeship, program and
 standards, 15501
 national apprenticeship program, 15500
 Appropriations:
 general Government matters, 1967, con-
 tinue—
 law, 15704
 report, 15856
 legislative, 1967—
 hearings, 16171
 law, 15727
 supplemental, 1967, hearings, 15960
see also Government offices—*also* subjects,
 or names of departments, etc., for which
 appropriations are made.
 Appropriations Committee, House:
 hearings, 15955-960
 reports, 15856, 15907-908, 15914-915,
 15938
 Appropriations Committee, Senate:
 hearings, 16170-173
 reports, 16090, 16094, 16151, 16159, 16165
 APRO, *see* Army Personnel Research Office.
 Aptitude tests:
 differential tests, comparison with airman
 qualifying examination, 15488
 general test battery, manual—
 norms, occupational aptitude pattern
 structure, 16246
 norms, specific occupations, 16247
 officer selection and classification tests,
 1966, development, 15487
 Archeology:
 publications in salvage archeology, 16827
 publications, price list, 16787
 salvage, Fire Heart Creek site, 16827
 Architect of Capitol:
 appropriations, 1967, legislative—
 hearings, 16171
 law, 15727
 Area measurement reports, 15563
 Area redevelopment, *see* Redevelopment (city
 planning, etc.).
 Area wage surveys, *see* Wages.
 Ares y Fernandez de Bosch, Myriam, *see*
 Bosch, Myriam.
 Arizona:
 California boundary compact, consent of
 Congress, law, 15714
 congressional districts, 90th Congress,
 15608
 Arkansas:
 census of manufactures, 1963, area statis-
 tics, 15567
 congressional districts, 90th Congress,
 15601
 soil survey laboratory data and descrip-
 tions, 16839
 Arkansas Post National Memorial, develop-
 ment, increase authorization, law, 15713
 Armed Forces:
 civilian and military personnel, imported
 household and personal effects, customs
 requirements, 16205
 health benefits program for retired mem-
 bers and dependents, report, 16091
 Marine troop leaders guide, 16547
 methods for improving enlisted input, cur-
 rent research activities, 15524
 obstructing in time of undeclared war,
 make punishable, hearings, 15994
 savings, deposits of member serving outside
 U.S., improve program, law, 15721
 servicemen, 5-cent commemorative postage
 stamp (poster), 16783
 trophies, award, authorize, law, 15712
 women officers, remove promotion restric-
 tions, etc., amend U.S. Code, report,
 15949
see also Pay, allowances, etc.
 Armed Forces Industrial College, *see* Indus-
 trial College of Armed Forces.
 Armed Forces Information and Education,
 DOD pamphlet, 15502
 Armed Forces Institute:
 correspondence courses offered by colleges
 and universities, etc., DOD pamphlet,
 15502
 supply announcements, 16215

- Armed Services Committee, House :
hearings, 15962
reports, 15838-839, 15861, 15949, 15961
- Armed Services Committee, Senate :
hearings, 16174-176
reports, 16089, 16091, 16128, 16164
- Armed services papers, 15961-962
- Arms Control and Disarmament Agency :
appropriations, 1967—
hearings, 15955
report, 15938
- Army :
personal affairs handbook, pamphlet, 15512
procurement legal service, pamphlet, 15513
- Army Aviation Materiel Laboratories, technical reports, 15522-523
- Army Department :
appropriations, 1967, public works—
hearings, 16173
reports, 15914, 16165
Army regulations, 15504
financial statements of Columbia River
Federal Power System, GAO report, 16342
pamphlets, 15511-513
technical bulletin, 15514
technical manuals, 15515-521
- Army Personnel Research Office, USAPRO
technical research reports, 15524-525
- ARS series, 15434
- Arsonium compounds, mercurated salts, USSR study, 16415
- Art, *see* Paintings.
- Arts and Industries Building, Smithsonian Institution, guide book, 16824
- Asia :
health information for travel, 16795
Pacific Coast, tidal current tables, 15638
southeast, investment information and opportunities, 16383
United States policy, report, print as House document, report, 16099
- Asimov, Isaac, genetic effects of radiation, 15547
- Aspect ratio, *see* Wings (aircraft).
- Associations, *see* Educational associations.
- Asthma, general information, 16797
- Astronautics, space flight, investigations and research summary, 16712
- Astronomy, USSR determinations, 16453
- Atheism, USSR, promoting among children, 16392
- Athlete's foot, general information, 16796
- Atlantic Tunas, International Convention for Conservation, *see* International Convention for Conservation of Atlantic Tunas.
- Atlantida, case study in household sample surveys, 15596
- Atmosphere :
flammable, temporary lights, maritime safety data, 16523
flammable, temporary, portable, shipboard ventilation for control, maritime safety data, 16524
radioactive equilibrium extent between radon and its short-lived daughter products, 16757
turbulence research, USSR study, 16462
- Atmospheric entry :
ablative heat-shield materials, high-velocity impact craters in, determination of temperature and material effects, 16689
Apollo infrared acquisition and tracking system, 16649
heat transfer, convective and radiative, during superorbital entry, 16600
nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
- Atomic auxiliary power generators, SNAP nuclear space reactor, principles and uses, 15551
- Atomic energy :
act of 1954, amend—
hearings, 15778
reports, 15913, 15926, 16135
cooperation for civil power applications, agreement with United Kingdom, 16861, 16864
IAEA's activities in peaceful uses of nuclear energy (remarks), 15543
nuclear energy for desalting, 15548
nuclear progress at Yale (remarks), 15541
products, current industrial reports, 15590
single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
training demonstrations about principles and beneficial uses of nuclear energy, 15544
understanding the atom series, 15547-551
- Atomic Energy Commission :
AEC research and development reports, 15526-539
contractors operating facilities, savings through increased purchasing from GSA supply sources, GAO report, 16346
film catalog (16 mm), popular level, 15552
indemnity provisions of act of 1954, amend—
hearings, 15778
reports, 15913, 15926, 16135
procurement and utilization of security covers for nuclear weapons, GAO review, 16349
selling to AEC, 15546
- Atomic Energy Joint Committee :
hearings, 15778
reports, 15913, 16135
- Atomic warfare, nuclear fire, defending United States from, national fire coordination study, 16320
- Atoms :
Atoms in Action Nuclear Science Demonstration Center, research and teaching program (remarks), 15544
empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715
understanding the atom series, 15547-551
- Attitude control, *see* Satellites.
- Audio amplifiers, *see* Amplifiers.
- Audiology :
impaired auditory mechanism, monaural versus binaural discrimination for filtered CNC materials, 15491
speech discrimination, expanded test using CNC monosyllabic words, Northwestern University auditory test, 15489
- Auditing :
audits of Government contracts, by GAO, 16340
Disabled American Veterans accounts, by GAO, report, 15900
- Australia, health information for travel, 16795
- Automatic data processing equipment, *see* Electronic data processing systems.
- Automatic machinery, man and automatic machines, USSR study, 16472
- Automation :
automated production control systems, USSR developments, 16399
automatic merchandising, bibliography, 16822
- Autopsy, processing and storage of viable human tissues, 16808
- Avery, James P., Green's function approach to vibration of thin spherical shell segments, 16611
- Aviation, *see* Aeronautics—Aircraft.
- Aviation accidents, *see* Aircraft accidents.
- Aviation medicine, *see* Medicine.
- Aviators :
flight navigators, certification, Federal aviation regulations, 16261

INDEX

Aviators—Continued
pilots and flight instructors, certification,
Federal aviation regulations, 16260
private pilot, single-engine airplane, flight
test guide, 16317
Awards (arbitration):
National Railroad Adjustment Board,
16739
Awards (incentive), *see* Rewards (prizes,
etc.).
Axilrod, Benjamin M., empirical and semi-
empirical interatomic and intermolecular
potentials, survey, 16715

B

Bacillus anthracis, variability in natural
conditions, USSR study, 16423
Backfills, *see* Hydraulic mine filling.
Bail, agency, establish in D.C., law, 15709
Baker, H. R., surface-chemical displacement
of bulk water from solid surfaces, 16756
Bakers and bakeries, baking industry, orga-
nization and competition, 16729
Baking, *see* Bakers and bakeries.
Balance of payments:
education, research and development and
United States balance of payments
(remarks), 16885
monetary policy and U.S. balance of pay-
ments (remarks), 16281
problems and their solution (remarks),
15657
Balance sheet, *see* Finance.
Balloons:
hot-air, use for booster recovery, 16705
radar-positioned constant-volume balloon
(tetraon) flights, catalog, 16901
Baltic Sea, lights and fog signals, list,
change, 16747
Baltic States, status, report, 16136
Bands (music):
District of Columbia Police Department
band, include members of Fire Depart-
ment, etc., report, 15872
Bankhead-Jones farm tenant act, *see* Agri-
cultural credit.
Banking and Currency Committee, House:
hearings, 15963-964
reports, 15840, 15846, 15897, 15937
Banking and Currency Committee, Senate:
committee print, 16177
hearings, 16178-179
reports, 16079, 16101, 16131
Banks and banking:
commercial bank liquidity, paper, 16278
financial institutions supervisory act of
1966—
hearings, 15963
report, 16101
insured banks, maximum rates of interest
paid, regulation—
law, 15764
report, 16131
see also State banks.
Barite, minerals yearbook chapter, 16553
Barns, saddle horse, farm building plan,
15454
Baroch, Charles T., uranium, 16587
Baron, Sheldon, differential games and
manual control, 16704
Barr, Joseph W.:
remarks—
Sept. 20, 1966, 16889
Oct. 4, 1966, 16885
Oct. 6, 1966, 16882
Oct. 13, 1966, 16887
Oct. 16, 1966, 16886
Oct. 21, 1966, 16888
Barton, Manes, fall water supply summary
for Nevada, 16834
Bases (chemistry):
electrochemical analysis by emf, conduct-
ance, optical, and kinetic methods,
16717

Basutoland, background notes, 16844
Bates, Roger G., electrochemical analysis,
studies of acids, bases, and salts by emf,
conductance, optical, and kinetic methods,
16717
Batteries (tests), *see* Aptitude tests.
Battle of the bush, 15471
Baumal, Allan, relief, 15830
Bayroff, A. G., methods for improving en-
listed input, current research activities,
15524
Beams, *see* Ion beams.
Beautification:
America, 5-cent commemorative postage
stamp 1st day ceremony (remarks),
16784
beautifying America begins at home, 15469
Beceiro, Daniel Pernas, *see* Pernas Beceiro,
Daniel.
Beckman, Theodore N., wholesaling, 16820
Beetles, khapra beetle, foreign menace, de-
scription, control, etc., 15475
Belgium:
background notes, 16845
mutual defense assistance, agreement,
16862
Belgrade, Yugoslavia, new laboratory for
electric machines in electrical engineer-
ing faculty, 16498
Bell, Winifred, public welfare demon-
stration projects focus on education for AFDC
youth, 16253
Belleck, Joseph K., relief, 15668, 16009
Belorussian Soviet Socialist Republic, Acad-
emy of Sciences, annual general meeting,
16419
Benach Carreras, Bienvenido, relief, 15827
Bennett, Eugene J., relief, 16010
Bernett, Marianne K., solution systems for
displacing of organic liquids from solid sur-
faces, 16768
Bertin, John J., effect of protuberances, etc.,
on pressure and heat-transfer distribution
for Apollo command module, 16647
Beryllium:
minerals yearbook chapter, 16554
recovery from fluoferrate leach residue,
16584
Bettendorf, Edna S., relief, 16043
Bezates, Lambrini, *see* Bezates, Theodora.
Bezates, Theodora, relief, 16054
Biasing effect of random bit errors on binary
telemetry data, 16652
Bibliography:
aerospace medicine and biology, 16622
automatic merchandising, 16822
disadvantaged children, educating in ele-
mentary school, 16229
distribution cost analysis, 16819
education, literature of profession, 16231
guide for professional reading for officers
of Navy and Marine Corps, 16750
high-temperature kiln drying of lumber,
16336
mass spectroscopy, 15533
North American geology, 16357
productivity, 16536
small business, 16819-822
sporting goods, 16821
terrestrial impact structures, 16356
wholesaling, 16820
Big game, *see* Game and game birds.
Bills (congressional):
armed services, hearings on miscellaneous
bills, 16175-176
Biloxi, Miss., transfer land to city, report,
16144
Biography, *see* subjects of biographical
sketches.
Biological Laboratory, Galveston, report,
16298
Biological sciences, *see* Biology.
Biological Station, St. Petersburg Beach,
Fla., report, 16297

- Biology:**
aerospace, bibliography, 16622
biological control systems, critical review and evaluation, 16598
simulation, USSR study, 16475
Soviet biological science, news, 16451
- Birds:**
birds in our lives, 16293
Blackbeard Island National Wildlife Refuge, list, 16309
Chincoteague National Wildlife Refuge, list, 16305
Harris Neck National Wildlife Refuge, list, 16308
Mattamuskeet and Swanquarter National Wildlife Refuges, list, 16303
Medicine Lake National Wildlife Refuge, list, 16306
Pea Island National Wildlife Refuge, list, 16304
Squaw Creek National Wildlife Refuge, list, 16307
- Birks, L. S.**, characterization of particulate matter in ocean, 16767
- Bismuth**, monotonic magnetostriction, 16674
- Bizon, Peter T.**, elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
- Blackbeard Island National Wildlife Refuge**, birds, list, 16309
- Blade, O. C.**, burner fuel oils, 15669
- Blasting**, presplitting rock in presence of static stress field, 16586
see also Explosives.
- Blister rust**, *see* Comandra blister rust.
- Block signals**, automatic systems, installation, maintenance, and repair, rules, standards, and instructions, 16385
- Blood:**
aortic, velocity computed from pressure pulse, 15495
hematogenic service in USSR, present and future development, 16443
hematology and blood transfusion advances, USSR studies, 16427
- Blood pressure**, systolic and diastolic, aeromedical assessment without direct arterial puncture, 15558
- Blood transfusion**, *see* Blood.
- BLS report series**, 16527-528
- Bodies of revolution**, pointed, linearized supersonic flow about, analysis by method of characteristics, 16639
- Body temperature**, influence of tranquilizer on temperature regulation in man, problems in aviation personnel, 15556
- Body weight**, control yours, 16792
- Boiling**, in discrete bubble region, effects of subcooling and gravity level, 16651
- Boiling water reactors**, *see* Reactors (atomic).
- Boland, John V.**, Construction Co., relief, 16031
- Bolts and nuts**, rock bolts under combined loading, yield and ultimate strengths, 16585
- Bonds**, revenue, issued by TVA, increase amount, law, 15720
- Bonds of United States**, retirement of \$30 billion of Government bonds held by Federal reserve banks, hearings, 15964
- Bonner, F. T.**, survival and 1st-year growth of hardwoods planted in saturated soils, 16335
- Bonneville Power Administration**, appropriations, 1967, hearings, 16173
- Bonus power station**, *see* Nuclear reactor power plants.
- Books**, children's, selected list, 16223
see also Textbooks.
- Boosters (rocket)**, *see* Rockets.
- Boring**, horizontal mill, use of precision leveling jacks to expedite setup time, 16634
- Bosch, Myriam**, relief, 15829
- BOSSR series**, 15614
- Boston, Mass.**, womanpower, shortage or surplus? assessment in industry, Government, and research, conference report, 16912
- Botanic Garden:**
appropriations, 1967, legislative, law, 15727
employees retirement benefits, correct inequity, law, 15771
- Bothnia**, Gulf of, lights and fog signals, list, change, 16747
- Botulism**, clostridium, source of toxin in fish, USSR study, 16486
- Boulder County, Colo.**, land conveyance to W. F. Stover, 16028
- Boule flotation**, *see* Flotation.
- Boundary layer:**
grit-type transition trips, use on wind-tunnel models, 16660
nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16397
turbulent, 60° and 70° swept delta wings, heat-transfer and pressure distributions, 16697
- Boure, J.**, hydrodynamic instabilities limiting power of boiling water reactors, 15330
- Bowles, Gladys K.**, hired farm working force of 1965, statistical report, 16224
- Box cars**, unloading of grain at terminal elevators in hard winter wheat area, 15434
- Boyer, W. D.**, litter in longleaf pine stands thinned to prescribed densities, 16334
- Boyett, John D.**, aortic blood velocity computed from pressure pulse, 15495
- Brain:**
integrative activity, and cybernetics, USSR study, 16436
machine penetrates into secrets, USSR study, 16474
rats, nitrous exchange during action of pulse accelerations, USSR study, 16421
- Braskamp, Bernard**, prayers offered in House of Representatives, 89th Congress, 15780
- Braslow, Albert L.**, use of grit-type boundary-layer-transition trips on wind-tunnel models, 16660
- Brassieres**, current industrial reports, change sheet, 15582
- Braun, C. F., & Co.**, conceptual design 150-MGD LTV desalting plant, 16370
- Brazing**, *see* Solder and soldering.
- Bread:**
and cereals, golden nuggets, guide for program aides in home economics, 15458
prices, hearings, 15953
- Breakfasts**, school program for children, reports, 15865, 15890
- Bricklayers**, apprenticeship standards, 15501
- Bridwell, Lowell K.**, remarks, Oct. 5, 1966, 15654
- Brigadier generals**, Medical Service Corps, Army, authorize, law, 15770
- Brightness**, *see* Light.
- Brightness profile of day horizon of planet earth**, USSR, 16471
- Brimmer, Andrew F.:**
remarks—
Sept. 23, 1966, 16286
Oct. 5, 1966, 16281
- Broadcasting**, *see* Radio broadcasting.
- Brokaw, Richard S.**, ignition kinetics of carbon monoxide-oxygen reaction, 16706
- Brokers**, fees for VA property management, report, 16143
- Brown, Jerry**, soils of Okpilak River region, Alaska, 15506
- Brown, Kenneth E.**, lively 3d R, 16237
- Brownell Creek**, subwatershed 1, sedimentation, 16263
- Browning, James S.**, selective flotation of mica from Georgia pegmatites, 16575
- Brush fires**, *see* Forest fires.

INDEX

- Bubbles, boiling in discrete bubble region, effects of subcooling and gravity level, 16651
- Buckley, Michael P., relief, 15796
- Buckling, *see* Strains and stresses.
- Budget Bureau, career staff to the President, 15560
- Budgets, *see* names of departments, etc.
- Building:
 - house-framing system for low-cost construction, 15452
 - library services and construction act, extend and amend, report, 16067
 - sewage and water works construction, contracts awards, 16292
 - urban renewal rehabilitation, minimum property standards, 16292
- Buildings, long-term leasing by Government contractors, Defense Dept., GAO report, 16344
- Bulgaria:
 - Academy of Sciences, proceedings, 16465
 - contracts and taxes under new system of planning and economic management, 16454
 - training program, improving for computer equipment, 16507
- Bulletins, *see* Farmers' bulletin—*also* names of departments, etc., issuing bulletins.
- Bunch, D. F.:
 - controlled environmental radioiodine tests, 15531
 - dose to various body organs from inhalation or ingestion of soluble radionuclides, 15532
- Buoyancy effects on critical heat flux of forced convective boiling in vertical flow, 16707
- Burner fuel oil, *see* Fuel oil.
- Burning of land:
 - prescribed burning—
 - Douglas-fir in south-central Idaho, 16337
 - effect on habitat of Powhatan Game Management Area, 16329
- Burson, Z. G., radiation measurements in typical residential structures, 15527
- Burundi, background notes, 16846
- Buses, *see* Motorbuses.
- Bushes, *see* Shrubs.
- Business:
 - Bulgaria, new system of planning and economic management, contracts and taxes, 16454
 - census, 1963—
 - selected services area statistics, 15566
 - wholesale trade area statistics, bound volume, 15565
 - county business patterns, CBP series, 15577-580
 - economic prosperity brings problems (address), 15641
 - economist and Government (remarks), 15642
 - establishing in Pakistan, 15651
 - overseas business reports, 15645-651
 - small business—
 - bibliographies, 16819-822
 - corn marketing by Commodity Credit Corporation, impact, hearings, 15992
 - financial assistance programs, summary, SBA, 16823
 - investment act amendments of 1966—
 - hearings, 15963
 - report, 15937
 - investment companies, investigation, hearings, 16187
 - investment company program, review, hearings, 16179
 - problems in urban areas, hearings, 15993
 - regulatory and enforcement agencies, activities, relating to, hearings, 15990-991
 - statistics, Federal reserve chart book, historical supplement, 16279
 - Business men, how to do business with Defense Supply Agency, 16212
 - Butterflies, pine, defoliation effect on ponderosa pine in southern Idaho, 16325
 - Buttons, tariff treatment, report, 16130
 - Byers, Harry E., relief, 15813

C

- C. F. Braun & Company, *see* Braun, C. F., & Company.
- C.F.S. series, 16294-296
- C.R.R.E.L., *see* Cold Regions Research and Engineering Laboratory.
- CAB, *see* Civil Aeronautics Board.
- Cables, *see* Electric cables.
- Cadam, bagged and barerooted, survival and growth, 16326
- Cadets, *see* Air Force Academy, Colo.
- Cadmium sulfide, solar cells, thermal cycling, 16657
- Cahill, J. A., containment of liquid zirconium and niobium carbides on graphite between 3500° and 4700° K, 16614
- Calculations, *see* Numerical calculations.
- Caldor, Selina, market indicators for Africa, 15645
- Calibration, optical, analysis of U.S. naval space surveillance system, 16761
- California:
 - Arizona boundary compact, consent of Congress, law, 15714
 - central, late Pleistocene marine paleoecology and zoogeography, 16361
 - desalting plant, construction, report, 16145
 - Indians, general information, 16368
 - Salton Sea area, hydrologic regimen, 16360
- Calloway, Anthony A., relief, 16040
- Camp, P. R., conductivity changes produced in ice by optical irradiation, 15505
- Campaign expenditures, report, revise laws, report, 16093
- Campbell, M. E., solid lubricants, 16621
- Camps, summer, year round use in training dropouts, 16236
- Canada, Great Lakes fisheries convention, amending, 15999
- Candy, *see* Confectionery.
- Canker (disease of plants):
 - strumella canker of oaks, description, control, etc., 16322
- Canned foods, *see* names or classes of foods canned.
- Cap, Ferdinand, solution of ordinary differential equations by means of Lie series, 16592
- Capellen, J., bibliography of mass spectroscopy, compiled by computer method, 15533
- Capital of United States, Gallaudet College, model secondary school for deaf to serve region, establishment, etc., hearings, 15966, 16194
- Capitol:
 - grounds, long-range land use plan, formulate, etc., report, 16148
 - our Capitol, print as Senate document, report, 16075
- Carbides, *see* Niobium carbide—Zirconium carbide.
- Carbon, submicron powder, charging for colloidal particle thrusters, 16703
- Carbon dioxide, interaction with hydrogen chemisorbed on platinum electrode, 16764
- Carbon monoxide:
 - mechanism for reduction of iron oxides, adsorption phenomena, 16577
 - oxygen reaction, ignition kinetics, 16706
- Carbonization, continuous method, influence on pyrolysis products from subbituminous coal, 16583
- Card, Michael F., buckling of eccentrically stiffened cylinders, 16694

- Cardiology, aortic blood velocity computed from pressure pulse, 15495
- Careers, *see* Civil service—Occupations.
- Cargo, *see* Shipping.
- Cargo services, *see* Air carriers.
- Caribbean area, pocket guide, 15503
- Caridad Ares y Fernandez de Bosch, Myriam, *see* Bosch, Myriam.
- Carpio, Arturo V. Farjardo-, *see* Farjardo-Carpio, Arturo V.
- Carreras, Bienvenido Benach, *see* Benach Carreras, Bienvenido.
- Carriers, *see* Air carriers.
- Carter County, Okla., thermal recovery and 2 waterflood projects, 16560
- Cartesian coordinates, *see* Coordinates.
- Cartography *see* Maps and charts.
- Caruso, Anthony J., absolute photon yields of light elements by deuteron bombardment, 16699
- Cascio, Guiseppe Rubino-, *see* Rubino, Guiseppe.
- Cassatt, Mary, 5-cent commemorative postage stamp (poster), 16782
- Castro, Renato C., relief, 15825
- Caswell, Randall S., single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
- Catalog cards, Library of Congress, music and phonorecords, 16545
- Catalogs:
- aviation medicine reports, 15553
 - GSA stock catalog, 16290
 - Industrial College of Armed Forces—1966-67, 16387
 - publications, 16388
 - investment information and opportunities index, southeast Asia supplement, 16383
 - Labor Statistics Bureau publications, 16538
 - Library of Congress, music and phonorecords, 16545
 - popular names of U.S. Government reports, 16546
 - radar-positioned constant-volume balloon (tetron) flights, 16901
 - selected documents on the disadvantaged, 16226
 - USSR radio industry products, analog computation equipment, 16502
- Caterers and catering, food to be served on buses, sanitation standards, handbook, 16794
- Caterini, Dino J., relief, 15814
- Catholicism, present-day social doctrine, vis-a-vis working class, USSR, 16509
- Cats, used for research, etc., regulate transportation, sale, and handling, law, 15726
- Cattle, dipping vat & inspection facility, building plan, 15456
- see also* Livestock.
- Celestial bodies, spatial relations, by analog solar system model, 16636
- Celestial mechanics, one-step integration methods, 16708
- Cement, and dispersant additives, effect on hydraulic backfill, laboratory study, 16376
- Census:
- business, 1963, wholesale trade, area statistics, bound volume, 15565
 - manufactures, 1963—
 - area statistics, 15567-573
 - special report, 15574 - mineral industries, 1963, industry statistics, 15575-576
 - 1970 census questions, hearings, 15985
 - see also* subjects.
- Census Bureau, bulletin, 15564
- Central American Common Market, observations, report, 15968
- Cereals as foods, bread and cereals, golden nuggets, guide for program aides in home economics, 15458
- Cerium, inhibitor of thermal degradation processes in polysiloxanes, 16759
- Certificates, *see* types of certificates, or subjects involved.
- Certificates of indebtedness, *see* Treasury certificates of indebtedness.
- Certified public accountants, *see* Accountants.
- Chamberlayne, Earl C., relief, 16021
- Chambers, Joseph H., static and dynamic longitudinal stability derivatives of powered $\frac{1}{2}$ -scale model of tilt-wing V/STOL transport, 16670
- Chaplains:
- House, prayers, 89th Congress, 15780
 - VA workshops 1966 (papers), 16895
- Charge to mass ratios, *see* Specific electron charge.
- Charitable organizations, unrelated debt-financed income of tax-exempt organizations, impose tax, hearing, 15997
- Cheese, production in United States, 16726
- Chelan division, *see* Chief Joseph Dam project.
- Chemical analysis, *see* Electrochemical analysis.
- Chemical elements, light elements, absolute photon yields by deuteron bombardment, 16699
- Chemical reactions, ignition kinetics of carbon monoxide-oxygen reaction, 16706
- Chemical solutions, *see* Solutions.
- Chemicals:
- and related products, trade and tariff information, summaries, 16875
 - compounds, authorized for use under poultry, rabbit, and egg products inspection, 16201
 - inorganic, trade and tariff, information, summaries, 16875
 - protection against radiation damage to immune response in mouse spleen cells, 15494
- Chemistry:
- complex compounds, use of physical methods to study, 2d conference, 16437
 - surface, proteins and polypeptides, 16755
- Chemists, industrial hygiene, syllabus for short courses, laboratory manual, 16802
- Chesapeake Bay, basin project for water supply and water quality management, 16291
- Chief Joseph Dam project, Chelan division, Manson unit, construct, etc., law, 15736
- Children:
- child nutrition act of 1966, report, 15890
 - child protection act of 1966, reports, 15942, 16121
 - child safety act of 1966, hearings, 15979
 - children of deceased or disabled Philippine veterans, extend educational assistance benefits—
 - hearing, 16195
 - reports, 15867, 15878, 16134 - children's books, selected list, 16223
 - deceased veterans, liberalize payments, report, 16076
 - disadvantaged—
 - administration of elementary school programs, 16225
 - educating in elementary school, bibliography, 16229
 - ERIC catalog of selected documents, 16226
 - subject index, 16227
 - series, 16229 - food service programs, strengthen and expand, report, 15865
 - handicapped—
 - education, preparation of professional personnel, manual, 16239
 - military medical benefits act of 1966, report, 16091 - promoting atheism among children, USSR, 16392
 - selected facial measurements for oxygen-mask design, 15555

INDEX

- Children—Continued
 special milk program, extend, reports, 15865, 15890
 work injuries to minors, report, 16518
- China:
 Communist—
 Acta geographica Sinica (periodical), translations, 16402
 geographical society, symposium on geomorphology and economic geography, 16455
 military, political, and economic policy, present and immediate future, report, print as House document, report, 16099
 science and technology, evaluation of comprehensive study, 16460
- Chincoteague National Wildlife Refuge, birds, list, 16305
- Chinese, coolie trade laws, repeal, report, 15910
- Cholinesterase, activity, determination, USSR study, 16406
- Chouman, Yusef A., relief, 16027
- Christmas, 5-cent commemorative postage stamp (poster), 16780
- Chromium, minerals yearbook chapter, 16555
- Chudnoff, M., solar drying of tropical hardwoods, 16338
- Chung, Kil Ja, relief, 16005
- Cicolani, Luigi S., interplanetary midcourse guidance using radar tracking and on-board observation data, 16686
- Circuits:
 control, maintains unity power factor of reactive load, 16645
 electronic bidirectional valve, prevents crossover distortion and threshold effect, 16640
 remote preamplifier, maintains stability over wide temperature range, 16646
 superconducting parallel path, electro-dynamics, 16770
- Circulars, *see* names of departments, etc., issuing circulars.
- Cities and towns:
 city is a teacher, ghetto schools must change (address), 16228
 demonstration cities and metropolitan development act of 1966, report, 15897
 fire service, future, 16352
 freeways to urban development, 16813
 mass transportation amendments of 1966, law, 15740
 median city, capsule view of social welfare programs in U.S., 16905
 Neighborhood Youth Corps, better communities through conservation, 16516
 occupational earnings and wage trends in metropolitan areas, 16541
 small business problems in urban areas, hearings, 15993
- Citizenship Day, bulletin, 16367
- Citrus fruit, production, use, value, by States, 1964-65 and 1965-66, 16869
- Civil Aeronautics Board:
 regulations, revisions, 15615
 regulatory responsibilities for air transportation (remarks), 15617
- Civil aircraft, *see* Aircraft.
- Civil aviation, *see* Aeronautics.
- Civil defense, *see* Civilian defense.
- Civil Defense Office:
 FG series, 15621-622
 handbook series, 15623
 instructor's guide IG series, 15624
 student manual SM series, 15625
- Civil procedure, civil action venue amendment, report, 15885
- Civil rights, achievement of full human rights for all citizens (address), 16511
- Civil Rights Commission:
 appropriations, 1967—
 hearings, 15955
 report, 15938
- Civil service:
 career opportunities, Budget Bureau, 15560
 examination announcements—
 agricultural commodity grader meat, amdt., 15627
 agricultural extension specialist, amdt., 15627
 agricultural market reporter, 15626
 agricultural marketing specialist, 15626
 agricultural statistician, amdt., 15627
 crop insurance fieldman and supervisor, amdt., 15627
 current, 15629
 farm credit examiner, amdt., 15627
 guidance counselors, 15630
 postmaster, 15628
 resident youth worker, 15634
 teachers (Job Corps, vocational subjects), 15630
 examinations—
 Federal service entrance examination, preparation for, 15633
 instructions to applicants, postmaster, 4th class, 15631
 opportunities for returning Peace Corps volunteers, 15632
 supergrade positions, increase quota, report, 15917
- Civil Service Commission, pamphlet, 15632
- Civil service pensions:
 Comptroller General, election to continue in system—
 law, 15710
 report, 15844
 retirement act, amend relative to Botanic Garden employees, coverage, law, 15771
- Civil works, *see* Public works.
- Civilian defense:
 act of 1950, extend emergency authority of the President—
 law, 15705
 report, 15861
 Federal civil defense guides, 15619-620
 FG series, 15621-622
 industrial, protection of vital records, 15622
 program planning and development, self-teaching materials, 15625
 student manual SM series, 15625
 surplus property utilization, hearings, 15972
- Civilian workers, *see* Government officials and employees.
- Claims:
 congressional reference cases, reporting, amend U.S. code, report, 16155
 District of Columbia, escheat cases, settlement by commissioners, remove dollar limit on authority, report, 15871
 establish statute of limitations for certain actions brought by Government, report, 16087
 tort clause act, amend to authorize increased agency consideration, report, 16086
 veterans, treble-damage actions, extend to direct loan and insured cases, report, 16142
- Clark, Daniel C., airborne simulator conceptual design report, 16591
- Clark, Kenneth B., address, July 18, 1966, 16354
- Clarke, Garry K. C., seismic survey, northwest Greenland, 15509
- Clarke, James W., bibliography of North American geology, 16357
- Classification:
 act, amend to increase quota of supergrade positions, report, 15917
 English texts, non-projective structures to construct machine-grammar, USSR study, 16448
see also Government officials and employees.

- Clayton, L. Yvonne, homemakers use of and opinions about selected fruits and fruit products, 15449
- Clean air act, *see* Air pollution.
- Clean rivers restoration act, *see* Water pollution.
- Clean room and work station requirements, controlled environment, Federal standard, 16289
- Cleft palate, research explores, 16799
- Clergy, hospital ministry, theological roots (papers), 16895
- Cleveland, Ohio, economic level, changes, 1960-65, in 9 neighborhoods, 15591
- Clifton, N.J., area wage survey, 16530
- Climate:
climatic factors affecting racial variation in slash pine, 16339
modification, report, 16742
- Clinical medicine, *see* Medicine.
- Clinton County, Pa., soil survey report, 16835
- Clocks and watches, transistorized digital clock with serial binary-coded readout, 16765
- Close, Richard T., numerical analysis of Pierce-type electron guns, 16760
- Closed loop operation eliminates need for auxiliary gas in high pressure pumping station, 16631
- Clostridium botulinum, *see* Botulism.
- Clothing, quality assurance information handbook, 16207
- Cloud seeding, *see* Weather control.
- Clouds, nuclear explosion cloud development studies, 15538
- Coal:
its future and conversion into other fuels (remarks), 15635
Mines Bureau program, 1965, review, 16559
subbituminous, influence of continuous carbonization method, etc., on pyrolysis products, 16583
- Coal dust, incendivity of explosives to, improved method for evaluating, 16573
- Coal mines and mining:
acid water, application of saline water conversion processes, 16374
anthracite mining industry, 1930-66, wage chronology, 16535
Mines Bureau program, 1965, review, 16559
strip and surface mining study, report 16379
- Coast and Geodetic Survey:
its products and services, 15637
publication series, 15637
- Coast Guard:
roles and missions (remarks), 16884
transfer, report, 16158
- Cochlea, *see* Ear.
- Cochran, Thomas H., effects of subcooling and gravity level on boiling in discrete bubble region, 16651
- Codes of law, United States, title 5, enact, law, 15733
see also subjects.
- Coefficients, extinction, determination in scattering media, 16407
- Cogle, B. A., transfer of land title in Marengo County, Ala., 16013
- Cold Regions Research and Engineering Laboratory, research reports, 15505-510
- Cole, Walter E., effect of pine butterfly defoliation on ponderosa pine in southern Idaho, 16325
- Colleges and universities:
correspondence courses offered through USAFI, DOD pamphlet, 15502
degrees conferred, 1964-65, summary, 16242
developing institutions, assistance, extend, report, 16167
- Colleges and universities—Continued
facilities act of 1963, extend, etc., report, 16167
grants for international studies and research, etc., hearings, 16193
higher specialized education, improve training of specialists and perfecting leadership, USSR study, 16470
laboratories, USSR educator urges better utilization, 16420
sea grant colleges and program act, reports, 15863, 16081
see also names of colleges and universities.
- Colloids, charging submicron carbon powder for particle thrusters, 16703
- Color of the voice, USSR, 16497
- Colorado, census of manufactures, 1963, area statistics, 15568
- Colorado River, lower, water resources of Salton Sea area (series), 16360
- Columbia River Federal Power System, financial statements, examination, GAO report, 16342
- Columbium, *see* Niobium.
- Columbus, Christopher, what is significance of his achievements? (remarks), 15542
- Comandra blister rust, lodgepole pine, antibiotics for control, 15436
- Combat areas, firefighting and rescue in theaters of operations, technical manual, 15515
- Commerce:
foreign trade effectiveness, determining, 16478
foreign trade regulations—
East Africa, etc., 15646
Mexico, 15650
Saudi Arabia, 15649
foreign trade statistics—
guide, 1967, 15594
hearings, 16183
interstate and foreign, regulate by preventing unfair or deceptive methods of packaging or labeling, hearings, 15980-981
summaries of trade and tariff information, 16875
trade between U.S. and Japan (remarks), 15653
United States trade with major world areas, 15648
see also names or classes of articles of commerce.
- Commerce Committee, Senate:
hearings, 16180
history, membership, and jurisdiction, 150th anniversary, print as Senate document, report, 16074
reports, 16077, 16080, 16095, 16105, 16109, 16121, 16123
- Commerce Department:
appropriations, 1967—
hearings, 15956
report, 15938
maritime functions, transfer to independent administration—
hearings, 15984
reports, 15873-874
- Commercial banks, *see* Banks and banking.
- Commercial fisheries, *see* Fish and fisheries.
- Commercial Fisheries Bureau:
biological laboratory, Galveston, report, 16298
Biological Station, St. Petersburg Beach, Fla., report, 16297
- Commercial products, tariff treatment of articles assembled abroad on products of U.S., report, 16130
- Commercial treaties, economic relations with Togolese Republic, report, 16001
- Committees, county ASCS, extend benefits to employees, report, 16069
- Commodities, *see* Agricultural products—
also names of commodities.

INDEX

- Commodity Credit Corporation, corn marketing, impact on small business, hearings, 15992
- Common Market, *see* Central American Common Market.
- Common varieties act, *see* Mineral lands.
- Communications :
 publications, price list, 16788
 satellite, government use, hearings, 15973
 telegraph, in railroad transportation, USSR study, 16400
- Communism, Baltic States, status, report, 16136
- Communist Party of Soviet Union, policy, scientific basis, 16491
- Communities, *see* Cities and towns.
- Community surveys, Atlantida, case study in household sample surveys, sample design, 15596
- Compacts (interstate), *see* Interstate agreements.
- Compensation, *see* Wages.
- Composite materials, wood-plastic, engineering and evaluation study for manufacturing, 15534
- Compounds, complex, use of physical methods to study, 2d conference, 16437
 see also names or classes of compounds, or purpose for which used.
- Comptroller General, *see* General Accounting Office.
- Comptroller of Currency :
 regulatory authority, strengthen—
 hearings, 15963
 report, 16101
- Computers, *see* Electronic computers.
- Conceptual design 150-MGD LTV desalting plant, 16370
- Concrete, manure tank, circular, 15453
- Conde, Augusto J. Fernandez-, *see* Fernandez-Conde, Augusto J.
- Conductance, *see* Electrochemical analysis.
- Conductivity (electric), *see* Electric conductivity.
- Cones, weak locally homogeneous turbulence in idealized flow, 16679
- Confectionery :
 additives, amend food, drug, and cosmetic act, law, 15702
 candy and other confectionery products, industry wage survey, 16537
- Conference committees, reports, 15880-882, 15899, 15917, 15927
- Conferences, congresses, etc., *see* names of conferences, etc.—*also* subject of conference.
- Congress of United States :
 congressional record, 89th Cong., 1st sess., bound volumes, 15661-664
 joint activities, appropriations, 1967, legislative, law, 15727
 legislative reorganization act of 1966, report, 16150
- Congress, Special Committee on Organization of Senate :
 establishing, report, 16106
 report, 16150
- Congressional districts, 90th Congress, redistricted States, 15598-610
- Congressional record, *see* Congress of United States.
- Congressional serial set, 15665-667
- Connecticut :
 county business patterns, 15577
 District Court, term to be held at New London, law, 15737
- Connecticut River National Recreation Area, study feasibility, report, 15875
- Conner, W. J., water vapor electrolysis unit, 16613
- Connor, John T. :
 addresses, etc.—
 Sept. 14, 1966, 15641
 Sept. 28, 1966, 15656
 Oct. 12, 1966, 15655
- Conservation, *see* Natural resources—Soil conservation—*also* subjects.
- Conservation research reports, 15435
- Constitution of United States :
 amendment, school prayer, hearings, 16191
 constitutional rights—
 religious freedom, State law relating to transportation and textbooks for parochial school students, 16241
 study, subcommittee activities, report, 16122
 text—
 print additional copies, report, 16097
 with analytical index, unratified amendments, 15786
- Constitution Week, bulletin, 16367
- Constitutional rights, *see* Constitution of United States.
- Construction, *see* Building—Installations (military).
- Construction industry, safety on jobsite, planning for, 16517
- Consumer and Marketing Service, service and regulatory announcements, 16203
- Consumer income, *see* Income.
- Consumers :
 expenditures and income, 1961, rural farm population, northeastern region, 15438
 protection, fair packaging and labeling in interstate commerce, hearings, 15980-981
 USDA consumer expenditure survey report, 15438
 USDA services, guide, 15451
- Consumers Department, create, hearings, 15970
- Consumption (economics), *see* Food.
- Continents, earth's crust and upper mantle, USSR study, 16446
- Contractor reports NASA CR (series), 16589-618
- Contractors, *see* Government contracts.
- Contracts, Bulgaria, new system of planning and economic management, 16454
 see also Government contracts.
- Control (vehicle), *see* Helicopters.
- Control circuit maintains unity power factor of reactive load, 16645
- Control lines, maintenance, FAA handbook, 16256
- Control systems :
 automated production, USSR developments, 16399
 biological, review and evaluation, 16598
 differential games and manual control, 16704
 multi-variable manual studies, two-axis compensatory systems, 16593
 passive gravity-gradient stabilization, symposium, 16620
 temperature control unit for sounding rocket applications, 16655
 unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536
 USSR progress, 16393
- Control your weight, 16792
- Convection of heat, *see* Heat transfer.
- Converters, *see* Digital-to-analog converters.
- Conveyors, pneumatic, for distributing farm feed, 15477
- Cooking appliances, current industrial reports, 15585
- Coolants, *see* names of coolants.
- Coolies, *see* Chinese—Japanese.
- Cooling, effects of subcooling on boiling in discrete bubble region, 16651
- La cooperación internacional, el aporte de la Administración de Bienestar, 16902
- La coopération internationale, contribution de l'Administration des Affaires Sociales, 16903
- Coordinates, cartesian coordinates and partial derivatives of two-body problem, 16589

- Copper ores, census of mineral industries, 1963 industry statistics, 15575
- Copying equipment, 15514
- Cordell Hull Navigation Lock, Cumberland River, Tenn., filling and emptying system, hydraulic model investigation, 16251
- Corlise, William R., SNAP nuclear space reactors, 15551
- Corn, marketing by Commodity Credit Corporation, impact on small business, hearings, 15992
- Corpas, Miguel A. Martinez y, *see* Martinez y Corpas, Miguel.
- Corporations:
- District of Columbia income and franchise tax act, amend, law, 15761
 - lenders from jurisdictions outside D.C. making loans secured by D.C. property, clarify status under income and franchise tax act, law, 15761
- Correspondence schools and courses, USAFI offerings by colleges and universities, etc., DOD pamphlet, 15502
- Corrosion and anticorrosives:
- intergranular corrosion of lead-antimony grid alloys, 16763
 - lithium corrosion of metals, USSR studies, 16426
- Corsets, current industrial reports, change sheet, 15582
- Corsiglia, Victor R., low-aspect-ratio delta-winged model equipped with sharp-edged strakes, 16684
- Corson, Donald R., laboratory study of effect of cement and dispersant additives on hydraulic backfill, 16576
- Cosmetics:
- food, drug, and cosmetic act—amend, hearings, 15979
 - enforcement regulations, 16318
- Cost, marketing, distribution cost analysis, 16819
- see also* names of commodities, e.g. Food—*also* subject.
- Cotton:
- production and distribution, 15564
 - textiles, trade agreement with Israel, 16863
 - Turkey, production, etc., 16319
- Counselors:
- guidance, examination announcement, 15630
 - scope of pupil personnel services, 16240
- Counties:
- agricultural committee, system, extend benefits to employee, report, 16069
 - county business patterns, CBP series, 15577-580
- Court of Claims, judiciary and judicial procedure congressional references cases, reporting, amend U.S. Code, report, 16155
- Court of Customs and Patent Appeals, patent cases adjudged, 16204
- Court of General Sessions, D.C., judges, increase number, law, 15765
- Courts, *see* State courts—Venue—*also* names of courts.
- Courts of United States:
- appropriations, 1967—
 - hearings, 15959
 - report, 15938
 - narcotic addicts, dealing more effectively with individuals, report, 16163
- Covers, security, for nuclear weapons, procurement and utilization, Atomic Energy Commission and Defense Dept., GAO review, 16349
- Cows, dairy heifers, how much is she worth? grading system for sales, etc., 15463
- Crafts, Edward C., remarks, Sept. 21, 1966, 16773
- Crane, Hewitt D., visual accommodation system in humans, 16612
- Crashes, *see* Aircraft accidents.
- Craters:
- high-velocity impact, in ablative heat-shield materials, determination temperatures and material effects, 16689
 - terrestrial impact structures, bibliography, 16356
- Credit:
- Federal programs—
 - alleviate tight money (remarks), 16888
 - financial management in Great Society (remarks), 16882
- Credit insurance, health, accident, and life, for student loans, increase maximum amount allowable for student loans in D.C., report, 15852
- Criminal law:
- cybernetics and criminal law, USSR study, 16508
 - refusal to testify, compelling of testimony and granting immunity in certain crimes, amend U.S. Code, report, 16108
- Criminal procedure, *see* Habeas corpus.
- Crockett, Warren R., new design approach for wide-range temperature monitoring and compensating networks in scientific satellites, 16681
- Croeni, Jack G., high-energy-rate extrusion of low-density tungsten powder billets, 16574
- Cronartium comandrae, *see* Comandra blister-rust.
- Crop insurance, *see* Agricultural insurance.
- Crop reporting, 1st century, 15473
- Cross-Florida Barge Canal, Silver Springs lock, rename R. N. Bert Dosh lock, law, 15754
- Cross sections, neutron, technology, conference proceedings, 15528
- CRREL, *see* Cold Regions Research and Engineering Laboratory.
- Crude oil, *see* Petroleum.
- Cruz, Oscar Valdes, *see* Valdes Cruz, Oscar.
- Crystals, growth and characterization, research at NBS, 16716
- Cuba, oceanographic studies, Russian-Cuban, 16489
- Cubans, refugees, assistance, appropriations, 1967, reports, 15915, 16159
- Culling hens, 15444
- Culverts, pressures, Greenup Lock, Ohio River, Ky., hydraulic prototype tests, 16249
- Cumberland River, Cordell Hull Navigation Lock filling and emptying system, hydraulic model investigation, 16251
- Current fishery statistics, C.F.S. series, 16294-296
- Current industrial reports, 15581-590
- Current projects on economic and social implications of science and technology, 16741
- Currents, *see* Electric currents.
- Cushwa, Charles T., one prescribed burn and its effect on habitat of Powhatan Game Management Area, 16329
- Cybernetics:
- and criminal law, USSR study, 16508
 - and integrative activity of brain, USSR study, 16436
 - predicting devices, USSR study, 16449
 - systems, experimental and practical applications, USSR study, 16401
 - technical, USSR periodical, translations, 16466
- Cylinders:
- comparison of experimental and theoretical stresses at mismatch in circumferential joint in cylindrical pressure vessel, 16676
 - eccentrically stiffened, buckling, experimental and theoretical results, 16694
 - modal characteristics of cylindrical shells, analytical methods used to determine, 16618
 - multiple hydraulic leveling, controlled by rotary valve, 16625

INDEX

Cylinders—Continued
 pressurized, elastic stresses at mismatched circumferential joint, 16677
 thin-wall tank, longitudinally excited, transfer function analysis of fluid contents, 16692
 Czarnecki, K. R., roughness drag at supersonic speeds, 16669
 Czechoslovakia and space research, 16435

D

D.S.A., *see* Defense Supply Agency.
 Dairy cattle, *see* Cows.
 Dairy goat for home milk production, 15446
 Dairy industry, *see* Dairying.
 Dairy plants, *see* Dairying.
 Dairying:
 dairy industry, organization and competition, 16725-726
 dairy plants surveyed and approved for USDA grading service, list, 16200
 Dalton, Leonard J., relief, 15799
 Damages, *see* Claims.
 Damping:
 nonlinear oscillations, 16709
 transfer function analysis of fluid contained in cylindrical tank, 16692
 Dams, for reclamation, 16816
 see also names of dams or bodies of water.
 Dangerous articles, *see* Hazardous substances.
 Dannenberg, Raymond O., beryllium recovery from fluoferrate leach residue, 16584
 Data, *see* subjects.
 Data processing, *see* Electronic data processing systems.
 Davis, Charles T. jr., relief, 16012
 Davis, Sallie M., relief, 16012
 Davis, W. True, remarks, Oct. 5, 1966, 16883
 Day, W. C., cloud development studies, 15538
 Days, *see* names of special days.
 Deaf, model secondary school to serve National Capital region, Gallaudet College, establishment, etc., hearings, 15966, 16194
 Death, mortality from diseases associated with smoking, U.S., 16811
 Debt, reserve for certain guaranteed debt obligations, income tax deduction, report, 15936
 see also Public debt.
 Decedents' estates:
 District of Columbia code, titles 19 and 20, technical amendments—
 law, 15744
 report, 16110
 District of Columbia escheat cases, settlement by commissioners, report, 15871
 Decisions, *see* names of courts, etc., rendering decisions.
 Decorations of honor, merchant marine, U.S., 16551
 Deductions, *see* Income tax.
 Defense, *see* Civilian defense.
 Defense Department:
 appropriations, 1967, reports, 15880, 16094
 appropriations, 1967, military construction, hearings, 16172
 contractors, long-term leasing of buildings and land, GAO report, 16344
 handbook DSAH series, 16207-209
 leasing motor vehicles for use by Government contractors, GAO review, 16348
 manual DSAM series, 16210
 military construction and family housing appropriations, 1967, report, 15908
 military construction authorization, 1967—
 law, 15745
 report, 15881
 procurement and utilization of security covers for nuclear weapons, GAO review, 16349

Defense Logistics Services Center:
 DSA-DLSC manual, 16211
 provisioning screening procedures, manual, 16211
 Defense production act, *see* Production.
 Defense Supply Agency:
 civilian career, program for quality assurance and control, 16210
 DSA-DLSC manual, 16211
 handbook DSAH series, 16207-209
 how to do business with DSA, 16212
 manual DSAM series, 16210
 Deflection, time dependent, of floating ice sheet, 15510
 Defoliation, pine butterfly, effect on ponderosa pine in southern Idaho, 16325
 Deformations (mechanics):
 inelastic, of rock under hemispherical drill bit, 16582
 Degrees (colleges, universities, etc.):
 conferred during 1964-65, summary, 16242
 Hungarian Academy of Sciences, academic awards and degrees, directive, 16481
 Deissler, Robert G., weak locally homogeneous turbulence in idealized flow through cone, 16679
 Delgado, Antonio Rondon, *see* Rondon Delgado, Antonio.
 Deligriglou, Konstadine B., and son, relief, 15692
 Delta National Wildlife Refuge, fishes, list, 16310
 Delta wings, *see* Wings (aircraft).
 Density:
 binary fluoride mixtures, 16581
 litter in longleaf pine stands thinned to prescribed densities, 16334
 Dentistry:
 military medical benefits act of 1966, report, 16091
 periodontal status of incoming Air Force Academy cadets, 15493
 Dependents, *see* Armed Forces—Pay, allowances, etc.
 Deposits (soldiers, etc.):
 improve program for members serving outside U.S., law, 15721
 Depreciation, accelerated depreciation allowance, suspend, report, 15932
 Desalination:
 desalting for northern New Jersey and New York City, potentialities and possibilities, engineering study, 16378
 electrosorption and desorption, 16373
 sea water conversion, conceptual design of 150 million gallon per day LTV desalting plant, 16370
 Desalting of sea water, *see* Sea water.
 Design reliability goal developed from small sample, 16628
 Designs (aircraft):
 airborne simulator conceptual design report, 16591
 Designs (industrial):
 oxygen-mask, selected facial measurements of children, 15555
 Desorption, desalination by electrosorption and desorption, 16373
 Deuterons, bombardment, absolute photon yields of light elements, 16699
 Deveikis, William D., aerodynamic characteristics of tension shell shapes at Mach 3.0, 16690
 Devices, wire, protects MOS transistors from damage, 16639
 Devonian period, Guilmette Formation and Simonson Dolomite in Pequop Mountains and Wood Hills, Nev., discussion of high concentrations of zinc, lead, and mercury, 16355
 Diagnosis, design of facilities for mentally retarded, 16800
 Diaz, Jose E., relief, 15680

Di Battista, John D., spray velocity resulting from high-velocity penetration of thin plates by disks, 16682

Dictionaries:
military terms for joint usage, 16389
Vietnamese-English, 16425

Dielectrics, dielectrometer design permits measurement in vacuum under irradiation, 16624

Dielectrometer design permits measurement in vacuum under irradiation, 16624

Differential equations, *see* Equations.

Differential games and manual control, 16704

Digital-to-analog converters, video signal processing system for spaceflight simulator, 16643

Direction indicators, system does not require complicated optics, 16630

Directories:
education 1965-66, education associations, 16230
information resources in U.S., water, 16544
labor organizations, Africa, 16384
standardization, Federal supply classification, class and area assignments, 16214
standardization SD series, 16214
State and territorial health authorities, 16793
youth opportunity centers, 16245

Disabled, *see* Pensions.

Disabled American Veterans, audit of accounts by GAO, report, 15900

Disadvantaged children, *see* Children.

Disadvantaged children series, 16225, 16229

Disaster insurance, Federal financial assistance to flood victims, reports, 15987, 16177

Disasters:
major, additional assistance to areas suffering, report, 15934
mass feeding, basic course, instructor's guide, 15624
Northeast power failure, Nov. 9-10, 1965, hearings, 15977

Disclaimers, effect on allowance of marital deduction for estate tax purposes, report, 16129

Discrimination, *see* Race problems.

Diseases:
associated with smoking, mortality from, U.S., 16811
detection in persons over 45, 16806

Diseases of plants, *see* names of diseases or plants affected.

Display of merchandise, roadside stand, building plans, 15455

Display systems, two-axis compensatory systems with compatible integrated display and control, 16593

Distribution (economics):
marketing, cost analysis, bibliography, 16819
see also names of commodities.

Distributors, *see* Markets and marketing.

District Courts, Connecticut, term to be held at New London, law, 15737

District of Columbia:
alcoholic beverage control act, amend, hearings, 15965
appropriations, 1967—
hearings, 16170
report, 15907
automobile liability policies, make uninsured motorist coverage required part, report, 16117
Bail Agency, establish, law, 15709
business corporation act, amend, law, 15761
certified public accountancy act of 1966, law, 15751
code of laws, titles 19 and 20, technical amendments—
law, 15744
report, 16110

District of Columbia—Continued
commissioners, authority to settle D.C. claims in escheat cases, remove limit, report, 15871
common-law marriages, prohibit contracting in D.C., report, 15855
credit life, health, and accident insurance, for student loans, increase maximum amount allowable, report, 15852
fire and casualty act, amend, report, 16117
Fourteenth Street Highway Bridge, replace, report, 16147
General Sessions Court, increase number of judges, law, 15765
heliport, establish, hearings, 15988
inauguration of the President, provide for travel expenses of sanitarians, etc., report, 15870
income and franchise tax act, amend, law, 15761
judges, retired, increase retirement salaries—
law, 15757
report, 16114
life insurance companies, amend act relative to financial standing—
law, 15738
report, 16115
motor vehicle safety responsibility act, amend, reports, 16117-118
National Visitor Center study commission, create, report, 15837
nurses, practical, licensing, etc., amend act—
law, 15708
reports, 15851, 16088
Old Georgetown Market, preservation and use—
law, 15767
report, 16116
police and firemen's salary act of 1958, amend, reports, 15853, 16139
Police Department band, include members of Fire Department, etc., report, 15872
revenues, providing additional, law, 15777
Shaw Junior High School, early land acquisition, law, 15746
Shrine convention, 1967, promulgate regulations, report, 15854
teachers' salary act of 1955, amend, report, 16139
transit compact, approval—
hearings, 15983
message from the President, 15783
reports, 15891, 16107

District of Columbia Committee, House:
hearings, 15965
reports, 15789-790, 15851-855, 15870-872

District of Columbia Committee, Senate:
reports, 16045-046, 16088, 16110, 16114-118, 16139, 16147

District of Columbia Redevelopment Land Agency, act, amend, land acquisition for Shaw Jr. High School, law, 15746

Divorce, laws, 16907

DLSC, *see* Defense Logistics Services Center.

Doctors, *see* Physicians.

Documents, *see* Government publications.

Documents Office, *see* Public Documents Division.

DOD pamphlet, 15502

Dodd, Thomas J., investigation, hearings, 16198

Dogs:
delayed reactions, characteristics and origin, USSR study, 16496
used for research, etc., regulate transportation, sale, and handling, law, 15726

Dolomite, Simonson, Devonian age in Pequop Mountains and Wood Hills, Nev., 16355

Doppler radar, turbulence in precipitation, measurements, 16412

INDEX

Dose to various body organs from inhalation or ingestion of soluble radionuclides, 15532
Dosh, R. N. Bert, Lock, *see* R. N. Bert Dosh Lock.
Doty, Robert D., snow loads on roofs in areas of heavy snowfall, 16323
Doud, Bobbie, education associations, directory, 16230
Douglas fir, *see* Fir.
Drag (aerodynamics):
drag due to lift at subsonic speeds, factors affecting, 16664
roughness drag at supersonic speeds, 16669
wave drag at lifting conditions, analysis, 16666
Drag (hydrodynamics):
reduction, naval hydrodynamics symposium, 16753
Drainage:
sedimentation in small drainage basins (series), 16363
slash pine response, 16331
Drills (tools):
inelastic deformation of rock under hemispherical drill bit, 16582
Drop outs, *see* High schools—School attendance.
Drought, simulated, pine seedling survival, 16333
Drug addiction, *see* Narcotic habit.
Drugs:
animal drug amendments of 1966, report, 15944
food, drug, and cosmetic act—amend—
hearings, 15979
report, 15944
enforcement regulations, 16318
safety, hearings, 15971
see also Tranquilizing drugs.
Dryers (industrial):
Soviet conference on industrial drying processes, 16503
Drying, solar, of tropical hardwoods, 16338
DSA, *see* Defense Supply Agency.
DSA-DLSC manual, 16211
Ducassi, Enrique R., relief, 15689
Duffy, Leonard G., relief, 15807
Dunleavy, J. M., soybean diseases, 15440
Duplicating machines, copying equipment, Army technical bulletin, 15514
Dust, radioactive, retention by greenery, USSR study, 16403
Dutcher, L. C., occurrence, chemical quality and use of ground water in Tabulbah area, Tunisia, 16362
Dynamometers, industrial plant equipment handbook, 16208

E

Ear, function of cochlea, electrolyte content in biological fluids in hypoxia, USSR study, 16422
Earl, Lewis H., manpower policy and programs, western European countries, 16515
Earnings, *see* Wages.
Earth:
brightness as planet, measurements, USSR study, 16408
crust, upper mantle of continents, USSR study, 16446
longitude gravity field as sensed by drift of synchronous satellites, 16658
peaceful uses of earth-observation spacecraft, 16602-604
planet, day horizon, brightness profile, USSR study, 16471
seismic waves propagating in earth's mantle, dependence of absorption coefficient on frequency, 16444
terrestrial impact structures, bibliography, 16356

East (Far East):
market profiles, 15647
Eastern Europe, *see* Europe.
Eastern Utilization Research and Development Division, publication and patents, list, 15437
Echenique, Jorge G., relief, 15673
Eckerson, Louise O., scope of pupil personnel services, 16240
Ecology, *see* Paleoecology.
Economic assistance, *see* Foreign aid.
Economic conditions:
high employment economy, strategy of monetary policy (remarks), 16286
long term economic growth, 1860-1965, statistical compendium, 15595
President's proposals to suspend investment credit and accelerated depreciation (remarks), 16889
temporary suspension of investment tax credit and accelerated depreciation (statement), 16890
see also names of countries, States, etc.
Economic Development Administration:
EDA programs to solve unemployment (address), 15639
facts about EDA, 16217
Economic geography, *see* Geography.
Economic Joint Committee, committee print, 15779
Economic Opportunity Office:
appropriation, 1967, supplemental, hearings, 15960
VISTA volunteer (periodical), 16222
Economic planning, *see* Business.
Economic policy:
economic opportunity act, amendments of 1966, report, 16162
mobilization of Federal Government resources to relieve inflationary pressures (remarks), 16889
President's anti-inflation program (statement), 16890
Economic Research Service, agricultural economic report, 16224
Economics:
do you know your economic ABC's? explanation of gross national product and how it mirrors our economy, 15643
economic issues, overview '67 (remarks), 15652
national objectives (remarks), 16883
Economies of scale in cattle feeding, 16722
Economists, business economist and Government (remarks), 15642
EDA, *see* Economic Development Administration.
Education:
associations, directory, 16230
children of deceased or disabled Philippine veterans, extend educational assistance benefits—
hearing, 16195
reports, 15867, 15878, 16134
disadvantaged, ERIC catalog of selected documents, subject index, 16227
education, research and development and United States balance of payments (remarks), 16885
Federal programs bring progress without controls, 16238
for world responsibility, excerpts from addresses at National Foreign Policy Conference for Educators, 16855
foreign studies extension, overseas projects in education, 16232
Fulbright-Hays graduate fellowships overseas projects, 16233
Government officials and employees, variation of 40-hour workweek for educational purposes, law, 15703
handicapped children, preparation of professional personnel, manual, 16239

- Education—Continued
 higher and secondary, improve training of specialists and perfecting leadership in specialized education, USSR study, 16470
 international education act of 1966, hearings, 16193
 literature of profession, bibliography, 16231
 mentally retarded, design of facilities, 16800
 nonwhite women, educational attainment, fact sheet, 16908
 programs for the disadvantaged, selected documents, catalog, 16226
 public welfare demonstration projects focus on education for AFDC youth, 16253
 society improved by education of individual (address), 15640
 State data and rankings, 16365
 State leadership, improving, 16234
 summer seminars, overseas projects in education, 16243
 surplus property utilization, hearings, 15972
 veterinary medical facilities, construction grants, report, 15943
 women, educational attainment, trends, fact sheet, 16909
see also subjects taught.
- Education and Labor Committee, House: hearings, 15966
 reports, 15865, 15896, 15906
- Education Office:
 appropriation, 1967, supplemental, hearings, 15960
 civil rights educational activities, appropriations, 1967, report, 15938
- Educational associations:
 directory, 16230
 USSR educational organizations, activities, 16414
- Educational boards and departments, State, improving leadership, 16234
- Educational Research Information Center:
 catalog of selected documents on the disadvantaged, 16226
 subject index, 16227
- Eggers, James M., velocity profiles and eddy viscosity distributions downstream of Mach 2.22 nozzle exhausting to quiescent air, 16673
- Eggs:
 industry, organization and competition, 16724
 technical study, appendix, 16721
 processing plants, chemical compounds authorized for use under USDA inspection programs, list, 16201
- Eilertsen, Donald E.:
 barite, 16553
 beryllium, 16554
 graphite, 16557
- Eisler, Thomas J., Taylor instability in stratified flow, 16596
- Elections:
 Federal elections act of 1966, report, 16093
 Guam legislature members, from election districts, provide by law, law, 15731
 political campaigns, financing, hearings, 16182
 Virgin Islands Governor, popular election, hearings, 15975
- Electric bridges, Wheatstone bridge type of combustible gas indicator, maritime safety data, 16525
- Electric cables, withstands severe environmental conditions, 16642
- Electric conductivity, changes produced in ice by optical irradiation 0.8 to 2.7 μ , 15505
- Electric conductors, *see* Superconductors.
- Electric controllers, electrical control equipment, industrial plant equipment handbook, 16209
- Electric currents:
 coaxial Hall current accelerators, at moderate pressures, 16648
 superconducting current-carrying capacity in niobium through hydrogen treatment, enhancement, 16693
- Electric lines, overhead electric transmission line study, report, 16123
- Electric machinery, new laboratory for electric machines in electrical engineering faculty in Belgrade, Yugoslavia, 16498
- Electric power, *see* Electricity.
- Electric pulses, *see* Pulses.
- Electric switchgear, solid-state switch increases switching speed, 16644
- Electric wire and wiring, scaling underwater exploding wires, 16754
- Electrical, *see* headings beginning Electric.
- Electricity:
 current measurement in launch vehicle checkout, 16665
 national electric rate book, 16274-276
 output-power capability, linear class B audio amplifier, load-impedance and waveform effects analysis, 16758
 publications, price list, 16788
 rural, borrowers, statistical report, 16818
 thermal integration of electric power and life support systems for manned space stations, 16590
- Electrochemical analysis, studies of acids, bases, and salts by emf, conductance, optical, and kinetic methods, 16717
- Electrochemical Analysis Section, National Bureau of Standards, progress report, 16717
- Electrochemistry, *see* Electrochemical analysis.
- Electrodes, platinum, interaction of carbon dioxide with hydrogen chemisorbed, 16764
- Electrodynamics, superconducting parallel path circuit, 16770
- Electrolysis:
 repetitive, influence on winning molybdenum, 16579
 water vapor unit, design and development, 16613
see also Electrochemical analysis.
- Electrolytes:
 content in biological fluids in hypoxia and function of cochlea, USSR study, 16422
 transport through membrane systems, 16372
- Electromotive force, electromotive analysis of acids, etc., by emf, conductance, optical and kinetic methods, 16717
- Electron beams, Soviet technology, 16440
- Electron guns, Pierce-type, numerical analysis, 16760
- Electron microscopy, secondary emission electron microscopy for examining materials containing dispersed oxide particles, 16700
- Electronic circuits, *see* Circuits.
- Electronic computers:
 analog computation equipment, USSR catalog, 16502
 equipment, improving Bulgarian training program for, 16507
 ISKRA-Z-23 V electronic computing machine, Yugoslavian study, 16456
 program for solving heat flow problems, 16627
 programming, soils tests data, 16817
 simulation program, adaptable to industrial processes, 16641
 USSR, use in planning, 16488
- Electronic cross sections, *see* Cross sections.
- Electronic data processing systems:
 control lines maintenance, FAA handbook, 16256

INDEX

- Electronic data processing systems—Con.
data processing equipment, East German
study, 16483
- single particle energy levels and wave
functions in nuclear structure calcula-
tions, Fortran program, 16720
- Electronics, publications, price list, 16788
- Electrons, angular distributions ejected from
helium by protons, 16695
- Electroplating, eliminates gas leakage in
brazed areas, 16637
- Electrosorption, desalination by electrosorp-
tion and desorption, 16373
- Electrovacuum materials, assortment and
use, USSR study, 16476
- Elementary education:
disadvantaged children—
administration of elementary school
programs, 16225
bibliography, 16229
elementary and secondary education act
amendments of 1966, report, 15924
- Elements (chemical), *see* Chemical elements.
- Elias, Z. M., spherical shell with non-axi-
symmetric boundary, 16595
- Elko County, Nev., geochemical reconnais-
sance, 16355
- El Paso County Water Improvement District
No. 1, approving contract, law, 15725
- Emergencies, *see* Disasters.
- Emf, *see* Electromotive force.
- Employee training:
employer encouragement for on-the-job
training, hearings, 16192
planning and conducting on-the-job train-
ing guide, 15482
- Employees, earnings and hours in selected
small metropolitan areas of South,
16539
see also Government officials and em-
ployees.
- Employers, encouragement for on-the-job
training, hearings, 16192
- Employment:
Government services, urgent need for
talent, 16540
job placement of specialists, shortcomings
in USSR plan, 16480
job vacancy statistics, report, 15779
rural youth job needs, community action
program, 16221
see also Women.
- Employment Security Bureau:
general aptitude test battery, manual,
norms, occupational aptitude pattern
structure, 16246
programs (address), 16244
- Employment Service:
general aptitude test battery, norms, spe-
cific occupations, manual, 16247
how it helps the handicapped, seven
services, 16248
- Employment taxes:
increase unemployment tax rate—
amendments recommended by Labor
Department, 16181
report, 15842
- Energy, *see* Atomic energy—Radiant energy.
- Enforcement of law, *see* Law enforcement.
- Engel, George T., mercury, 16562
- Engineering:
journal of research, National Bureau of
Standards, 16713
materials, Soviet conferences, 16428
wood-plastic composites, engineering study
for manufacturing, 15534
see also Mining engineering.
- Engineers:
career opportunities, civilian, Air Force
Dept., 15485
employment in industrial research, etc.,
1963, final report, 16740
- Engineers Corps, Army, career opportunities,
16252
- Engines (aircraft):
management in ground training programs,
Air Force Dept., GAO follow-up review,
16343
- Engle, Harry C., relief, 16008
- Englert, Gerald W., high-energy ion beams
used to accelerate hydrogen propellant,
etc., 16702
- English Channel, lights and fog signals, list,
change, 16746
- English language:
classify non-projective structures, to con-
struct machine-grammar, USSR, study,
16448
teaching forum, facts and ideas for teacher
of English as foreign language, 16892
- Entry into atmosphere, *see* Atmospheric
entry.
- Environment:
controlled, clean room and work station
requirements, Federal standards, 16289
electrical cabling withstands severe en-
vironmental conditions, 16642
hospital, better patient care through re-
search, education, and consultations,
16801
industrial, evaluation and control, syllabus
laboratory manual, 16802
Mississippi River Delta, impact of pesti-
cides, 15467
radioiodine, controlled environmental
tests, 15531
space environment simulators, manrating,
aerospace medicine considerations, 15481
thermal and pressure environments in base
of Saturn S-1C booster from Mach 0.1
to 3.5, wind-tunnel investigation, 16678
- Equal Employment Opportunity Commis-
sion:
appropriations, 1967—
hearings, 15955
report, 15938
- Equal pay for equal work, *see* Women.
- Equal rights, *see* Women.
- Equations:
differential, ordinary, solution by means
of Lie series, 16592
Helmholtz wave equation, nonseparable
solutions examined for applications,
15523
linear exchange model, USSR study, 16433
proposed, for calculation of forces on
sphere accelerating in viscous fluid, verifi-
cation, 15508
- Equations of motion, orbital, integrating for
use in space navigation, 16687
- Equatorial Guinea, *see* Ferdinando Po—Rio
Muni.
- Equilibrium, radioactive, extent between
radon and its short-lived daughter prod-
ucts in atmosphere, 16757
- Equipments, *see* Military supplies—Veteri-
nary instruments and apparatus.
- Erényi, Gizella, relief, 15791
- ERIC, *see* Educational Research Information
Center.
- Erie, Lake, water pollution, control, etc.,
hearing, 15974
- Erikson, Leif, what is significance of his
achievements? (remarks), 15542
- EROS (earth resources observation satel-
lite), *see* Satellites.
- Espinosa, Mario V. Machado, *see* Machado
Espinosa, Mario V.
- Estate tax, *see* Inheritance and transfer tax.
- Estates, *see* Decedents' estates.
- Estuaries, preserve, develop, etc., for sport,
recreation, etc., report, 15939
- Etching, system for thick aluminum layers
minimizes bridging and undercutting,
16623
- Ethnology, publication, price list, 16787
- Euler's theorem on rotations, *see* Rotation.
- Eureka-Animas Forks area, Colo., manganese
occurrences in San Juan Mountains, 16558

- Europe:
 Eastern, unified scientific research program, 16431
 United States policy toward Europe, hearings, 16136
 Western, interest rates, 16280
- Evacuation, dependents of members of uniformed services from danger area, authorize special allowances, law, 15775
- Evaluating growth performance of young stands, 16324
- Evaporation:
 studies (series), 16359
 study in humid region, Lake Michie, N.C., 16359
- Evidence:
 admissibility of slip laws and TIAS series, report, 16082
 refusal to testify, compelling of testimony and granting immunity in certain crimes, amend U.S. Code, report, 16108
- Examinations, *see* Civil service—*also* types or subjects of examinations.
- Excise taxes, *see* names of items taxed.
- Executive departments, *see* Government offices—Government supplies.
- Executive Office of the President, appropriations 1967, law, 15699
- Executive offices, *see* Government offices.
- Executive Papers, Joint Committee on Disposition of, report, 15836
- Exhaust nozzles, *see* Nozzles.
- Exhaust plumes, *see* Jet plumes.
- Exhibitions, *see* subject.
- Exhibits:
 Arts and Industries Building, Smithsonian Institution, guide map, 16824
 History and Technology Museum, Smithsonian Institution, guide map, 16825
 Natural History Museum, Smithsonian Institution, guide map, 16826
- Expenditures, consumer expenditures and income, rural farm population, northeastern region, 15438
- Experimental medicine, *see* Medicine.
- Explosions:
 shipyard hazards, maritime safety date, 16522
 underwater, scaling exploding wires, 16754
- Explosives:
 and blasting agents, industrial, in United States, 1965, consumption, 16552
 incendiivity to coal dust, improved method for evaluating, 16373
- Export-Import Bank of Washington, appropriations, 1967, reports, 15915, 16159
- Exports, United States trade with major world areas, 15648
see also names or classes of articles exported.
- Eyes:
 disorders, summary of research progress, 16809
 saccadic movements, visual and control aspects, 16594
 visual accommodation system in humans, 16612
see also Ophthalmology.
- F**
- F.A.A., *see* Federal Aviation Agency.
 F.H.A., *see* Farmers Home Administration.
 F.N.M.A., *see* Federal National Mortgage Association.
 F.A.A., *see* Federal Aviation Agency.
 Face, *see* Head.
 Fair labor standards act, *see* Labor standards.
 Fair packaging and labeling act, *see* Packaging.
 Fajardo-Carpio, Arturo V., relief, 15675
 Fall out, *see* Radioactivity.
- Families, income, 1965 median, 15592
 Far East, *see* East (Far East).
 Farm buildings, cooperative farm building plan exchange (series), 15454-456
 Farm Credit Administration, appropriations, 1967, law, 15735
 Farm credit examiners, examination announcement, amdt., 15627
 Farm labor, hired working force of 1965, statistical report, 16224
 Farm prices, *see* Prices.
 Farm products, *see* Agricultural products.
 Farm workers, *see* Farm labor.
 Farmer Cooperative Service, general report, 16254
 Farmers' bulletins, 15442-444
 Farmers cooperative associations, discrimination against members, hearings, 16168
 Farmers Home Administration:
 consolidated act of 1961, amend, report, 16153
 insured loans, payment of installments, report, 16153
 loans on leased lands in Hawaii, authorize, law, 15756
 Farming, *see* Agriculture.
 Farrell, James L.:
 attitude determination by Kalman filtering, 16608-609
 FAS-M series, 16319
 Fazar, Willard, address, Jan. 24, 1966, 15561
 Federal aid, *see* Grants-in-aid.
 Federal Aviation Administration, establish, report, 16158
 Federal Aviation Agency:
 airmen, other than flight crewmembers, certification, Federal aviation regulations, 16262
 FAA handbook series, 16255-256
 Federal aviation regulations, 16257-265
 general aviation inspection aids, summary, 16266
 rule making procedures, FAA regulations, 16257
 transfer, report, 16158
 Federal civil defense guide, 15619-620
 Federal Communications Commission, regulatory and enforcement activities relating to small business, hearings, 15991
 Federal Deposit Insurance Corporation:
 regulatory authority, strengthen—
 hearings, 15963
 report, 16101
 Federal employees, *see* Government officials and employees.
 Federal Fire Council:
 fire experience, 16353
 minutes of meeting, 16352
 Federal focal point in outdoor recreation, 16774
 Federal Government, *see* Government.
 Federal grading services, *see* Grading of commercial products.
 Federal Highway Administration, establish, report, 16158
 Federal Home Loan Bank Board:
 regulatory authority, strengthen—
 hearings, 15963
 report, 16101
 Federal Housing Administration, minimum property standards for urban renewal rehabilitation, 16272
 Federal Maritime Administration:
 establish, report, 16158
 independent agency, establish—
 hearings, 15984
 reports, 15873-874
 Federal Maritime Commission:
 appropriations, 1967—
 hearings, 15955
 report, 15938
 Federal Mediation and Conciliation Service, appropriations, 1967, report, 16151

INDEX

- Federal Metal and Nonmetallic Mine Safety Board of Review:
create—
law, 15750
report, 16072
- Federal National Mortgage Association, increase borrowing authority, report, 15846
- Federal Radiation Council, appropriations, 1967, report, 16151
- Federal Railroad Administration, establish, report, 16158
- Federal Republic of Germany, *see* Germany.
- Federal reserve banks:
direct purchase of U.S. obligations, extend authority, reports, 15840, 15845
Government bonds held, retirement of \$30 billion interest-bearing obligations, hearings, 15964
- Federal reserve chart book, financial and business statistics, historical supplement, 16279
- Federal reserve member banks, condition statement, weekly reporting revision, 16285
- Federal reserve system:
Federal reserve act, amend—
law, 15764
report, 16131
State banking institutions, membership, regulations, 16284
- Federal Reserve System Board of Governors: regulatory series, 16284
regulatory authority, strengthen—
hearings, 15963
report, 16101
- Federal Savings and Loan Insurance Corporation:
regulatory authority, strengthen—
hearings, 15963
report, 16101
- Federal service, *see* Civil service.
- Federal specifications, *see* Government supplies.
- Federal standard, 16289
- Federal statistics, decade of progress, remarks, 15644
- Federal Trade Commission, regulatory and enforcement activities relating to small business, hearings, 15990
- Federal wage-hour law, *see* Labor standards.
- Feed, *see* Food for livestock—Food for poultry.
- Fees, brokers', for VA property management, report, 16143
- Fehlberg, Erwin, one-step integration methods applied to problems in celestial mechanics, 16708
- Feldman, Herman, relief, 15797
- Fellowships:
Fulbright-Hays graduate, overseas projects in education, 16233
NIH staff fellowship program, 16804
- Feng, Paul Y., radiation synthesis involving halogen compounds, 15529
- Feole, Maria G. I., relief, 16044
- Ferdinando Po, Equatorial Guinea, background notes, 16847
- Fernandez-Bravo y Amat, Alberto, relief, 16060
- Fernandez-Conde, Augusto J., relief, 15833
- Ferrando, Maria Jordan, *see* Jordan Ferrando, Maria.
- Ferrous metals, oxygen determination in standard reference materials 1090, etc., 16714
- Fertilizers:
commercial, consumption in U.S., 16870
manure tank, circular concrete, 15453
FG series, 15621-622
FHA, *see* Farmers Home Administration.
- Fiberglass, *see* Glass fibers.
- Fibrous glass, *see* Glass.
- Field, Barry C., import competition in fruits and vegetables, 16727
- Films (photography), *see* Motion pictures.
- Filters and filtration, *see* Radio frequency filters.
- Finance:
agriculture balance sheet, 15441
financial assistance programs, Small Business Administration, summary, 16823
financial statements, Columbia River Federal Power System, examination, GAO report, 16342
management of Federal credit programs in Great Society (remarks), 16882
statistics, Federal reserve chart book, historical supplement, 16279
- Finance Committee, Senate:
committee print, 16181
hearings, 16182-185
reports, 16071, 16076, 16129-130
- Financial assistance, *see* Grants-in-aid.
- Financial institutions, *see* Banks and banking.
- Financial statements, *see* Finance.
- Fine Arts Commission, publications, price list, 16787
- Finite-thrust escape from and capture into circular and elliptic orbits, 16675
- Fins (cooling):
central fin-tube radiators, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
- Fir, Douglas, south-central Idaho, initial vegetal development following prescribed burning, 16337
- Fire control, *see* Forest fires.
- Fire fighting, *see* Fires.
- Fire Heart Creek site, archeology, 16827
- Firearms, laws enforced by Alcohol and Tobacco Tax Division, 16380
- Firemen (firefighters):
District of Columbia Fire Department—
include members in Police Department band, report, 15872
retirement benefits for older totally disabled, report, 15853
salaries, increase, reports, 15853, 16139
- Fires:
Federal Fire experience, 16353
firefighting and rescue operations, Army technical manual, 15515
industrial fire safety today, 16352
municipal fire service, future, 16352
nuclear, defending United States from, national fire coordination study, 16320
shipyard hazards, maritime safety data, 16522
see also Forest fires.
- Fish and fisheries:
cooperative fishery units, annual report, 16311
current fishery statistics, CFS series, 16294-296
Delta National Wildlife Refuge, list, 16310
establish 12-mile fishery zone, report, 15931
fish as source of human poisoning, USSR study, 16486
fishery marketing development series, 16299
fishery products, irradiated-pasteurized, study, 15539
fishing in National park system, general information, 16736
Georgia landings, 16296
Great Lakes convention, amending agreement with Canada, 15999
Michigan, Ohio & Wisconsin landings, annual summary, 16294
national survey of fishing, 16312
protein concentrate, experiment and demonstration plants—
hearings, 16180
reports, 15941, 16080
publications, price list, 16785
seafood, heirloom recipes to treasure, 16299

Fish and fisheries—Continued
special scientific reports, fisheries series, 16313
sport and commercial, estuarine areas, preserve, etc., report, 15939
Virginia landings, annual summary, 16295
Fish and Wildlife Service :
circulars, 16297-298
fishery marketing development series, 16299
refuge leaflets, 16300-310
special scientific reports—
fisheries series, 16313
wildlife series, 16314
Fisheries, *see* Fish and fisheries.
Fishery marketing development series, 16299
Fishery products, *see* Fish and fisheries.
Fishery Services Division, cooperative fishery units, annual report, 16311
Fishes, *see* Fish and fisheries.
Fishing, *see* Fish and fisheries.
Fisk, Allen L., Missouri Basin Inter-Agency Committee, minutes of 145th meeting, 16588
Flags, our flag, story, etc., print additional copies as H. doc., report, 16096
Flammable gases, *see* Gases.
Flax, Lawrence, monotonic magnetostriction for nonferromagnetic materials, 16674
Fleet Marine Force manual FMFM series, 16547-548
Flight :
instructors, certification, Federal aviation regulations, 16260
physician flight accidents, 15539
test guide, private pilot, single-engine airplane, 16317
see also Aircraft—Instrument flying.
Flight crews :
factors affecting aircrew morale, 15490
members other than pilots, certification, Federal aviation regulations, 16261
Flight engineers, certification, Federal aviation regulations, 16261
Floods :
control, unified national program for managing losses, report by Task Force, 15785
Federal financial assistance to victims, insurance and other programs, reports, 15987, 16177
Florida :
central and southern, flood-control project, designate W. P. Franklin Lock and Control Structure, report, 16149
congressional districts, 90th Congress, 15609
Flotation :
Boule, mechanism on water and other liquids, 16375
selective, of mica from Georgia pegmatites, 16575
Flour mills, milling industry, organization and competition, 16729
Flow :
heat flow problems, computer program solves wide variety, 16627
interaction of 2-dimensional jet with parallel flow, 15522
matching flow characteristics of standard shutoff valves eliminates need for custom fabricated valves, 16638
shock-induced separated flow, wind-tunnel predictions correlated with flight results, 16661
stratified, Taylor instability, 16596
supersonic—
linearized, about pointed bodies of revolution, analysis by method of characteristics, 16659
skin friction, evaluation and reduction, 16668
turbulence flow of liquids, USSR study, 16442

Flow—Continued
vertical, buoyance effects on critical heat flux of forced convective boiling, 16707
weak locally homogeneous turbulence in idealized flow through cone, 16679
Fluid amplifiers, jet, with reduced receiver-interaction-region coupling, design, 16701
Fluid mechanics, *see* Hydromechanics.
Fluorides, binary mixtures, density and molar volumes, 16581
Fluorine, and compounds, rocket fuel oxidizers, USSR study, 16473
Flying, *see* Instrument flying.
FNMA, *see* Federal National Mortgage Association.
Fog signals :
Naval Oceanographic Office, list—
Baltic Sea with Kattegat, etc., 16747
British Isles, etc., 16746
Foils, *see* Aluminum foil.
Foley, Eugene P. :
addresses—
Sept. 12, 1966, 15640
Oct. 11, 1966, 15639
Foliage, *see* Leaves.
Food :
buses, standards, handbook, 16794
consumption, United States, sources of data and trends, 1909-63, supplement, 15479
costs—
components of farm-retail price spreads, 16732
farm prices, information relating to agriculture, 15954
retail prices, farm prices, etc., 15450
emergency mass feeding, basic course, instructors guide, 15624
food, drug, and cosmetic act—
amend
hearings, 15979
law, 15702
enforcement regulations, 16318
food for peace—
act of 1966, report, 15927
from people of United States, 15461
in time of need, USDA's commodity distribution program, 15470
manufacturing, structure, report, 16731
marketing, special studies, 16733
private labels, frequency of use by distributors, 16733
retailing, organization and competition, 16730
school lunches, billion-dollar market, 15459
what food means to people, guide for program aides in home economics, 15457
see also School lunches.
Food, drug, and cosmetic act, *see* Cosmetics—Drugs—Food.
Food for cattle, *see* Food for livestock.
Food for livestock :
economies of scale in cattle feeding, 16722
pneumatic conveyor for distributing farm feed, 15477
Food for poultry, pneumatic conveyor for distributing farm feed, 15477
Food poisoning, fish as source of human poisoning, USSR study, 16486
Food stamps, food stamp program, expanding, 15466
Football, professional teams, authorize merger of leagues and protect secondary schools from professional football telecasts, report, 16156
Forage crops, Appalachian hillside pasture, basic information, 15447
Force and energy, forces on sphere accelerating in viscous fluid, proposed equation for calculation of, verification, 15508
Forecasts, cybernetic predicting devices, USSR study, 16449

INDEX

Foreign Affairs Committee, House :
 hearings, 15967, 15969
 reports, 15850, 15919
 subcommittee print, 15968
 Foreign Agricultural Service, miscellaneous,
 FAS-M series, 16319
 Foreign aid :
 foreign assistance act of 1961, amend,
 reports, 15850, 15862
 foreign assistance act of 1966, reports,
 15850, 15862
 foreign assistance appropriations, 1967,
 reports, 15915, 16159
 foreign assistance authorization, 1966,
 supplemental, hearings, print additional
 copies, report, 15882
 U.S. economic assistance programs in Viet-
 nam, investigation, report, 15950
 Foreign assistance, *see* Foreign aid.
 Foreign Claims Settlement Commission :
 appropriations, 1967—
 hearings, 15955
 report, 15938
 Foreign commerce, *see* Commerce.
 Foreign exchange, regulations governing
 operations, 16879
 Foreign policy, *see* International relations.
 Foreign relations, *see* International relations.
 Foreign Relations Committee, Senate :
 hearings, 16186
 reports, 16001-2, 16102-103, 16136-137,
 16157, 16166
 Foreign Service :
 annuities, increase, and other employee
 benefits, report, 16157
 building acts, amend, report, 16137
 department and foreign service series,
 16854
 Foreign studies extension, overseas projects
 in education, 16232
 Foreign trade, *see* Commerce.
 Forest fires, south-central Idaho Douglas-fir,
 initial vegetal development following pre-
 scribed burning, 16337
 Forest pest leaflets, 16322
 Forest Service :
 research notes, 16323-335
 research papers, 16336-339
 timber-cutting practices in Pacific North-
 west Region, need for effective controls,
 GAO report, 16345
 Forests and forestry :
 insects, conditions in United States,
 16321
 litter in longleaf pine stands, thinned to
 prescribed densities, 16334
 prescribed burn, effect on habitat, 16329
 research notes, 16323-335
 research papers, 16336-339
see also Forest fires.
 Forms, blanks, etc. :
 management guide, 16772
 standard forms, standard, optional, and
 GSA forms, 16290
 Forsberg, Kevin, modal characteristics of cy-
 lindric shells, 16618
 Fort Worth, Tex., Federal office building,
 name in honor of Fritz Garland Lanham,
 law, 15723
 Fortran program, *see* Electronic data proc-
 essing systems.
 Fourth-class mail rates, *see* Postage.
 Fowler, Henry II. :
 statements, remarks, etc.—
 Sept. 21, 1966, 16890
 Sept. 28, 1966, 16891
 Oct. 14, 1966, 16884
 Fox, Charles H., radioactive wastes, 15549
 Fracture of metals, impact fracture of walls
 of liquid-filled tanks, effect of projectile size
 and material, 16688
 Frames, house-framing system for low-cost
 construction, 15452

France :
 American military installations and NATO
 bases, on-site inspection, subcommittee
 report, 15961
 manpower policy and programs, 16515
 weather stations, cooperative program on
 Guadeloupe Island, agreement, 16867
 withdrawal from military cooperation in
 NATO, report, 15919
 Franchise tax, District of Columbia, amend
 act, law, 15761
 Franco, John J., navigation conditions at
 Locks and Dam no. 4, Monongahela River,
 16250
 Frankfort, J. H., engineering and evaluation
 study for manufacture of wood-plastic
 composites, 15534
 Franklin, W. P., Lock and Control Struc-
 ture, *see* W. P. Franklin Lock and Con-
 trol Structure.
 Fraud, sale of real estate subdivisions
 through mails and in interstate commerce,
 prevent, hearings, 16178
 Fredga, Kerstin, temperature control unit
 for sounding rocket applications, 16655
 Freeberg, Jacquelyn H., terrestrial impact
 structures, 16356
 Freedman, Alfred M., address, July 26, 1965,
 16790
 Freeways, *see* Roads and highways.
 Freight rates, ocean, military cargoes, by
 U.S.-flag ships at reduced rates, report,
 16109
 Frequency, absorption coefficient of seismic
 waves, determination of dependence,
 16444
 Friction, *see* Internal friction—Skin friction
 (aircraft).
 Fritz Garland Lanham Federal Office Build-
 ing, Fort Worth, Tex., name, law, 15723
 Fruit :
 import competition, 16727
 industry, organization and competition,
 16727-728
 processed, plants under USDA continuous
 inspection, list, 16202
 selected fruits and products, homemakers
 use of and opinions about, 15449
see also Citrus fruit.
 Fruits, *see* Fruit.
 Fuel, rocket fuel, fluorine and compounds as
 oxidizers, USSR study, 16473
 Fuel oil, burner fuel oils, petroleum prod-
 ucts survey, 16569
 Fulbright program, *see* Education.
 Funds, unauthorized use of management and
 investigations of resources funds for new
 construction, by Sport Fisheries and Wild-
 life Bureau, GAO report, 16351
 Fur, catch in U.S., 1965, 16316
 Fur seals, *see* Seals (animals).

G

Gallaudet College, model secondary school
 for deaf to serve National Capital region,
 establishment and operation, hearings,
 15966, 16194
 Game and game birds, big game inventory,
 16315
 GAO, *see* General Accounting Office.
 Gardens, home and garden bulletin, 15445
 Garvin County, Okla., thermal recovery and
 2 waterflood projects, 16560
 Gas indicators, combustible, Wheatstone
 bridge type, maritime safety data, 16525
 Gases :
 flammable, temporary lights, maritime
 safety data, 16523
 flammable, temporary, portable, shipboard
 ventilation for control, maritime safety
 data, 16524
 hazards trainer, maritime safety data,
 16520
 ionized gases, international conference on
 phenomena, in, USSR report, 16510

- Gases—Continued**
leakage in brazed areas, eliminated by electroplating, 16637
nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
- General Accounting Office:**
audits of Government contracts, 16340
Comptroller General decisions, July 1, 1964–June 30, 1965, 16341
Comptroller General, retirement, further provision—
law, 15710
report, 15844
- General Services Administration:**
administrator to accept title to John Fitzgerald Kennedy Library, authorize, report, 15864
Public Printer to print for and deliver to GSA additional copy of certain publications, report, 16132
supply sources, savings to AEC contractors through increased purchasing from, GAO report, 16346
- Genetics, effects of radiation, 15547**
- Geochemistry:**
contributions to geochemical prospecting for minerals (series), 16355
geochemical reconnaissance in Peqaop Mountains and Wood Hills, Elko County, Nev., 16355
- Geodesy, Hungarian, conditions, problems, and plans, 16487**
- Geographic Names Board, gazetteers, 16354**
- Geographical names:**
gazetteers, 16354
Mauritania, standard place names, 16354
- Geography:**
Acta geographica Sinica (Chinese periodical), translations, 16402
economic, symposium, geographical society of China, 16455
see also Zoogeography.
- Geological review (Chinese periodical):**
translation, 16494
- Geological Survey:**
bulletins, 16355–357
professional papers, 16359–361
water supply papers, 16362–364
- Geology:**
North American, bibliography, 16357
symposium on geomorphology and economic geography held by geographical society of China, 16455
- Geomorphology, *see* Geology.**
- George Rogers Clark National Historical Park, establish, law, 15707**
- Georgia:**
landings, fish and shellfish, 16296
pegmatites, selective flotation of mica, 16575
- Geothermal energy, steam deposits and associated resources, disposition, report, 15933**
- Germany:**
Federal Republic—
manpower policy and programs, 16515
vested paintings, transfer in trust for Weimar Museum, reports, 15921, 16154
weapons, obsolete German, donate to, law, 15716
- Gertz, D., unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536**
- Ghana, background notes, 16848**
- Gilliland, Whitney, remarks, Sept. 26–28, 1966, 15612**
- Glacial period, late Pleistocene marine paleoecology and zoogeography in central California, 16361**
- Glass, fibrous glass, 1965, current industrial reports, 15584**
- Glass fibers, production, methods and applications, USSR study, 16438**
- Glidden, David B., relief, 16037**
- Goats, dairy, for home milk production, 15446**
- Gold:**
mining industry, production incentives, report, 16119
ores, census of mineral industries, 1963 industry statistics, 15575
Gold star lapel buttons, *see* Lapel buttons.
- Gomez, Anselmo S. Alvarez, *see* Alvarez-Gomez, Anselmo S.**
- Gomez, Gustavo E., relief, 16014**
- Gonzalez, Hilda W. Perez de, *see* Perez de Gonzales, Hilda W.**
- Gonzalez-Mora, Antonio, and wife, relief, 16024**
- Goode, R. J., metallurgical characteristics of high strength structural materials, quarterly report, 16769**
- Goodwin, Robert C., address, Sept. 27, 1966, 16244**
- Goodyear, W. H., computation of cartesian coordinates and partial derivatives of two-body problem, 16589**
- Gosselin, Dean H., relief, 16050**
- Government:**
business economist and Government (remarks), 15642
Federal, organization and employees, title 5, U.S. Code, enact, law, 15733
Federal, use of polygraphs as lie detectors, report, 15930
industry cooperation (address), 15562
local, unshackling, survey of proposals by Advisory Commission on Intergovernmental Relations, report, 15843
reports, U.S., popular names, catalog, 16546
services, urgent need for talent, 16540
use of satellite communications, hearings, 15973
womanpower, shortage or surplus? assessment in Boston, conference report, 16912
see also headings beginning Government.
- Government contracts:**
Atomic Energy Commission facilities, contractors savings through increased purchasing from GSA supply sources, GAO report, 16346
audits by GAO, 16340
buildings and land, long-term leasing, Defense Dept., GAO report, 16344
contractors to give affidavit of payment of subcontractors, report, 15888
motor vehicle leasing for use of contractors, Defense Dept., GAO review, 16348
negotiated, examination-of-records clause requirement, exempt foreign contractors, law, 15774
renegotiation act of 1951, extend, report, 16071
- Government employees, *see* Government officials and employees.**
- Government offices:**
accounting adjustments between appropriations, authorize, law, 15698
general Government matters, appropriations, 1967, continue—
law, 15704
report, 15856
independent offices, appropriations, 1967—
law, 15734
report, 16090
need for, and development of interagency management information systems, presentation, 15561
organization and employees, title 5, U.S. Code, enact, law, 15733
records and papers, disposition, report, 15836
regulatory and enforcement agencies, activities relating to small business, hearings, 15990–991
see also Government supplies.

INDEX

Government officials and employees :
 Government organization and employees, title 5, U.S. Code, enact, law, 15733
 hazardous duty pay, amend classification act, report, 16070
 imported household and personal effects, customs requirements, 16205
 leave not to be charged for absence as result of hostile action abroad, report, 16157
 moving and storage expenses of household goods of Federal employees assigned to isolated duty stations, reimburse, law, 15706
 variation of 40-hour workweek for educational purposes, law, 15703
see also Civil service.

Government Operations Committee, House :
 hearings, 15970-974
 reports, 15843-844, 15847, 15864, 15918, 15920, 15929-930, 15950

Government Operations Committee, Senate :
 hearings, 16187-188
 report, 16158

Government Printing Office :
 appropriations, 1967, legislative—
 hearings, 16171
 law, 15727
 print and deliver to GSA additional copy of certain publications, report, 16132

Government publications :
 additional copy of certain publications for GSA, Public Printer to print, report, 16132
 price lists, Public Documents Division, P.L. series, 16785-789
see also names of departments, etc., issuing publications—*also* subjects.

Government regulation and control, selected services used by shippers and receivers of fresh fruit and vegetables, 16728

Government reorganization plans :
 National Capital Regional Planning Council, report, 15918
 Public Health Service, hearing, 16188

Government securities, direct purchase by Federal reserve banks, extend authority, reports, 15840, 15845

Government supplies :
 Federal specifications, 16288
 Federal standards, 16289
 Federal supply classification, directory and planning schedule of class and area assignments, 16214
 GSA stock catalog, 16290

Grading of commercial products, dairy plants surveyed and approved, USDA grading service, 16200
see also names of products.

Graf, Truman F., cheese production in United States, 16726

Grain, storage facilities, sale, hearing, 15951
see also names of grains.

Grain elevators, terminal, unloading boxcars of grain in hard winter wheat area, 15434

Grammar, *see* English language.

Grand Coulee Dam, third powerplant, construction, etc., appropriation, 15784

Grants-in-aid :
 air pollution control programs—
 hearing, 15982
 report, 15946
 airport program, extend time for making grants, report, 15940
 airports, Federal aviation regulations, 16264
 allied health professions personnel training act of 1966, report, 15841
 areas eligible for financial assistance, map, 16218
 child food service programs, reports, 15865, 15890
 community mental health centers act, assistance (address), 16790

Grants-in-aid—Continued
 demonstration cities and metropolitan development act of 1966, report, 15897
 education, elementary and secondary, amendments of 1966, report, 15924
 foreign studies extension, overseas projects in education, 16232
 health, grants made by PHS to Indiana, financial administration, GAO review, 16347
 health planning and services, report, 16161
 higher education amendments of 1966, report, 16167
 highway construction act of 1966, law, 15749
 highway program, Louisiana, highway construction practices, report, 15948
 highway safety—
 law, 15742
 report, 16078
 historic sites preservation, report, 15892
 international education, hearings, 16193
 juvenile delinquency and youth offenses control act training grants awarded, Sept. 1964-Sept. 1965, summaries, 16906
 library services and construction act, extend and amend, report, 16067
 manpower development and training act of 1962, guidelines for research, 16513
 Philippine hospitalization and medical care of veterans, extend—
 hearing, 16195
 reports, 15866, 15877, 16133
 public works and development facilities, facts, 16217
 sea grant colleges, reports, 15863, 16081
 summer seminars, overseas projects in education, 16243
 urban mass transportation, increase, law, 15740
 veterinary medical education facilities construction and student loan program, report, 15943
 water pollution control, reports, 15909, 15925
 Wisconsin, for Menominee County, etc., report, 15894

Graphite :
 liquid zirconium and niobium carbides containment between 3500° and 4700° K, 16614
 minerals yearbook chapter, 16557

Grasshoppers, control on rangeland, hitting the hot spots, 15474

Graves, Albert H., unloading boxcars of grain at terminal elevators in hard winter wheat area, 15435

Gravity :
 earth's longitude gravity field, sensed by drift of 3 synchronous satellites, 16658
 effects of gravity level on boiling in discrete bubble region, 16651
 passive gravity-gradient stabilization, symposium, 16620

Grazing, *see* Pasture lands.

Grease, *see* Lubricants.

Great Britain :
 atomic energy, cooperation for civil power applications, agreement, 16861
 atomic energy, cooperation for civil uses, agreement, 16864
 lights and fog signals, list, change, 16746
 manpower policy and programs, 16515

Great Lakes :
 fisheries convention with Canada, amending, 15999
 pilot, survey, supplement, 16543
 water pollution, control, etc., Lakes Ontario and Erie, hearing, 15974

Great Plains, central, Indians, general information, 16369

Great River Road, 5-cent commemorative postage stamp (poster), 16781

Great Salt Lake :
 relicited lands conveyance, amend act—
 law, 15724
 report, 16068
Great Society, financial management of Federal credit programs (remarks), 16882
Greenhouses, windowsill, plastic, construction, etc., 15476
Greenland, northwest, seismic survey, 15509
Green's function, approach to thin spherical shell segments, 16611
Greenup Locks and Dam, Ohio River, Ky., culvert pressures, hydraulic prototype tests, 16249
Grids, lead-antimony alloys intergranular corrosion, investigation, 16763
Griffin, William S., design of fluid jet amplifier with reduced receiver-interaction-region coupling, 16701
Gross national product, explanation, and how it mirrors our economy, 15643
Ground effects related to landing of airplanes with low-aspect-ratio wings, 16663
Growth :
 performance of young tree stands, evaluation, 16324
 response of hardwoods planted in saturated soils, 16335
Guadeloupe, weather station, agreement with France, 16867
Guam :
 legislature, election of members from election districts, provide by law, amend organic act, law, 15731
 selected services area statistics, 1963 census of business, 15566
Guatemala, binational centers, observations, report, 15968
Guidance, see Counselors.
Guidance systems, interplanetary midcourse guidance using radar tracking and on-board observation data, 16686
Guilmette formation, see Devonian period.
Guist, LeRoy R., prediction of inversion load of circular tube, 16685
Gulf of Mexico, see Mexico, Gulf of.
Gulick, James W., statement, Oct. 4, 1966, 16549
Gypsy moth, see Moths.

H

Habeas corpus :
 jurisdiction and venue, amend U.S. Code—
 law, 15760
 report, 15886
 State custody, revise procedures, report, 15884
Haddon, William, jr., remarks, Sept. 22, 1966, 15660
Hahn, Otto, Enrico Fermi award, 1966 (remarks), 15545
Haidar, Walter, foreign trade regulations of Mexico, 16560
Halogens, compounds, radiation synthesis, final report, 15529
Hammons, Donald B., hog slaughtering and dressing systems, 15448
Handbooks, see names of departments, etc., issuing handbooks—also subjects.
Handicapped :
 children—
 education, preparation of professional personnel, manual, 16239
 financial assistance for physical education, etc., report, 16161
 military medical benefits act of 1966, report, 16091
 seven services, how Employment Service helps the handicapped, 16248
Handler, Jane, neighborhood legal services, new dimensions in law, 16904
Hanna, Norman E., evaluating incendivity of explosives to coal dust, 16573
Harbor workers, see Longshoremen.
Hard wheat, see Wheat.

Hardwoods :
 survival and 1st-year growth in saturated soils, 16335
 tropical, solar drying, 16338
Harness, Vernon L., cotton in Turkey, 16319
Harris, Roy V., jr., wave drag at lifting conditions, 16666
Harris Neck National Wildlife Refuge, birds, list, 16308
Hartman, Bryce O., factors affecting aircrew morale, 15490
Hassan, H. A., coaxial Hall current accelerators at moderate pressures, 16648
Hauser, Victor L., hydrology, etc., of runoff water in playas on southern High Plains, 15435
Hawaii, leased lands, authorize Farmers Home Admin. loans, law, 15756
Hay, Appalachian hillside pasture, basic information, 15447
Hayden, L. O. :
 optical calibration analysis of U.S. naval space surveillance system, 16761
 transistorized digital clock with serial binary-coded readout, 16765
Hazardous occupations, see Occupations.
Hazardous substances :
 labeling act, amend—
 hearings, 15979
 reports, 15942, 16121
Head, selected facial measurements of children for oxygen-mask design, 15555
Health :
 allied, professions personnel training act of 1966, report, 15841
 benefits program for retired members, and dependents of members of uniformed services, report, 16091
 comprehensive health planning and public health services amendments, report, 16161
 grants made by PHS to Indiana, financial administration, GAO review, 16347
 health information series, 16796-799
 industrial, engineers and chemists syllabus for short courses, laboratory manual, 16802
 longshoring, regulations, 16526
 public, professional training and cooperation amendments of 1966, hearings, 15979
 State data and rankings, 16365
 statistics, data from National Vital Statistics System, 16811-812
 surplus property utilization, hearings, 15972
 travel information, Asia, etc., Australia and New Zealand, 16795
see also Medical care.
Health boards and departments, State and territorial health authorities, 1966, directory, 16793
Health, Education, and Welfare Department : appropriations, 1967, report, 16151
 consumer services, transfer to Consumers Department, hearings, 15970
 organization, investigation, hearings, 15978
 programs and services, general information, compendium, 16366
Health insurance :
 credit, for student loans, increase maximum amount allowable in D.C., report, 15852
 enrollment for supplementary medical insurance, July 1, 1966, 16829
 medical benefits under medicare, 16830
 under social security, your medicare handbook, medical insurance, 16832
Health resorts, all-Union congress of physiotherapists and health-resort scientists in Baku, 16459
Hearing, monaural versus binaural discrimination for filtered CNC materials, impaired auditory mechanism, 15491

INDEX

- Heat, ablative heat-shield materials, high-velocity impact craters in determination of temperature and material effects, 16689
- Heat flux, *see* Heat transfer.
- Heat of adsorption, phenomena, and mechanism of reduction of iron oxides with carbon monoxide, 16577
- Heat transfer:
and pressure distributions on 60° and 70° swept delta wings having turbulent boundary layers, 16697
- Apollo afterbody, with and without ablation, 16683
- Apollo command module, effect of protuberances, etc., on distribution, 16647
- buoyancy effects on critical heat flux of forced convective boiling in vertical flow, 16707
- central fin-tube radiators, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
- computer program solves flow problems, 16627
- convective and radiative, during super-orbital entry, 16600
- see also* Thermal radiation.
- Heating, bilayer sheet in welding with laser beam, USSR study, 16463
- Heating apparatus and supplies, current industrial reports, 15585
- Heifers, *see* Cows.
- Heinen, Harold J., influence of repetitive electrolysis on winning molybdenum, 16579
- Heirloom seafood recipes to treasure, 16299
- Helicopters, large, flight study showing trends of lateral and longitudinal control response with size, 16672
- Heliports, District of Columbia, establish, hearings, 15988
- Helium, energy and angular distributions of electrons ejected by protons, 16695
- Helmholtz equation, *see* Equations.
- Hely, Allen G., hydrologic regimen of Salton Sea, Calif., 1636
- Hematology, *see* Blood.
- HemisFair 1968:
U.S. participation, amend act—
hearing, 15967
report, 16166
- Hemmig, P. B., conference on neutron cross section technology, proceedings, 15528
- Hemophilia, general information, 16798
- Henderson, William P., factors affecting drag due to lift at subsonic speeds, 16664
- Hendrickson, Nora A., relief, 15802
- Hens, *see* Poultry.
- Hernandez, Alfredo, relief, 15679, 15794
- Hernandez, Guillermo N., jr., relief, 16016
- Hernandez, Hector J. Sanchez, *see* Sanchez-Hernandez, Hector J.
- Herzog, Arthur, learn, baby, learn, 16236
- Heyda, J. F., peak pressures in thick targets generated by reduced density projectiles, 16615
- Hickman, Kenneth, mechanism of Boule flotation on water and other liquids, 16375
- High-energy ion beams used to accelerate hydrogen propellant along magnetic tube of flux, 16702
- High Plains, *see* Southwest (U.S.).
- High schools:
drop outs, summer camp used in year-round training program, 16236
- football contests, protect from professional contests, report, 16156
- Gallaudet College, model secondary school for deaf to serve National Capital region, establishment, etc., hearings, 15966, 16194
- Higher education, *see* Colleges and universities.
- Highways, *see* Roads and highways.
- Hill-Burton program, hospital and medical facilities series under Hill-Burton program, 16801
- Hiranaka, Setsuko, *see* Wilson, Setsuko.
- Histograms, statistical data compression technique, 16680
- Historic sites, preservation program, report, 15892
- Historical chart book, 16279
- History, *see* Naval history—*also* names of departments, etc.
- History and Technology Museum, Smithsonian Institution, guide map, 16825
- Hitting the hot spots, 15474
- Hogs, *see* Swine.
- Hollomon, J. Herbert:
addresses, etc.—
May 9, 1966, 15659
July 11, 1966, 15658
- Home economics:
home and garden bulletin, 15445
- homemakers—
bread and cereal, golden nuggets, guide for program aides, 15458
- fruits and fruit products, use of and opinions, 15449
- what food means to people, guide for program aides, 15457
- Homes:
beautifying America begins at home, 15469
- fallout protection for homes with basements, handbook, 15623
- Homme, Vernon E., crystalline titanium by sodium reduction of titanium lower chlorides dissolved in sodium chloride, 16572
- Honduras pine, *see* Pine.
- Honeycomb structures, *see* Laminated materials.
- Hops, stocks, 16873
- Horizon, day horizon of planet earth, brightness profile, USSR study, 16471
- Horses, saddle, barn, farm building plan, 15454
- Hosey, Andrew D., industrial environment, its evaluation and control, syllabus, laboratory manual, 16802
- Hoshizaki, H.:
convective and radiative heat transfer during superorbital entry, 16600
- radiant energy transfer measurements in air, 16601
- Hospital insurance, *see* Hospitalization insurance.
- Hospitalization, *see* Hospitals—Veterans hospitals.
- Hospitalization insurance:
benefits under medicare, 16830
- medicare health benefits can help you, if you are 65, 16831
- Hospitals:
environment makes the difference!, 16801
- hospital and medical facilities series, facilities for mentally retarded, 16800
- hospital and medical facilities series under Hill-Burton program, 16801
- hospitalization in last year of life, United States, 1961, episodes and duration, 16812
- military medical benefits act of 1966, report, 16091
- Public Health Service, pharmacy residencies, 16807
- research, education, and consultation comprise patient's environment, 16801
- see also* Veterans hospitals.
- Hours of labor:
fair labor standards act—
handy reference guide, 16897
- overtime compensation, 16899
- Government officials and employees, variation of 40-hour workweek for educational purposes, law, 15703
- railroad employees, 16-hour limitation for certain employees, hearings, 15976
- House documents, 15779A-787
- House of Representatives:
appropriations, 1967, legislative, law, 15727

House of Representatives—Continued
delegation to conference of NATO parliamentarians, New York City, 1965, report, 15848
prayers offered by Chaplain, 89th Congress, 15780
House reports:
private bills, 15788-835
public bills, 15836-950
Household goods:
Federal employees assigned to isolated duty stations, moving and storage expenses, reimburse, law, 15706
imported, civilian and military personnel, customs requirements, 16205
Households, sample survey, Atlantida case study, sample design, 15596
Houses:
low-cost construction, framing system, 15452
radiation measurements in typical residential structures, 15527
Housing:
demonstration cities and metropolitan development act of 1966, report, 15897
military, family housing program, appropriations, 1967, report, 15908
national housing act, amend, report, 15846
Panama, U.S. programs, observations, report, 15968
racial equality in housing, legal and moral basis (remarks), 16886
rent supplement assistance, FHA regulations, 16273
Housing and Urban Development Department:
appropriations, 1967—
law, 15734
report, 16090
Houston, David R., strumella canker of oaks, 16322
Houston, Tex., area wage survey, metropolitan area, 16533
How Employment Service helps the handicapped, 16248
How much is she worth?, 15463
Howe, Harold, II:
addresses—
Apr. 24, 1966, 16238
May 13, 1966, 16228
Hudson River Basin:
interstate compact relating to resources—
law, 15772
report, 15893
Huertado, Felix P., *see* Hurtado, Felix P.
Hulls (ships):
salvage and repair, Army technical manual, 15520
Human rights, *see* Civil rights.
Humidity, evaporation study in humid region, Lake Michie, N.C., 16359
Hungarian Microbiological Society, general assembly, 16490
Hungary:
Academy of Sciences, academic awards and degrees, directive, 16481
geodesy and cartography, conditions, problems and plans, 16487
Hunt, Eleanor P., health, education, and welfare trends, data and rankings, 16365
Hunt, Robert E., theological roots for hospital ministry, 16895
Hunter, H. Foster, relief, 15808
Hunting, national survey, 16312
Hurtado, Felix P., relief, 15676
Huseonica, William F., current measurement in launch vehicle measurement, 16665
Hydraulic cylinders, *see* Cylinders.
Hydraulic mine filling, cement and dispersant additives, effect backfill, laboratory study, 16576
Hydraulics:
model investigations—
Cordell Hull Navigation Lock, filling and emptying systems, 16251
Monongahela River, Locks and Dam no. 4, navigation conditions, 16250

Hydraulics—Continued
prototype tests, Greenup Lock, Ohio River, Ky., culvert pressures, 16249
Hydrodynamics:
instabilities limiting power of boiling water reactors, 15530
naval, ship motions and drag reduction, symposium, 16753
Taylor Instability in stratified flow, 16596
tire hydroplaning, 16610
Hydrogen:
action at high temperatures and pressures, effect on steel, USSR study, 16506
chemisorbed on platinum electrode by interaction of carbon dioxide, 16764
propellant, acceleration along magnetic tube by ion beams, 16702
submicron tungsten powder preparation by hydrogen reduction of tungsten hexachloride, 16580
treatment of niobium, enhancement of superconducting current-carrying capacity, 16693
Hydrology:
contributions to hydrology, Africa and Mediterranean region (series), 16362
hydrologic regimen of Salton Sea, Calif., 16360
runoff water in playas, 15435
Hydromechanics, statistical, USSR study, 16442
Hydroplaning, tire, hydrodynamics, 16610
Hygiene:
all-Union Scientific-Research Institute of Railway Hygiene, report on laboratories, 16391
industrial environment, engineers and chemists, syllabus for short courses, laboratory manual, 16802
Hypersonic airplanes, *see* Airplanes.
Hypoxia:
electrolyte content in biological fluids and function of cochlea, USSR study, 16422
hypoxia and performance decrement, 15557
Hyre, French M., PCA cooperative-patron credit plan, 16254

I

IAEA, *see* International Atomic Energy Agency.
Iampietro, P. F., problems in aviation personnel, influence of tranquilizer on temperature regulation in man, 15556
Ice:
conductivity changes produced in ice by optical irradiation 0.8 to 2.7 μ , 15505
floating sheet, time dependent deflection, 15510
Idaho:
county business patterns, 15578
south-central, Douglas-fir, initial vegetal development following prescribed burning, 16337
southern, ponderosa pine, pine butterfly defoliation, 16325
Identification of individuals through photographs, USSR study, 16505
Ignition:
incendivity of explosives to coal dust, improved method for evaluating, 16573
kinetics of carbon monoxide-oxygen reaction, 16706
Ike, A. F., jr., sycamore produces viable seed after years, 16330
Immigration and emigration, cooly trade laws, repeal, report, 15910
Immunity, chemical protection against radiation damage to immune response in mouse spleen cells, 15494
Impact:
high-velocity, craters in ablative heat-shield materials, determination of temperature and material effects, 16689
oblique, of solid body on soil, USSR study, 16429

INDEX

- Impact—Continued
 - terrestrial impact structures, bibliography, 16356
- Impedance, load-impedance and waveform effects of linear class B audio amplifier output-power capability analysis, 16758
- Imperial Council of Ancient Arabic Order of Nobles of Mystic Shrine, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
- Imports:
 - articles imported, reports to include landed value, hearings, 16183
 - United States trade with major world areas, 15648
 - see also* names or classes of articles imported.
- In these hands, story of air traffic control, 16268
- Inauguration of the President, *see* President of United States.
- Incendivity, *see* Ignition.
- Income:
 - consumer expenditures and income, rural farm population, northeastern region, 15438
 - consumer income, series, 15592
 - family, 1965 median, 15592
 - unrelated debt-financed, of tax-exempt organizations, impose tax, hearing, 15997
- Income tax:
 - corporations outside D.C. making loans secured by D.C. property, clarify status, law, 15761
 - deductions, reserve for certain guaranteed debt obligations, report, 15936
 - District of Columbia, increase, law, 15777
 - double taxation, convention with, Netherlands, agreement, 16865
 - suspensions of investment credit and accelerated depreciation, report, 15932
 - treatment of exploration expenditures in case of mining, law, 15747
 - unrelated debt-financed income of tax-exempt organizations, impose, hearing, 15997
- Indemnity:
 - Price-Anderson provisions of atomic energy act, amend—
 - hearings, 15778
 - reports, 15913, 15926, 16135
- Independent offices, *see* Government offices.
- Indexes:
 - catalog of investment information and opportunities, southeast Asia supplement, 16383
 - ERIC catalog of selected documents on disadvantaged, 16227
 - number and author, catalog of selected documents on disadvantaged, 16226
 - proceedings of National Museum, 16735
 - weather stations, 16748
- Indian Claims Commission, termination date, extend, report, 16124
- Indian lands heirship problems, amend law, report, 16125
- Indian Ocean, explorations of survey ship, USC&GS Pioneer oceanographic stations, BT observations, and bottom samples, data report, 15636
- Indian Ocean Expedition, *see* International Indian Ocean Expedition, 1964
- Indiana:
 - congressional districts, 90th Congress, 15603
 - donation of George Rogers Clark Memorial, accept, law, 15707
 - health grants made by PHS, financial administration, GAO review, 16347
- Indiana Dunes National Lakeshore, establish, report, 15923
- Indians:
 - California, general information, 16368
 - Central Plains, general information, 16369
 - publications, price list, 16787
 - revolving loan fund, amend law, report, 16125
 - see also* names of reservations or tribes.
- Indicators, *see* Direction indicators—Gas indicators.
- Indonesia:
 - agricultural commodities, agreement, 16860
 - health information for travel, 16795
- Industrial College of Armed Forces:
 - catalog, 1964-65, publications, 16388
 - catalog, 1966-67, 16387
 - monograph publication R series, 16388
- Industrial dryers, *see* Dryers (industrial).
- Industrial engineers, hygiene, syllabus for short courses, laboratory manual, 16802
- Industrial health, *see* Hygiene.
- Industrial plants, *see* Plants (industrial).
- Industrial relations, Post Office Department and AFL-CIO, agreement, 16779
- Industrial safety, *see* Safety of life.
- Industry:
 - basic research, applied research, and development in industry, 1963 survey, final report, 16740
 - current industrial reports, 15581-590
 - fire safety today, 16352
 - Government-industry cooperation (address), 15562
 - industrial civil defense protection of vital records, 15622
 - wage survey, candy and other confectionery products, 16537
 - womanpower, shortage or surplus? assessment in Boston, conference report, 16912
 - see also* names of industries.
- Inelastic deformation of rock under hemispherical drill bit, 16582
- Inflation (finance):
 - President's anti-inflation program (remarks), 16887
 - suspensions of investment credit and accelerated depreciation, report, 15932
- Information services, information resources in U.S., directory, water, 16544
- Information storage and retrieval systems, need for, and development of interagency management information systems, presentation, 15561
- Infrared rays, Apollo acquisition and tracking system, 16649
- Infrared spectra, *see* Spectra.
- Ingestion, radionuclides, soluble, dose to various body organs, 15532
- Inhalation, radionuclides, soluble, dose to various body organs, 15532
- Inheritance and transfer tax, disclaimers, effect on allowance of marital deduction for estate tax purposes, report, 16129
- Inhibitors, thermal degradation processes in polysiloxanes and stabilization by cerium inhibitor, 16759
- Injuries, work injuries to minors, report, 16518
- Inner Mongolia, *see* Mongolia.
- Inner tubes, excise tax, impose at manufacturer-owned retail outlet, hearing, 16184
- Insecticides, use in medical practice, USSR studies, 16418
- Insects, forest, conditions in United States, 16321
- Inspection (industrial):
 - safety road-checks, Interstate Commerce Commission, 1964-65 data, 16386
- Installations (military):
 - American, and NATO bases in France, on-site inspection, subcommittee report, 15961
 - construction appropriations, 1967—
 - hearings, 16172
 - report, 15908
 - construction authorization, 1967—
 - law, 15745
 - report, 15581
 - continental U.S., transportation services, Army, technical manual, 15521
 - site planning, general, technical manual, 15516

- Instruction, *see* Programmed instruction.
 Instructor's guide IG series, 15624
 Instrument flying, instructor examination guide, 16269
 Instrumentation:
 developments, symposium, 16810
 journal of research, National Bureau of Standards, 16713
 unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536
 Instruments:
 and related products, census of manufactures, 1963, manufacturing plants, location, 15574
 building, USSR progress, 16393
 combination and miscellaneous, industrial plant equipment handbook, 16205
 Insurance, *see* types of insurance.
 Insured banks, *see* Banks and banking.
 Integration (mathematics):
 integrating orbital equations of motion for use in space navigation, 16687
 one-step methods applied to problems of celestial mechanics, 16708
 Inter-American Congress of Psychology, symposium, 16791
 Inter-American Development Bank, appropriations, 1967, reports, 15915, 16159
 Interest and usury:
 insured banks, maximum interest rates paid on savings, regulation—
 law, 15764
 report, 16131
 Western Europe, interest rates, 16280
 Interior and Insular Affairs Committee, House:
 hearings, 15975
 reports, 15788, 15826, 15857, 15869, 15875, 15887, 15892-894, 15911, 15922, 15933
 Interior and Insular Affairs Committee, Senate:
 hearings, 16189
 reports, 16013, 16028, 16068, 16092, 16111-113, 16119-120, 16124-125, 16138, 16145-146
 Interior Department:
 appropriations, 1967, amendment, 15784
 Columbia River Federal Power System, financial statements, GAO report, 16342
 develop production of fish protein concentrate—
 hearings, 16180
 reports, 15941, 16080
 investigate feasibility of water resource development proposals, law, 15739
 Project EROS, program to utilize space-acquired data for natural and human resource management, 16358
 saline water research and development progress reports, 16372-378
 Internal friction, metals and alloys, USSR study, 16492
 Internal revenue:
 code of 1954, amend—
 hearings, 16182, 16184
 reports, 15936, 16129
 procedure and administration, IRS, loose-leaf regulations system, 16381
 Internal Revenue Service:
 Alcohol and Tobacco Tax Division, what you should know about it, 16382
 looseleaf regulations system, procedure and administration, 16381
 Internal security, *see* National security.
 International agreements, *see* subjects, names of countries, etc.
 International Atomic Energy Agency, General Conference, progress of first 10 years (remarks), 15543
 International Convention for Conservation of Atlantic Tunas, text, 16000
 International Convention for Prevention of Pollution of Sea by Oil, amendments, implementing, law, 15730
 International Convention on Load Lines, report, 16002
 International cooperation:
 social welfare and social development activities, contribution of Welfare Administration—
 French edition, 16903
 Spanish edition, 16902
 International Development Association, appropriations, 1967, reports, 15915, 16159
 International education, *see* Education.
 International Indian Ocean Expedition, 1964, survey ship, USC&GS Pioneer, oceanographic stations, BT observations, and bottom samples, data report, 15636
 International Literacy Day, designate Sept. 8, 1966, law, 15728
 International Monetary Fund, steps toward more rational world economic order (remarks), 16891
 International relations:
 education for world responsibility, excerpts from addresses at National Foreign Policy Conference for Educators, 16855
 general foreign policy series, 16855
 United States policy toward Asia, report, print as House document, report, 16099
 United States policy toward Europe, hearings, 16186
 United States-South African, hearings, 15969
 International Statistical Programs Office, series ISPO 1, 15596
 International wheat agreement, extend, protocol, 16868
 Interplanetary missions, *see* Planets.
 Interpretative bulletins, Wage and Hour and Public Contracts Divisions, 16899
 Interstate agreements:
 Arizona-California boundary compact, consent of Congress, law, 15714
 Hudson River Basin compact—
 law, 15772
 report, 15893
 Missouri-Kansas compact on public transit for Kansas City area, approval, law, 15766
 Upper Niobrara River compact, approving, report, 16092
 Washington Metropolitan Area Transit Authority compact, approval—
 hearings, 15983
 message from the President, 15783
 reports, 15891, 16107
 Interstate and Foreign Commerce Committee, House:
 hearings, 15976-982
 reports, 15921, 15928, 15940, 15942-947
 Interstate commerce, *see* Commerce.
 Interstate Commission on Potomac River Basin, appropriations, 1967, report, 16151
 Interstate compacts, *see* Interstate agreements.
 Invertebrates, *see* Mollusks.
 Investment companies:
 small business, investigation, hearings, 16187
 small business investment act amendments of 1966—
 hearings, 15963
 report, 15937
 small business program, review, hearings, 16179
 Investments:
 catalog of investment information and opportunities index, southeast Asia supplement, 16383
 disputes, settlement, convention, implementation, law, 15715
 suspension of investment credit, etc., report, 15932
 Iodine isotopes, radiiodine, controlled environmental tests, 15531

INDEX

Ion beams, high-energy, used to accelerate hydrogen propellant along magnetic tube, of flux, 16702
 Ionized gases, *see* Gases.
 Ions, membranes, selective, for desalting water, development, 16376
 Iowa :
 electric rate book, 16274
 soil survey laboratory data and descriptions, 16837
 Iraq, history, Soviet survey, 16500
 Iron, scrap, minerals yearbook chapter, 16561
 see also Ferrous metals.
 Iron oxides, mechanism of reduction with carbon monoxide, adsorption phenomena, 16577
 Irradiation, *see* Radiation.
 Irrigation projects, *see* Reclamation of land—*also* names of projects.
 IRS, *see* Internal Revenue Service.
 Isotopes, radioisotopes in medicine, 15550
 ISPO, *see* International Statistical Programs Office.
 Israel :
 agricultural commodities, agreement, 16858
 cotton textiles, trade, agreement, 16863
 It takes courage, 16235
 Ivanovo Medical Institute to publicize medical innovations, USSR, 16493

J

Jacks, heavy duty precision leveling, use to expedite setup time on horizontal boring mill, 16634
 James, George A., estimating recreation use on complex of developed sites, 16332
 Japan :
 health information for travel, 16795
 trade between U.S. and Japan (remarks), 15653
 Japanese, cooly trade laws, repeal, report, 15910
 JCS pub. series, 16389
 Jellison, Robert A., relief, 15815
 Jenkins, Kenneth H., sewage and water works construction, 16292
 Jet plumes, rocket exhaust, plume at low altitude, aerodynamic model, 16762
 Jets, interaction of 2-dimensional jet with parallel flow, 15522
 Job Corps :
 amendments to economic opportunity act, report, 16162
 conservation centers, resident youth worker, examination announcement, 15634
 Jobs, *see* Employment—Occupations.
 John Day Lock and Dam, compensation to Umatilla, Oreg., for losses due to project, report, 15889
 John Fitzgerald Kennedy Library, title to, authorize Administrator of General Services to accept, report, 15664
 John V. Boland Construction Co., *see* Boland, John V., Construction Co.
 Johnson, Louis A., Memorial Veterans, Hospital, *see* Louis A. Johnson Memorial Veterans' Hospital.
 Johnson, Lyndon B., *see* President of United States.
 Johnston, Denis F. :
 analysis of sources of information on population of Navaho—
 departmental edition, 15498
 document edition, 15779A
 Johnston, Kenneth H., thermal-recovery project and 2 waterflood projects in Carter, Garvin, and Stephens Counties, Okla., 16560
 Joint Chiefs of Staff, JCS pub. series, 16389
 Joint Publications Research Service, JPRS series, 16391-510

Joints :
 mismatch in circumferential joint in cylindrical pressure vessel—
 comparison of experimental and theoretical stresses, 16676
 thickness changes, and meridional load coupling, 16677
 Jones, Mildred V., wool statistics and related data, 1920-64, 1965 supplement, 15478
 Jordan, Russell W., relief, 15813
 Jordan Ferrando, Maria, relief, 16018
 Journal of research, National Bureau of Standards, 16713
 JPRS series, 16391-510
 Judges :
 District of Columbia Court of General Sessions, etc., increase retirement salaries, law, 15765
 retired, court of appeals, court of general sessions and juvenile court of D.C., increase retirement salaries—
 law, 15757
 report, 16114
 Judicial procedures, *see* Civil procedure.
 Judiciary, *see* Courts of United States.
 Judiciary Committee, House :
 hearings, 15983
 reports, 15791-825, 15827-835, 15883-886, 15888-889, 15891, 15910
 Judiciary Committee, Senate :
 hearings, 16190-191
 investigations and studies—
 internal security laws, gaps in, investigations, etc., hearings, 16190
 juvenile delinquency, report on findings, 16160
 reports, 16003-12, 16014-27, 16029-44, 16047-64, 16082-87, 16100, 16107-108, 16122, 16154-156, 16160, 16163
 Jurisdiction, *see* Venue.
 Justice Department :
 Antitrust Division, activities relating to small business, hearings, 15990
 appropriations, 1967—
 hearings, 15957
 report, 15938
 Juvenile delinquency :
 and youth offenses control act, training grants awarded, Sept. 1964-Sept. 1965, summaries, 16906
 investigation, report on findings, 16160

K

Kaestner, Gottfried R., relief, 15695
 Kalman-Schmidt filter, satellite attitude determination, 16608-609
 Kansas :
 census of manufactures, 1963, area statistics, 15569
 congressional districts, 90th Congress, 15607
 public transit compact for Kansas City area, approval, law, 15766
 soil survey laboratory data and descriptions, 16838
 Kansas City Area Transportation Authority, compact creating, approval, law, 15766
 Kansas City Area Transportation District, compact creating, approval, law, 15766
 Karr, Clarence, jr., influence of continuous carbonization method, temperature, and carrier gas on amounts of pyrolysis products, etc., 16583
 Kattegat, lights and fog signals, list, change, 16747
 Kemp, William B., jr., ground effects related to landing of airplanes with low-aspect-ratio wings, 16663
 Kennedy, John Fitzgerald, Library, *see* John Fitzgerald Kennedy Library.
 Kenya, foreign trade regulations, 15646
 Keyserling, Mary D., remarks, June 29, 1966, 16911

Khalafalla, Sanaa E., adsorption phenomena and reduction of iron oxides, etc., 16577
 Khapra beetles, *see* Beetles.
 Kil Ja Chung, *see* Chung, Kil Ja.
 Kiln drying, *see* Kilns.
 Kilns, high-temperature kiln drying of lumber, bibliography, 16336
 Kim Kap Yung, *see* Yung, Kim Kap.
 Kim Kin Soon, relief, 15693
 Kim, Yung Mi, relief, 16017
 Kinetics:
 electrochemical analysis of acids, etc., by kinetic method, 16717
 see also Chemical reactions.
 King, Everett E.:
 electrodynamics of superconducting parallel path circuit, 16770
 magnetic torque of ideal superconducting toroids, 16771
 Kinzua Dam:
 designate—
 law, 15769
 report, 16126
 Kish, Joseph L., protection of vital records, 15622
 Kits, *see* Tool kits.
 Klawitter, Ralph A., slash pine response to drainage, 16331
 Klebba, A. Joan, mortality from diseases associated with smoking, United States, 16811
 Klein, Julius, relationship with Thomas J. Dodd, hearings, 16198
 Klopp, William D., mechanical properties of dilute tungsten-rhenium alloys, 16654
 Kniffin, Fred W., distribution cost analysis, 16819
 Knodel, Paul C., soils tests computer programs, 16817
 Knowledge, human knowledge turns to all men in all nations (remarks), 15542
 Koch, George S., jr., delineation of Texas lignite beds by statistical techniques, 16578
 Kodiak, Alaska, property conveyed to, terminating use restrictions, law, 15718
 Koenigs, J. W., evaluation of antibiotics for control of comandra rust on lodgepole pine, 15436
 Koestler, Frances A., portrait of median city, capsule view of social welfare programs in United States, 16905
 Kollmann, George, chemical protection against radiation damage to immune response in mouse spleen cells in vitro, 15494
 Korea, Republic, mineral industry, minerals yearbook chapter, 16564
 Kotula, Leo J., research on selection of officer candidates and cadets, 15525
 Kowalczyk, George J., enrollment for supplementary medical insurance, July 1, 1966, 16829
 Kriebel, A. R., predicted and measured performance of 2 full-scale ducted propellers, 16599
 Krivoy Rog Mining Institute, disagreement among scientists, USSR, 16395
 Kurchatov, Igor V., Soviet physicist, story of his life, 16450
 Kyle, Robert G., effect of wing leading-edge shape on aerodynamic characteristics of 67° swept wing-body model, 16691

L

Labels:
 fair packaging and labeling act—
 hearings, 15980-981
 report, 15928
 foods, private labels, frequency of use by distributors, 16733
 hazardous substances labeling act, amend—
 hearings, 15979
 reports, 15942, 16121

Labels—Continued
 pesticides, consumer protection, etc., 15462
 Labor:
 cost of slaughtering hogs, 16723
 making young workers safe workers, challenge to supervisors, 16519
 present-day Catholic social doctrine vis-a-vis working class, USSR, 16509
 publications, price list, 16786
 safety, establishment in Nis, Yugoslavia, 16499
 sewer works construction, requirements, 16534
 USSR, developments, 16528
 see also Women.
 Labor and Public Welfare Committee, Senate:
 hearings, 16192-196
 reports, 16067, 16072, 16081, 16104, 16133-134, 16140-144, 16161-162, 16167
 Labor Department:
 appropriations, 1967, report, 16151
 consumer services, transfer to Consumers Department, hearings, 15970
 unemployment insurance program, extend benefits, etc., recommended amendments, 16181
 Labor laws and practices in Libya, 16527
 Labor organizations, *see* Labor unions.
 Labor standards:
 fair labor standards act—
 amended, 1966, highlights, 16898
 amendments of 1966—
 law, 15768
 reports, 15899, 16104
 handy reference guide, 16897
 overtime compensation, 16899
 women, improvement (remarks), 16911
 Labor Standards Bureau, bulletins, 16517-518
 Labor Statistics Bureau:
 BLS report series, 16527-528
 bulletins, 16529-537
 publications, catalog, 16538
 Labor unions:
 Africa, directories, 16384
 welfare and pension plans disclosure act, amend with respect to filing of copies and making affidavits, report, 15896
 Laboratories, all-Union Scientific-Research Institute of Railway Hygiene, report, 16391
 see also names of laboratories, or places where located.
 Lacey, Robert E., desalination by electro-sorption and desorption, 16373
 Lacquer and lacquering, current industrial reports, 15587
 Ladders, and other means of access used on vessels in shipyards maritime safety data, 16521
 Lagasca, Arturo D., jr., relief, 16055
 Laguna Atascosa National Wildlife Refuge, general information, 16301
 Lamar, John E., aerodynamic-center, considerations of wings and wing-body combinations, 16662
 Lambrinos, Elias, relief, 16020
 Laminated materials, production of honeycomb structures from stainless steels and titanium alloys, USSR study, 16424
 Land:
 conservation and utilization, amend Bankhead-Jones farm tenant act, report, 15916
 interstate sales full disclosure act, hearings, 16178
 long-term leasing by Government contractors, Defense Dept., GAO report, 16344
 use, Capitol grounds, formulate long-range plan, report, 16148
 Land burning, *see* Burning of land.
 Land reforms, agrarian reforms in United Arab Republic, Soviet review, 16416

INDEX

- Landing (aircraft):
airplanes with low-aspect-ratio wings, ground effects, 16663
- Landing (spacecraft), *see* Spacecraft.
- Language and languages, *see* names of languages.
- Lanham, Fritz Garland, Federal Office Building, *see* Fritz Garland Lanham Federal Office Building.
- Lapel buttons, gold star, for widows, etc., of members of Armed Forces who lost their lives in war or cold war incidents, law, 15717
- Laser beams, use in welding bilayer sheet, USSR study, 16463
- Lategola, Michael T., aeromedical assessment of human systolic and diastolic blood-pressure transients without direct arterial puncture, 15558
- Launch vehicles, *see* Spacecraft.
- Lavapies, Nermin D., relief, 15824
- Law:
legal services—
neighborhood, 16904
procurement, Army pamphlet, 15513
rural community action program, 16219
slip laws, admissibility in evidence, provide, report, 16082
slip laws (private) 89th Congress, 15668-697
slip laws (public) 89th Congress, 15698-777
see also Criminal law—*also* subjects.
- Law enforcement:
enforcement agencies, activities relating to small business, hearings, 15990-991
officers, guide to laws enforced by Alcohol and Tobacco Tax Division, 16380
- Laws, *see* Labor laws—Law—*also* subjects.
- Lawson, Wilmer M., Jr., linear class B audio amplifier output-power capability, analysis of load-impedance and waveform effects, 16758
- Lazaro, Eric J., relief, 15817
- Lead:
high concentrations in Guilmette Formation and Simonson Dolomite of Devonian age in Pequop Mountain and Wood Hills, Nev., 16355
lead-antimony grid alloys, intergranular corrosion, investigation, 16763
ores, census of mineral industries, 1963 industry statistics, 15575
- Leadership, perfecting in higher and secondary specialized education, USSR study, 16470
- Leading edge, *see* Wing (aircraft).
- Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.
- Leak detectors, locator for vacuum jacketed pipelines eliminates need for removal of outer jacket, 16635
- Leaks, gas, in brazed areas, eliminated by electroplating, 16637
- Learn, baby, learn, 16236
- Leases:
buildings and land, long-term leasing by Government contractors, Defense Dept., GAO report, 16344
geothermal steam deposits, issuance of leases, report, 15933
motor vehicle leasing for use of Government contractors, Defense Dept., GAO review, 16348
Post Office Department for real property, extend authority, report, 16127
- Leave of absence, Government employees not to be charged for absence as result of hostile action abroad, report, 16157
- Leaves, greenery, retention of radioactive dust, USSR study, 16403
see also Defoliation.
- Lectures, *see* Addresses, lectures, etc.
- Lee, George, Apollo afterbody heat transfer and pressure with and without oblation, 16683
- Lee, Richard S., aerodynamic model for low-altitude rocket exhaust plume, 16762
- Legal services, *see* Law.
- Legislation, *see* Law—*also* subjects.
- Legislative appropriations, *see* Appropriations.
- Legislative reorganization act, *see* Congress of United States.
- Lehmer, Donald J., Fire Heart Creek cite, 16827
- Levison, William H., studies of multi-variable manual control systems, two-axis compensatory, etc., 16593
- Lewis, Gertrude M., educating disadvantaged children in elementary school, bibliography, 16229
- Lewis, Richard W.:
nitrogen, 16567
potash, 16570
- Lewis and Clark Trail Commission, establishment, supplementing act of Oct. 6, 1964, law, 15700
- Liability insurance, uninsured motorist coverage required part of every automobile liability policy in D.C., report, 16117
- Libraries, library services and construction act, extend and amend, report, 16067
see also names of libraries, or places where located.
- Library of Congress:
appropriations, 1967, legislative—
hearings, 16171
law, 15727
catalogs, music and phonorecords, 16545
- Libya, labor laws and practices, 16527
- Licenses, *see* Liquors—*also* classes of persons to whom, or subjects for which, licenses are issued.
- Lie detectors, polygraphs, used by Federal Government, report, 15930
- Lie series, *see* Algebra.
- Liens, Federal tax lien act, report, 15879
- Life insurance:
credit, for student loans, increase maximum amount allowable in D.C., report, 15852
national service, refunds, Philippine peso payments, report, 15901
- Life insurance companies:
District of Columbia, amend act relative to financial standing—
law, 15738
report, 16115
- Life support systems, thermal integration of electric power and life support systems for manned space stations, 16590
- Lift (aircraft):
drag due to lift at subsonic speeds, factors affecting, 16664
wave drag at lifting conditions, analysis, 16666
- Light:
brightness of earth as planet, measurements, USSR study, 16408
scattering media, determination of extinction, coefficient, 16407
- Lightner, Lee M., periodontal status of incoming Air Force Academy cadets, 15493
- Lights and lighting:
airports—
approved lighting equipment, 15496
installation details for centerline and touchdown zone lighting systems, 15497
Naval Oceanographic Office, lists—
Baltic Sea with Kattegat, etc., 16747
British Isles, etc., 16746
temporary lights for flammable atmospheres and general use, maritime safety data, 16523
- Lignite, Texas beds, delineation by statistical techniques, 16578
- Lim Ai Ran, relief, 16022
- Lim, Benjamin H., mineral industry of Taiwan, 16565

- Lim Soo Ran, relief, 16022
 Lime, liming soils, aid to better farming, 15442
 Limitations (law):
 establish statute of limitations for certain actions brought by Government, report, 16087
 Linear amplifiers, *see* Amplifiers.
 Linear equations, *see* Equations.
 Linear exchange model, USSR, 16433
 Liquid mechanics, *see* Hydromechanics.
 Liquidity (economics):
 commercial bank liquidity, paper, 16278
 Liquids:
 organic, displacing from solid surfaces, solution systems, 16768
 stability of intermixing high-velocity vapor with its subcooled liquid in co-current streams, 16656
 Liquors:
 District of Columbia alcoholic beverage control act, amend, hearings, 15965
 sales of alcoholic beverages to persons under 21, prohibit in D.C., hearings, 15965
 Literacy Day, International, *see* International Literacy Day.
 Lithium, corrosion of metals, USSR studies, 16426
 Litter in longleaf pine stands thinned to prescribed densities, 16334
 Livestock:
 industry, organization and competition—economies of scale in cattle feeding, 16722
 labor cost of slaughtering hogs, 16723
 technical study, appendix, 16721
 livestock reporting, 1st century, 15473
 Llorens, Jacinta, relief, 15832
 Load (mechanics):
 inversion, of circular tube, prediction, 16685
 rock bolts under combined loading, yield and ultimate strength, 16585
 Load Lines, International Convention on, *see* International Convention on Load Lines.
 Loans:
 Farmers Home Administration—
 insured, payment of installments, report, 16153
 lease lands in Hawaii, authorize, law, 15756
 Rural Electrification Administration, program, statistical report, 16318
 Small Business Administration, financial assistance programs, summary, 16823
 veterans, direct and insured cases, extend treble-damage actions to, report, 16142
 veterinary medicine students, report, 15943
 Local government, *see* Government.
 Lockhart, L. B., jr., extent of radioactive equilibrium between radon and its short-lived daughter products in atmosphere, 16757
 Locks (hydraulic engineering):
 Cordell Hull Navigation Lock, Cumberland River, Tenn., filling and emptying system, hydraulic model investigation, 16251
 Monongahela River, navigation conditions at Locks and Dam no. 4, 16250
 see also names of locks.
 Lodgepole pine, *see* Pine.
 Loeb, George I., surface chemistry of proteins and polypeptides, 16755
 Logan, Samuel H.:
 economies of scale in cattle feeding, 16722
 labor cost of slaughtering hogs, 16723
 Logistics, provisioning screening procedures, DSA-DLSC manual, 16211
 see also Military art and science.
 Long term economic growth, 1860-1965, 15595
 Longleaf pine, *see* Pine.
 Longshoremen, safety and health regulations, 16526
 Lopez, Oscar, relief, 16023
 Lorenzo, Carl F., transfer function analysis of fluid contained in longitudinally excited tank, 16692
 Louis A. Johnson Memorial Veterans' Hospital, designate, report, 16141
 Louisiana:
 highway construction practices, report, 15948
 soil survey laboratory data and descriptions, 16839
 Loving, Donald L., wind-tunnel—flight correlation of shock-induced separated flow, 16661
 Lowery, David P., bibliography of high temperature, kiln drying of lumber, 16336
 Lubricants:
 sales of lubricating and industrial oils and greases, current industrial reports, 15589
 solid, 16621
 Lumber, high-temperature kiln drying, bibliography, 16336
 Lunar, for subjects beginning Lunar, *see* Moon.
 Lunches, *see* School lunches.
 Lunde, J. K., symposium on naval hydrodynamics, ships motions, etc., 16753
 Lundy, C. A., land conveyance, 15826
 Lynde, Harold W., jr., nickel, 16566
 Lyon, L. Jack, initial vegetal development following prescribed burning of Douglas-fir in south-central Idaho, 16337
 Lyon, R. H., low-frequency noise reduction of spacecraft structures, 16605

M

- MA SP series, 16549
 MacDonald, Gilmour C., relief, 16064
 McGavin, Joseph J., relief, 15800
 McGee, Henry W., appointment as Acting Postmaster of Chicago, swearing-in ceremony (address), 16778
 McGrath, James R., scaling underwater exploding wires, 16754
 McGrew, John R., strawberry diseases, 15443
 Machado Espinosa, Mario V., relief, 15682
 Machinery, machine penetrates into secrets of brain, USSR study, 16474
 see also Electric machinery—*also* names or types of machinery.
 Machines, *see* Machinery—*also* special kinds of machines, e.g. Automatic machinery.
 Machining, electric pulse, metals and alloys, USSR study, 16477
 McKay, Winston L., relief, 16025
 Mackintosh, Helen K., administration of elementary school programs for disadvantaged children, 16225
 McLean, F. Edward, sonic-boom characteristics of proposed supersonic and hypersonic airplanes, 16667
 McLean, John D., integrating orbital equations of motion, 16687
 McNeil, William J., distribution of spawning pink salmon in Sashin Creek, southeastern Alaska, and survival of progeny, 16313
 Macpherson, Thomas C., jr., relief, 15805
 Madagascar, *see* Malagasy Republic.
 Madden, Howard L., comparison of airman qualifying examination with differential aptitude tests, 15488
 Magnetic mirrors, high-energy ion beams used to accelerate propellant along tube of flux, 16702
 Magnetic recorders, *see* Tape recorders.
 Magnetic torque, *see* Torque.
 Magnetostriction, monotonic, for nonferromagnetic materials, 16674
 Mail matter, false or misleading, amend U.S. Code, report, 15868

INDEX

- Maintenance, control lines, FAA handbook, 16256
- Malsel, Sherman J., remarks, Sept. 30, 1966, 16283
- Malagasy Republic, tracking stations, agreement, 16857
- Malawi, background notes, 16849
- Malinin, Theodore, processing and storage of viable human tissues, 16808
- Man and automatic machines, USSR study, 16472
- Management, *see* Planning.
- Manganese:
- occurrences in Eureka-Animas Forks area, Colo., 16558
 - ores, metallurgical grade, disposal from national and supplemental stockpiles—law, 15722
 - report, 16089
- Manned spacecraft, *see* Spacecraft.
- Manninen, Elisabeth, relief, 15798
- Manpower:
- development and training act of 1962—amendments of 1966, report, 15906
 - guidelines for research grants, 16513
 - policy and programs in 5 western European countries, 16515
 - research bulletins, 16514-515
 - unused, Nation's loss, 16514
- Manson unit, *see* Chief Joseph Dam project.
- Manuals, *see* names of departments, etc., issuing manuals—also subjects.
- Manufactures and manufacturers:
- census, 1963—
 - area statistics, 15567-573
 - special report, 15574
 - plants, location by industry, county, and employment size—
 - instruments and related products, 15574
 - transportation equipment, 15574
 - see also* names of manufactured articles.
- Manures, *see* Fertilizers.
- Maps and charts, Hungarian cartography, conditions, problems, and plans, 16487
- see also* names of localities—also subjects.
- Marango County, Ala., land held by B. A. Cogle, adjudicate claim, 16013
- Marine Corps:
- Fleet Marine Force manual FMFM series, 16547-548
 - officers, general, authorize increase, reports, 15838, 15859
 - professional reading guide, 16750
 - rifle companies and platoons, Fleet Marine Force manual, 16548
 - troop leaders guide, 16547
- Marine paleoecology, *see* Paleoecology.
- Marine salvage and hull repair, 15520
- Marine troop leaders guide, 16547
- Marine zoogeography, *see* Zoogeography.
- Marital status, *see* Marriage.
- Maritime Administration:
- SP series, 16549
 - transfer, report, 16158
- Maritime safety data for shipyards, 16520-525
- Maritime Subsidy Board:
- establish within Federal Maritime Administration—
 - hearings, 15984
 - reports, 15873-874
- Markets and marketing:
- Africa, market indicators, 15645
 - distribution cost analysis, 16819
 - Far East, market profiles, 15647
 - foods, frequency of use of private labels, by distributors, 16733
 - market news by wireless, 15465
 - marketing research reports, 15448-449
 - see also* names or classes of commodities, etc., marketed.
- Marrero, José:
- effect of plastic mulch on weed growth and early height growth of Honduras pine, 16327
- Marrero, José—Continued
- potting media for Honduras pine, 16328
 - survival and growth of bagged and bare-rooted Honduras pine, cadam, and primavera, 16326
- Marriage:
- common-law, prohibit contracting in D.C., report, 15855
 - effect of disclaimers on allowance of marital deduction for estate tax purpose, report, 16129
 - laws, 16910
- Marti Prieto, Marcial A. (Alfredo):
- relief, 16062
- Martin, C. S., hydrodynamics of tire hydroplaning, 16610
- Martinez y Corpas, Miguel, relief, 15818
- Maryland:
- transit compact, approval—
 - hearings, 15983
 - message from the President, 15783
 - reports, 15891, 16107
- Masks, *see* Oxygen masks.
- Mass spectroscopy, *see* Spectroscopy.
- Mass transportation, *see* Transportation.
- Materials:
- developed since 1954, infrared spectra of plastics and resins, 16766
 - engineering, Soviet conference, 16428
 - sewer works construction, requirements, 16534
 - see also* names of materials.
- Materiel, *see* Military supplies.
- Mathematics, lively 3d R, 16237
- see also* Integration (mathematics).
- Mattamuskeet National Wildlife Refuge, birds, list, 16303
- Matter, particulate, in ocean, characterization, 16767
- Matzke, Lourdes S. (Delotavo):
- relief, 16027
- Mauritania, gazetteer, official standard names, 16354
- Mauritius and dependencies, background notes, 16850
- Maya, Jacobo A., relief, 15684
- Mayonnaise and related products, current industrial reports, 15588
- MDTA (manpower development and training act), *see* Manpower.
- Measurements, selected facial, of children for oxygen-mask design, 15555
- see also* subject of measurement.
- Meat:
- agricultural commodity grader (meat), examination announcement, amdt., 15627
 - industry organization and competition, 16721-723
 - inspection regulations of USDA, 16203
 - processing plants, chemical compounds authorized for use under USDA inspection programs, list, 16201
- Mechanics (persons):
- career information, your job as repairman or mechanic, 16542
 - certificates, knowledge, experience and skill requirements, Federal aviation regulations, change, 16262
- Mechanics (science), *see* Celestial mechanics.
- Mechanism of Boule flotation on water and other liquids, 16375
- Medals, merchant marine, U.S., 16551
- Medical care:
- health insurance under social security, your medicare handbook, etc., 16832
 - hospital and medical benefits under medicare, 16830
 - medicare, health benefits can help you, if you are about 65, 16831
 - military medical benefits act of 1966, report, 16091
 - supplementary medical insurance, enrollment, 16829

- Medical care—Continued
veterans, Philippine, extend—
hearing, 16195
reports, 15866, 15877, 16133
Medical facilities, *see* Hospitals.
Medical insurance, *see* Health insurance.
Medical practice, *see* Medicine.
Medical research, *see* Medicine.
Medical Service Corps, Army, grade of
Brigadier General, authorize, law, 15770
Medical Specialist Corps, Army, male persons, authorize Regular Army commissions, law, 15776
Medical specialists, commissioning of male persons in Regular Army and Regular Air Force, law, 15776
Medical technologists, grants for training program improvement, report, 15841
Medicare, *see* Medical care.
Medicine:
aeromedical assessment of human systolic and diastolic-blood-pressure without direct arterial pressure, 15558
aerospace, bibliography, 16622
aerospace medicine considerations in man-rating space environment simulators, 15481
aviation medical report AM series, 15553-559
aviation medicine reports, annotated catalog, 15553
experimental and clinical, trace elements, USSR studies, 16396
insecticides in medical practice, USSR studies, 16418
medical organization and administration, USSR study, 16469
medical research on aging, better management needed, report, 15929
radioisotopes, 15550
School of Aerospace Medicine, technical reports, 15489-495
simulation, USSR study, 16475
USSR, Ivanovo Medical Institute to publicize innovations, 16493
Medicine and Surgery Department, Veterans Administration, opportunities for physicians, 16394
Medicine Lake National Wildlife Refuge, birds, list, 16306
Mediterranean Sea, contributions to hydrology of Africa and Mediterranean area (series), 16262
Member banks, *see* Federal reserve member banks.
Membranes:
ion-selective, for desalting water, development, 16376
transport of electrolytes through membrane systems, 16372
Mendoza, Jose A. G., relief, 15820
Menis, Oscar, standard reference materials, oxygen determination in ferrous materials, 16714
Menominee County, Wis., grants and other Federal aid, authorize, report, 15894
Mental health:
community, individual adjustment or social planning, symposium, 16791
community mental health centers act, aspects (address), 16790
Mental tests, hypoxia and performance decrement, 15557
Mentally ill:
community mental health centers act, aspects (address), 16790
social readjustment of mental patients, studies, 16404
Mentally retarded:
children, military medical benefits act of 1966, report, 16091
education and training, living units etc., design of facilities, 16800
facilities for, hospital and medical facilities series, 16800
Mentally retarded—Continued
financial assistance for physical education, etc., report, 16161
Menzie, Calvin M., metabolism of pesticides, 16314
Merchandising, automatic, bibliography, 16822
Merchant marine:
act of 1936, amend—
hearings, 15984
law, 15759
reports, 15873-874
development, with unity of purpose vital (statement), 16549
medals and decorations, 16551
see also Ships.
Merchant Marine and Fisheries Committee, House:
hearings, 15984
reports, 15863, 15873, 15931, 15935, 15939, 15941
Merchant ships, *see* Ships.
Merchant vessels, *see* Ships.
Mercurated phosphonium and arsonium salts, USSR, 16415
Mercury:
high concentrations in Guilmette Formation and Simonson Dolomite of Devonian age in Peapack Mountains and Wood Hills, Nev., 16355
minerals yearbook chapter, 16562
Metabolism, pesticides, 16314
Metal mines and mining:
Federal metal and nonmetallic mine safety act—
law, 15750
report, 16072
Metal oxide silicon transistors, protected from damage by wire device, 16639
Metal sheeting, *see* Sheet metal.
Metallurgy, metallurgical characteristics of high strength structural materials, 16769
Metals:
electric pulse machining, USSR study, 16477
internal friction, USSR study, 16492
lithium corrosion, USSR studies, 16426
Meteorites, terrestrial impact structures, bibliography, 16356
Meteoroids, *see* Meteors.
Meteorology, manned spacecraft, observations, USSR study, 16409
Meteors:
meteoroid bumpers on spacecraft, spray velocity, resulting from high-velocity penetration of thin plates by disks, 16682
meteoroid impact craters in ablative heat-shield materials, determination of temperature and material effects, 16689
peak pressures in thick targets generated by reduced density projectiles, 16615
Methodology, *see* subjects.
Metropolitan areas, *see* Cities and towns.
Mexico:
foreign trade regulations, 15650
Lower Rio Grande salinity problem, solution—
law, 15755
reports, 15876, 16102
screw-worm eradication, amend act of Feb. 28, 1947—
hearing, 16169
law, 15711
Tijuana River flood control project, joint construction agreement, authorize, report, 15898
Mexico, Gulf of, lower basins, surface water quality, 16364
Meyer, George, use of Euler's theorem on rotations for synthesis of attitude control systems, 16696
Mica, selective flotation from Georgia pegmatites, 16575

INDEX

- Mice, spleen cells, chemical protection against radiation damage to immune response, 15494
- Michie, Lake, humid region, evaporation study, 16459
- Michigan :
electric rate book, 16275
landings, fish, annual summary, 16294
- Microbiology, Hungarian Microbiological Society, general assembly, 16490
- Microchemical Analysis Section, National Bureau of Standards, summary of activities, 16719
- Microscopy, *see* Electron microscopy.
- Midland, Tex., area wage survey, 16532
- Military Academy, West Point :
candidates for appointment, selection, amend U.S. code, report, 16164
selection of cadets, research, 15525
- Military aid :
agreement with Belgium, 16862
foreign assistance act of 1966, reports, 15850, 15862
foreign assistance authorization, 1966, supplemental, hearings, print additional copies, report, 15882
military assistance appropriations, 1967, reports, 15915, 16159
U.S. military assistance programs in Vietnam, investigation, report, 15950
- Military art and science, logistics, Army regs., 15504
- Military assistance, *see* Military aid.
- Military construction, *see* Installations (military).
- Military installations, *see* Installations (military).
- Military personnel, *see* Armed Forces.
- Military psychology, *see* Psychology.
- Military supplies :
airdrop of supplies and equipment—
general, technical manual, change, 15517
rigging M28 and M29, technical manual, 15518
procurement, legal service, Army pamphlet, 15513
nondestructive testing series, radiography, 16213
- Military terms, U.S., dictionary for joint usage, 16389
- Milk, special school program for children, extend, reports, 15865, 15890
see also Goats.
- Miller, Robert E., development of officer selection and classification tests, 15487
- Mills, *see* Flour mills.
- Mine filling, *see* Hydraulic mine filling.
- Mine-roof bolts, *see* Bolts and nuts.
- Mine safety, *see* Safety of life.
- Mine water, *see* Water.
- Mineral industries, *see* Minerals.
- Mineral lands :
common varieties act amendments, reports, 16138
Vega Dam and Reservoir, reconvey mineral rights to former owners—
law, 15752
report, 16120
- Minerals :
contribution to geochemical prospecting (series), 16355
industries, census, 1963, industry statistics, 15575-576
industry, minerals yearbook chapter—
Mongolia, 16563
South Korea, 16564
Taiwan, 16565
nonmetallic, except fuels, census of mineral industries, 1963, industry statistics, 15576
- Mines and mining :
common varieties act amendments, report, 16138
disagreement among scientists at Krivoy Rog Mining Institute, 16395
- Mines and mining—Continued
exploration expenditures in case of mining, income tax deductions, law, 15747
see also Hydraulic mine filling—*also* names of metals and minerals mined.
- Mines Bureau :
coal program, 1965, review, 16559
information circulars, 16558-560
report of investigations, 16571-586
- Minetti, G. Joseph, address, Oct. 20, 1966, 15611
- Minimum wage, *see* Wages.
- Mining engineering :
mine-surveying, facilities and equipment developed at Soviet institute, 16485
photoelastic study of internally stressed circular opening in biaxial stress field, 16571
- Ministers of religion, *see* Clergy.
- Minnesota :
soil survey laboratory data and descriptions, 16842
women workers, 16914
- Minors, *see* Children.
- Mintz, Milton S., transport of electrolytes through membrane systems, 16372
- Miranda y Monteagudo, Maria Y. R., relief, 16057
- Miscellaneous publications, *see* names of departments, etc., issuing publications.
- Mississippi River and Valley :
Delta region, impact of pesticides on environment, 15467
lower basin, surface water quality, 16364
- Missouri :
public transit compact for Kansas City area, approval, law, 15766
soil survey laboratory data and descriptions, 16839
- Missouri Basin Inter-Agency Committee, minutes, 145th meeting, 16588
- Mitchell, George W. :
remarks—
Oct. 6, 1966, 16287
Oct. 14, 1966, 16282
- Modules, Apollo command module, effect of protuberance, etc. on pressure and heat-transfer distribution, 16647
- Mohler, Stanley R. :
physician flight accidents, 15559
predominant causes of crashes and recommended therapy, 15554
- Molar volume, binary fluoride mixtures, 16581
- Molecules, empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715
- Mollusks, late Pleistocene marine paleoecology and zoogeography in central California, 16361
- Molybdenum, winning, influence of repetitive electrolysis, 16579
- Money :
foreign currencies, reservations and currencies, 16879
monetary policy and U.S. balance of payments (remarks), 16281
monetary policy in high employment economy, strategy (remarks), 16286
monitoring monetary policy (remarks), 16282
recent monetary developments (remarks), 16283
tomorrow's money as seen today (remarks), 16287
- Mongolia :
Inner, Alashan Desert, region types, 16495
mineral industry, minerals yearbook chapter, 16563
- Monitoring, wide-range temperature, and compensating networks in scientific satellites, new design approach, 16681
- Monitors (aeronautics) :
aerial radiological monitors, handbook, 15621

Monongahela River, navigation conditions at Locks and Dam no. 4, 16250

Monopolies, antitrust laws, administration, investigation, subcommittee activities, report, 16100

Monotonic magnetostriction for nonferromagnetic materials, 16674

Montana:
congressional districts, 90th Congress, 15600
soil survey laboratory data and descriptions, 16840

Monteagudo, Maria Y. R. Miranda y, *see* Miranda y Monteagudo, Maria Y. R.

Monterey, Calif., *see* Naval Postgraduate School, Monterey.

Montoursville, Pa., aircraft accident, 15613

Moon, lunar surface, panoramic views, 16710

Moore, William R., defending United States from nuclear fire, 16320

Mora, Antonio Gonzalez-, *see* Gonzalez-Mora, Antonio, and wife.

Morale, aircrew, factors affecting, 15490

Morgan, William C., comparison of experimental and theoretical stresses at mismatch in circumferential joint in cylindrical pressure vessel, 16676

Morning, John L., chromium, 16555

Morse, C. Robert, effect of projectile size and material on impact fracture of walls of liquid-filled tanks, 16688

Mortality, *see* Death.

Mortgage insurance:
FHA, project, FHA regulations, amendments, 16271
minimum property standards for urban renewal rehabilitation, 16272

Morton, James G., remarks, Sept. 13, 1966, 15653

Moseley, Donald S., nonseparable solutions of Helmholtz wave equation examined for applications, 15523

Moths, gypsy, arming against, control, etc., 15472

Motion, deck motion simulator program, horizontal sinusoidal oscillation effects upon performance of standing workers, 16671

Motion pictures, popular level (16mm), AEC catalog, 15552

Motor carriers, safety road-checks, Interstate Commerce Commission, 1964-65 data, 16386

Motor reactions, hypoxia and performance decrement, 15557

Motor vehicle accidents:
District of Columbia, uninsured motorist coverage required part of liability policies, report, 16117
District of Columbia, uninsured motorist, suspension of licenses, etc., report, 16118

Motor vehicles:
leasing for use of Government contractors, Defense Dept., GAO review, 16348
safety standards, establish—
law, 15741
report, 16077

Motorbuses, sanitation, standards, handbook, 16794

Mount Desert Island Regional School District, Maine, convey land to, reports, 15911, 16111

Mouse, *see* Mice.

Moving, *see* Transportation.

Mulching, plastic, effect on weed growth and early height growth of Honduras pine, 16327

Mule Creek Oil Co., Inc., relief, 15696, 15788

Mundorff, James C., sedimentation in Brownell Creek subwatershed no. 1, Nebr., 16363

Municipalities, *see* Cities and towns.

Muniz y Sotolongo, Julio C., relief, 15819

Murphy, Charles S.:
remarks—
Sept. 21, 1966, 15617
Oct. 3, 1966, 15616

Murray, William M., Jr., heat-transfer and pressure distributions on 60° and 70° swept delta wings having turbulent boundary layers, 16697

Muscat, background notes, 16851

Muscat and Oman, sultanate, *see* Muscat—Oman.

Musgrave, Paul W., aerospace medicine considerations in manrating space, environmental simulators, 15481

Music, Library of Congress catalog, 16545

Mutual assistance, *see* Military aid.

Mutual defense, *see* Military aid.

Mystic Shrine, *see* Ancient Arabic Order of Nobles of Mystic Shrine.

N

N.A.S.A., *see* National Aeronautics and Space Administration.

N.A.T.O., *see* North Atlantic Treaty Organization.

N.I.H., *see* National Institutes of Health.

N.L.R.B., *see* National Labor Relations Board.

N.R.A.B., *see* National Railroad Adjustment Board.

N.R.L., *see* Naval Research Laboratory.

Names (personal):
popular names of U.S. Government reports, catalog, 16546

Narcotic habit, narcotic addict rehabilitation, report, 16163

NASA, *see* National Aeronautics and Space Administration.

NASA SP series, 16619-622

NASA tech briefs, 16623-646

National Advisory Commission on Food and Fiber, appropriations, 1967, law, 15735

National Aeronautics and Space Administration:
contractor report CR (series), 16589-618
SP series, 16619-622
tech briefs, 16623-646
technical memorandum, 16647
technical notes, 16648-16707
technical reports, 16708-709
technical translation, 16710

National apprenticeship program, 15500

National Association of Letter Carriers, AFL-CIO, agreement with Post Office Department, 16779

National Association of Post Office and General Services Maintenance Employees, agreement with Post Office Department, 16779

National Association of Post Office Mail Handlers, Watchmen, Messengers, and Group Leaders, AFL-CIO, agreement with Post Office Department, 16779

National Association of Special Delivery Messengers, AFL-CIO, agreement with Post Office Department, 16779

National Bureau of Standards:
crystal growth and characterization, research, 16716
Electrochemical Analysis Section, Analytical Chemistry Division, progress report, 16717
journal of research, 16713
Microchemical Analysis Section, Analytical Chemistry Division, summary of activities, 16719
miscellaneous publication, 16714
Spectrochemical Analysis Section, activities, annual report, 16718
standard reference materials, 16714
technical notes, 16715-720

National Capital, *see* Capital of United States.

National Capital Regional Planning Council, abolish, report, 15918

INDEX

- National Capital Transportation Agency :
transfer functions—
hearings, 15983
message from the President, 15783
reports, 15891, 16107
- National Commission on Food Marketing,
technical study series, 16722-733
- National Commission on Hazardous House-
hold Products, create, report, 16121
- National Commission on Reform of Federal
Criminal Laws, establish, report, 15883
- National debt, *see* Public debt.
- National defense :
procurement, priorities and allocations sys-
tem to support industrial needs (re-
marks), 15655
publications, price list, 16789
see also Civilian defense—National secu-
rity.
- National electric rate book, 16274-276
- National Federation of Post Office Motor
Vehicle Employees, AFL-CIO, agreement with
Post Office Department, 16779
- National Foreign Policy Conference for
Educators, education for world respon-
sibility, excerpts from addresses, 16855
- National forests, recreation, use estimate on
complex of developed sites, 16332
- National Guard, technicians, clarify status,
hearings, 15962
- National Highway Safety Advisory Commit-
tee, establish, law, 15742
- National Highway Safety Agency, establish,
law, 15742
- National Institutes of Health :
research, methods and instrumentation,
developments, symposium, 16810
staff fellowship program, 16804
standard animal care equipment, 16805
- National Labor Relations Board :
appropriations, 1967, report, 16151
decisions and orders, 16734
- National Mediation Board, appropriations,
1967, report, 16151
- National monuments and memorials, *see*
names of monuments or memorials.
- National Motor Vehicle Safety Advisory
Council, create, law, 15741
- National Museum, proceedings, title page,
etc., v. 117, 16735
- National Park Service, areas administered
by, visitor accommodations furnished by
concessioners, 16738
- National parks :
airports, authorization, increase, report,
16095
fishing, general information, 16736
visitor accommodations furnished by con-
cessioners, 16738
- National Railroad Adjustment Board,
awards, 16739
- National Rural Letter Carriers Association,
agreement with Post Office Department,
16779
- National Science Foundation :
act of 1950, amend, report, 15849
administer sea grant colleges and programs
act, reports, 15863, 16081
- National security :
internal security laws, gaps in, investiga-
tions, etc., hearings, 16190
procurement and utilization of security
covers for nuclear weapons, GAO re-
view, 16349
- National service life insurance, *see* Life in-
surance.
- National standard reference data system,
extend service, hearings, 15989
- National Traffic Safety Advisory Committee,
establish, report, 16078
- National Traffic Safety Agency, establish,
law, 15741
- National Transportation Safety Board, estab-
lish, report, 16158
- National UNICEF Day, designate, report,
16083
- National Visitor Center, commission to study
facilities and services, create, report, 15837
- NATO, *see* North Atlantic Treaty Organi-
zation.
- Natural History Museum, Smithsonian In-
stitution, guide map, 16826
- Natural resources :
Agriculture Department, role in resource
conservation, 15460
management, Project EROS, program to
utilize space-acquired data, 16358
Neighborhood Youth Corps, better commu-
nities through conservation, 16516
resource publication (series), 16311-312
- Navaho Indians :
major sources of information on popula-
tion, analysis—
departmental edition, 15498
document edition, 15779A
- Naval Academy, Annapolis, candidates for
appointment, selection, amend U.S. code,
report, 16164
- Naval history, keeping the peace, 16749
- Naval Oceanographic Office, publication se-
ries, 16744-748
- Naval Postgraduate School, Monterey, sal-
ary of academic dean, repeal limitation,
law, 15719
- Naval Research Laboratory, report series,
16754-771
- Naval Research Office, ACR series, 16753
- Naval space surveillance system, optical cali-
bration analysis 16761
- Navarro, Mario P., relief, 15834
- Navigation :
compendium, 16751
conditions at Locks and Dam no. 4,
Monongahela River, 16250
Navy satellite system, 16617
space, integrating orbital equations of
motion, 16687
- Navy :
occupational handbook, manual for civilian
guidance counselors, etc., 16752
officers, professional reading guide, 16750
satellite navigation system, 16617
- Navy Band, former members, relief of estates,
16047
- Navy Department, forms management guide,
16772
- NBS, *see* National Bureau of Standards.
- Nebraska :
census of manufactures, 1963, area sta-
tistics, 15570
Upper Niobrara River compact, approv-
ing, report, 16092
- Negotiated contracts, *see* Government con-
tracts.
- Negroes, social power and social change in
contemporary America (address), 16854
- Neighborhood Youth Corps :
amendments to economic opportunity act,
report, 16162
builds better communities through con-
servation, 16516
rural community action, program, 16220
- Neighborhoods :
legal services, new demensions in law,
16904
urban renewal rehabilitation, minimum
property standards, 16272
- Netherlands :
double taxation, convention, agreement,
16865
manpower policy and programs, 16515
- Networks, compensating, in scientific satel-
lites, wide-range temperature monitoring,
new design approach, 16681
- Neutrons, cross section technology, confer-
ence proceedings, 15528
- Nevada, water supply, fall summary, 16834
- Nebel, Donald E., time dependent deflection
of floating ice sheet, 15510

- New Jersey :
 area measurement report, 15563
 Hudson River compact—
 law, 15772
 report, 15893
 northern, desalting for, potentialities and possibilities, engineering study, 16378
 New life for the dodo, address, 16238
 New London, Conn., District Court, term to be held, law, 15737
 New Mexico :
 census of manufactures, 1963, area statistics, 15571
 county business patterns, 15579
 New York City :
 desalting for, potentialities and possibilities, engineering study, 16378
 Operation Reclaim, for Negro teachers displaced in integrated southern schools, 16235
 New York State :
 dropout training, summer camp in year-round use, 16236
 Hudson River compact—
 law, 15772
 report, 15893
 New Zealand, health information for travel, 16795
 Newman, Jerry O., house-framing system for low-cost construction, 15452
 Nicholls, Harry R., presplitting rock in presence of static stress field, 16586
 Nichols, George C., basic research, applied research and development in industry, 16740
 Nickel, minerals yearbook chapter, 16566
 NIH, *see* National Institute of Health.
 Niksch, Larry A., establishing business in Pakistan, 15651
 Niobium :
 minerals yearbook chapter, 16556
 superconducting current-carrying capacity through hydrogen treatment, enhancement, 16693
 Niobium carbide, liquid, containment on graphite between 3500° and 4700° K, 16614
 Niobrara River, upper, compact, approving, report, 16092
 Nis oblast, Yugoslavia, labor safety, establishment, 16499
 Nitrogen, minerals yearbook chapter, 16567
 Nitrous exchange in brain of rats during action of pulse accelerations, 16421
 Nobles of Mystic Shrine, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
 Nobo y Pividal, Rafael J., relief, 16061
 Noise, spacecraft structures, low-frequency noise reduction, 16605
 Nonmetallic minerals, *see* Minerals.
 Nonmetals :
 industries, Federal metal and nonmetallic mine safety act—
 law, 15750
 report, 16072
 Nonseparable solutions of Helmholtz wave equation examined for applications, 15523
 Nonwhite population, educational attainment of women, fact sheet, 16908
 Norfolk Naval Shipyard, employees, relief, law, 15753
 Norris, L. Fredrick, secondary emission electron microscopy for examining materials containing dispersed oxide particles, 16700
 North America :
 geology, bibliography, 16357
 Pacific Coast, tidal current tables, 1967, 15638
 North Atlantic Treaty Organization :
 American military installations and NATO bases in France, on-site inspection, subcommittee report, 15961
 crisis in NATO, report, 15919
 parliamentarians' conference, 1965, report of House delegation, report, 15848
 North Carolina, Lake Michie, humid region, evaporation study, 16359
 North Dakota, soil survey laboratory data and descriptions, 16836
 North Sea, lights and fog signals, lists, change, 16746
 Northeast (U.S.) :
 northeastern region, rural farm population consumer expenditures and income, 15438
 power failure, Nov. 9–10, 1965, hearings, 15977
 timber-cutting practices, need for effective controls, Forest Service, GAO report, 16345
 Northwestern University, auditory test speech discrimination, using CNC monosyllabic words, 15489
 Nozzles :
 Mach 2.22, exhausting to quiescent air, velocity profiles, etc., 16673
 rocket exhaust plume at low altitude, aerodynamic model, 16762
 NRAB, *see* National Railroad Adjustment Board.
 NLRB, *see* National Labor Relations Board.
 NRL, *see* Naval Research Laboratory.
 NSLI, *see* National service life insurance.
 Nuclear energy, *see* Atomic energy.
 Nuclear explosions :
 cloud development studies, 15538
 hazards, indemnity provisions of atomic energy act, amend—
 hearings, 15778
 reports, 15913, 15926, 16135
 Nuclear power plants, *see* Nuclear reactor power plants.
 Nuclear reactor power plants :
 boiling nuclear superheater (BONUS), power station, Punta Higuera site, Puerto Rico, 15537
 dual purpose electrical power generation and desalting project in California, U.S. participation, report, 16145
 unified digital instrumentation and control system, feasibility study, 15536
 Nuclear reactors, *see* Reactors (atomic).
 Nuclear science :
 demonstration center, Atoms in Action, information, research and teaching program (remarks), 15544
 single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
 Nuclear warfare, *see* Atomic warfare.
 Nuclear weapons, *see* Weapons.
 Numbers, standardization of numerals on highway signs, reference guide, 16815
 Numerical analysis, *see* Numerical calculations.
 Numerical calculations :
 electron guns, Pierce-type, 16760
 energy and angular distributions of electrons ejected from helium by protons, 16695
 proposed equation for calculation of forces on sphere accelerating in viscous fluid, verification, 15508
 Nurse Corps, Army, male nurses, regular commission, authorize, law, 15776
 Nurse Corps, Navy, male nurses, regular commission, authorize, law, 15776
 Nurses and nursing :
 practical, licensing, etc., in D.C., amend act—
 law, 15708
 reports, 15851, 16088
 see also Nurse Corps, Army—Nurse Corps, Navy.
 Nussbaum, William, and wife, relief, 15812
 Nutrition, child nutrition act of 1966, report, 15890
 Nutrition of plants, *see* Plants.

INDEX

0

- O.A.S.I. series, 16830-833
 Oak, strumella canker, description, control, etc., 16322
 OASI series, 16830-833
 Obesity, weight control, 16792
 Oblation, Apollo afterbody heat transfer and pressure, 16683
 Oblique impact of solid body on soil, 16429
 OBR series, 15645-651
 O'Brien, Lawrence F.:
 addresses, etc.—
 Sept. 26, 1966, 16778
 Sept. 29, 1966, 16777
 Oct. 5, 1966, 16776
 Oct. 10, 1966, 16775
 Occupational health, *see* Hygiene.
 Occupations:
 aptitude pattern structure, norms, general aptitude test battery, manual, 16246
 career opportunities—
 civilian scientists, engineers, etc., in Air Force Dept., 15485
 DSA civilian program for quality assurance and control, 16210
 Engineers Corps, Army, 16252
 repairman or mechanic, 16542
 Veterans Administration Department of Medicine and Surgery, physicians, 16894
 hazardous duty pay for government employees, amend act, report, 16070
 Navy, manual for civilian guidance counselors, etc., 16752
 specific, general aptitude test battery, norms USES manual, 16247
 Ocean:
 characterization of particulate matter, 16767
 freight rates on military cargoes, by U.S.-flag vessels, reduced, report, 16109
 pollution by oil, international convention for prevention, amendments, implementing, law, 15730
 see also Waves.
 Oceanography:
 joint Russian-Cuban studies, 16489
 sea grant colleges and program act, reports, 15863, 16081
 USSR oceanological research laws, discussion, 16430
 water masses, general circulation, USSR study, 16439
 Oceanology, *see* Oceanography.
 Oceans of truth (remarks), 15542
 O'Connor, William F., hypoxia and performance decrement, 15557
 Oculomotor nucleus, electrical stimulation, effects of stimulus frequency, 15492
 Odar, Fuat, verification of proposed equation for calculation of forces on sphere accelerating in viscous fluid, 15508
 Odessa, Tex., area wage survey, 16532
 Office buildings, Federal, Fort Worth, Tex., name in honor of Fritz Garland Lanham, law, 15723
 Office management, need for, and development of interagency management information system, presentation, 15561
 Officer candidate schools, selection of officer candidates, research, 15525
 Officers, *see* Armed Forces—*also* names of services to which officers belong.
 Ohio, landings, fish, annual summary, 16294
 Oil, *see* Petroleum.
 Oil fields, *see* Petroleum.
 Okpilak River and Valley, soils, development under Arctic environment, 15506
 Old-age and survivors insurance, OASI series, 16830-833
 Old Georgetown Market:
 preservation and use—
 law, 15767
 report, 16116
 Oldham, William J. B., jr., calculations of energy and angular distributions of electrons ejected from helium by 200- and 300-keV protons, 16695
 Olives, canned ripe, standards for grades, 16199
 Olson, Ronald J., relief, 15804
 Oman, background notes, 16851
 On-the-job training, *see* Employee training.
 Oncologists, 3d all-Union conference, USSR, 16417
 Ontario, Lake, water pollution, control, etc., hearing, 15974
 Ophthalmology, electrical stimulation of oculomotor nucleus, effects of stimulus frequency, 15492
 Optical calibration analysis of U.S. naval space surveillance system, 16761
 Optical measurements, electrochemical analysis of acids, etc., by optical methods 16717
 Optical radiation, *see* Radiation.
 Optics, direction indicator system does not require complicated optics, 16630
 Optimum pulse filters and signal accumulators, USSR, 16501
 Orbits:
 circular and elliptic, finite-escape from and capture, 16675
 equations of motion, integrating for use in space navigation, 16687
 Orders, *see* names of departments, etc., issuing orders.
 Oregon, congressional districts, 90th Congress, 15606
 Ores, *see* names of metals and minerals.
 Organic compounds:
 bulk water displacement from solid surface by organic liquid, 16756
 solution systems for displacing organic liquids from solid surfaces, 16768
 Organization:
 medical, USSR study, 16469
 problems, USSR scientific research, 16441
 see also Planning.
 Organs, body, radiation dose from inhalation or ingestion of soluble radionuclides, 15532
 Orphans:
 war orphans educational assistance program, extend benefits to children of deceased or disabled Philippine veterans—
 hearings, 16195
 reports, 15867, 15878, 16134
 Oscillations:
 horizontal sinusoidal, effects upon performance of standing workers, 16671
 nonlinear, damping, 16709
 Oscillations (electric):
 hydrodynamic instabilities limiting power of boiling water reactors, 15530
 Osen, Lars, rock bolts under combined loading, 16585
 Oskey, Rollo, relief, 16034
 Osteen, Fred M., relief, 16039
 Oswalt, Noel R., filling and emptying system, Cordell Hull Navigation Lock, Tenn., 16251
 Otelza, Alberto, relief, 15677
 Otolaryngology, monaural versus binaural discrimination for filtered CNC materials, impaired auditory mechanism, 15491
 Otto, Francis L., planning for safety on job-site, 16517
 Oudenhoven, Martin S., photoelastic study of internally stressed circular opening in biaxial stress field, 16571
 Our Capitol, print as Senate document report, 16075
 Our flag, print additional copies as H. doc., report, 16096
 Outdoor Recreation Bureau, Federal focal point in outdoor recreation, 16774

Outer space:

- EROS, Interior Dept. program to utilize space-acquired data for natural and human resource management, 16358
- research, Czechoslovakia, 16435
- see also headings beginning Space.
- Overseas business reports, 15645-651
- Overtime, see Hours of labor.
- Owens, James M., address, Sept. 28, 1966, 15562
- Oxides materials containing dispersed particles, secondary emission electron microscopy for examining, 16700
- see also oxides by name, e.g. Iron oxides.
- Oxidizing agents, rocket fuel oxidizers, fluorine and compounds, USSR study, 16473
- Oxygen:
 - carbon monoxide-oxygen reaction, ignition kinetics, 16706
 - determination in ferrous materials, SRM 1090, etc., 16714
 - plant consumption rates, respirometer enables high resolution, 16629
- Oxygen masks, selected facial measurements of children for oxygen-mask design, 15555

P

- P.R.L., see Personnel Research Laboratory.
- PA series, 15457-460
- Pacific Coast, North America and Asia, tidal current tables, 15638
- Pacific Islands, sailing directions, change, 16745
- Pacific Islands Trust Territory, see Trust Territory of Pacific Islands.
- Pacific Northwest, see Northwest (U.S.).
- Packaging:
 - fair packaging and labeling act—hearings, 15980-981
 - report, 15928
- Packer, Leo S., nomination, hearing, 16197
- Paint, current industrial reports, 15587
- Paintings:
 - American, Mary Cassatt, 5-cent commemorative postage stamp (poster), 16782
 - vested German, transfer to Germany, reports, 15921, 16154
- Pakistan:
 - agricultural commodities, agreement, 16866
 - establishing business in, 15651
- Palate, see Cleft palate.
- Paleoecology, marine, late Pleistocene, in central California, 16361
- Paleontology, contributions to paleontology (series), 16361
- Pamphlets, see names of departments, etc., issuing pamphlets.
- Panama:
 - country law study, 16206
 - U.S. programs, observations, report, 15968
- Paone, James, inelastic deformation of rock under hemispherical drill bit, 16582
- Papell, S. Stephen, buoyancy effects on critical heat flux of forced convective boiling in vertical flow, 16707
- Paper, Government specification standards, 15998
- Paperwork (office practice):
 - forms management, Navy Department guide, 16772
- Parachutes, airdrop, supplies and equipment, general, technical manual, change, 15517
- Parcel post, see Postage.
- Parents, deceased veterans, liberalize payments, report, 16076
- Parker, Russell C., food manufacturing structure, 16731
- Parker River National Wildlife Refuge, general information, 16302
- Particles:
 - single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720

Particles—Continued

- spectrum determination by transparency method for large particle concentration, 16410
- Pasma, Theodore K., characteristics of 63 modern industrial plants, 16216
- Passaic, N.J., area wage survey, 16530
- Pasternack, Morton, biasing effect on random bit errors on binary telemetry data, 16652
- Pasteurization, irradiated-pasteurized fishery products, study, 15539
- Pasture crops, see Forage crops.
- Pasture lands, Appalachian hillside, basic information, 15447
- Patents:
 - appeals cases adjudged, 16204
 - Eastern Utilization Research and Development Division, list, 15437
- Paterson, N.J., area wage survey, 16530
- Pathology, viable human tissues, processing and storage, 16808
- Patients:
 - aging, disease detection in persons over 45, office evaluation, 16806
 - hospital environment of research, education, and consultation, 16801
 - mental, social readjustment, studies, 16404
- Paulsen, Frederick G., Navy satellite navigation system, 16617
- Pay, see Wages.
- Pay, allowances, etc., dependents of members of uniformed services evacuated from danger area, law, 15775
- PCA, see Production credit associations.
- Pea Island National Wildlife Refuge, birds, list, 16304
- Peace:
 - food for peace act of 1966, report, 15927
 - food for peace from people of United States, 15461
 - Navy, keeping the peace, 16749
- Peace Corps:
 - act, amend—law, 15748
 - report, 16103
 - appropriations, 1967, reports, 15915, 16159
 - volunteers, opportunities in Federal civil service, 15632
- Peaceful uses of earth-observation spacecraft, 16602-604
- Peanuts, stocks and processing, 16871
- Pearl, Robert B., current population survey of U.S., origin, methods and evolution, 15593
- Peat, minerals yearbook chapter, 16568
- Peer ratings, see Ratings.
- Pegmatite, Georgia, selective flotation of mica, 16575
- Penalver, Rafael A., relief, 16004
- Pensions:
 - District of Columbia police, etc., equitable treatment for older disabled retirees, report, 15853
 - veterans—
 - enlisted men, credit inactive Reserve service, report 15858
 - non-service connected, veterans pension act of 1966, report, 15902
 - service connected death, liberalize payments to parents and children, report, 16076
 - Vietnam era readjustment assistance act hearing, 16185
 - welfare and pension plans disclosure act, amend with respect to filing of copies and making affidavits, report, 15896
- Peptides, surface chemistry of polypeptides, 16755
- Pequop Mountains:
 - discussion of high concentrations of zinc, lead, and mercury in Guilmette Formation and Simonson Dolomite of Devonian age, 16355
 - geochemical reconnaissance, 16355

INDEX

- Perez, Felix H., *see* Hurtado, Felix P.
Perez, Ortelio R., *see* Rodriguez Perez, Ortelio.
Perez de Gonzalez, Hilda W., relief, 15828, 16058
Performance tests, *see* Mental tests.
Periodontal disease, status of incoming Air Force Academy cadets, 15493
Pernas Becceiro, Daniel, relief, 16015
Persian Gulf, sailing directions, change, 16744
Personal affairs, Army handbook, 15512
Personal property, imported, civilian and military personnel, customs requirements, 16205
Personnel Research Laboratory, technical reports, 15487-488
Personnel services in education, *see* counselors.
Pesticides:
 behind pesticide label, consumer protection, etc., 15462
 metabolism, 16314
 Mississippi River Delta region, impact on environment, 15467
Pests, forest pest leaflets, 16322
Peterson, Eugene G., relief, 15813
Peterson, John B., jr., considerations regarding evaluation and reduction of supersonic skin friction, 16668
Petroleum:
 International Convention for Prevention of Pollution of Sea by Oil, amendments, implementing, law, 15730
 products survey (series), 16569
 thermal recovery project and 2 waterflood projects, Carter, Garvin, and Stephens Counties, Okla., 16560
Petroleum products, *see* Petroleum.
Pharmacists, residencies in Public Health Service hospitals, 16807
Phelan, Earl W., radioisotopes in medicine, 15550
Philippine Islands, *see* Philippines.
Philippines:
 health information for travel, 16795
 national service life insurance funds, peso payments, report, 15901
 veterans, hospitalization and medical care program, extend—
 hearing, 16195
 reports, 15866, 15877, 16133
 war orphans educational assistance—
 hearing, 16195
 reports, 15867, 16134
Phonographs, and record player attachments, current industrial reports, 15586
Phonorecords:
 children's recordings, selected list, 16223
 Library of Congress catalog, 16545
Phosphonium compounds, mercurated salts, USSR study, 16415
Photoelasticity, photoelastic study of internally stressed circular opening in biaxial stress field, 16571
Photoengraving, superior process for semiconductor devices, 16607
Photographs, identification of individuals through photographs, USSR study, 16505
Photography, *see* Aerial photography.
Photometry, brightness of earth as planet, USSR study, 16408
Photons, absolute yields of light elements by deuteron bombardment, 16699
Physical therapy, all-Union congress of physiotherapists and health-resort scientists in Baku, 16459
Physicians:
 aging patient, disease detection in persons over 45, office evaluation, 16806
 doctor bill insurance, medicare health benefits can help you, if you are about 65, 16831
 flight accidents, 15559
 opportunities in Medicine and Surgery Department, VA, 16894
Physiological reactions, dogs, characteristics and origin of delayed reactions, USSR study, 16496
Physiotherapy, *see* Physical therapy.
Picture story series, 15461-476
Pictured Rocks National Lakeshore, establish, report, 15887
Pierce, James L., commercial bank liquidity, 16278
Piersma, B. J., interaction of carbon dioxide with hydrogen chemisorbed on platinum electrode, 16764
Pigford, J. L., and wife, relief, 16029
Pigs, *see* Swine.
Pilots and pilotage, *see* Aviators.
Pine:
 Honduras—
 bagged and barerooted, survival and growth, 16326
 early height growth, effect of plastic mulch, 16327
 potting media, 16328
 lodgepole, antibiotics for control of canker rust, 15436
 longleaf, litter in stands thinned to prescribed densities, 16334
 ponderosa, southern Idaho, pine butterfly defoliation, 16325
 seedling survival under simulated drought, 16333
 slash—
 pole-sized, response to drainage, 16331
 racial variation, affected by climatic factors, 16339
Pine butterflies, *see* Butterflies.
Pins, alignment tool facilitates placement on irregular horizontal surfaces, 16633
Pioneer (USC&GS):
 International Indian Ocean Expedition, oceanographic stations, BT observations, and bottom samples, data report, 15636
Pipe lines, vacuum jacketed, leak locator eliminates need for removal of outer jacket, 16635
Pitman, Norman J., relief, 16032
Pittman, Charles W., jr., relief, 16011
Pitts, Donald G., electrical stimulation of oculomotor nucleus, effects of stimulus frequency, 15492
Pividal, Rafael J. Nobo y, *see* Nobo y Pividal, Rafael J.
Planets, interplanetary midcourse guidance using radar tracking and on-board observation data, 16686
Planning, Bulgaria, new system of planning and economic management, contracts and taxes, 16454
Planning (programming), *see* Programming (planning).
Plants:
 nutrients, consumption in U.S., 16870
 respirometer enables high resolution of oxygen consumption rates, 16629
Plants (industrial):
 characteristics of 63 modern industrial plants, 16216
 equipment handbooks—
 combination and miscellaneous instruments including dynamometers, 16208
 electrical control equipment, 16209
 manufacturing, location by industry, county, and employment size—
 instruments and related products, 15574
 transportation equipment, 15574
 under USDA inspection, processed fruits, vegetables, etc., list, 16202
Plasma, effects in near-zone field of antenna, 16616
Plastics:
 infrared spectra, materials developed since 1954, 16766
 mulch, effect on weed growth and early height growth of Honduras pine, 16327
 wood-plastic composites, engineering and evaluation study for manufacturing, 15534

La Plata-Animas project, *see* Animas-La Plata project.

Plates, thin, spray velocity resulting from high-velocity penetration by disks, 16682

Platinum, electrode, interaction of carbon dioxide with hydrogen chemisorbed, 16764

Platoons, rifle, Marine Corps, functions, etc., Fleet Marine Force manual, 16548

Playas, southern High Plains, hydrology, conservation, and management of runoff water, 15435

Pleistocene period, *see* Glacial period.

Plowshare program (civil, industrial and scientific uses for nuclear explosives): report, 15538

Plumas County, Calif., land conveyance to C. A. Lundy, 15826

Plumes, *see* Jet plumes.

Pneumatic conveyors, *see* Conveyors.

Pocket guides, Caribbean, 15503

Point Reyes National Seashore, land acquisition, clarify and increase authorization reports, 15922, 16113

Poisons, *see* Food poisoning.

Poland, defection of Wladyslaw Tykocinski, testimony, hearing, 15995

Police:

- District of Columbia—
- retirement benefits for older totally disabled, report, 15853
- salaries, increase, reports, 15853, 16139
- District of Columbia Police Department band, include members of Fire Department, etc., report, 15872

Political campaigns, *see* Elections.

Political corruption, preventing, Federal elections act of 1966, report, 16093

Pollution of water, *see* Water pollution.

Polyethylene, plastic squares for reducing weed growth around newly planted trees, 16327

Polygraphs, use as lie detectors by Federal Government, report, 15930

Polypeptides, *see* Peptides.

Polysiloxanes, *see* Siloxanes.

Ponderosa pine, *see* Pine.

Popular names of U.S. Government reports, catalog, 16546

Population:

- current population reports—
- consumer income, series, 15592
- technical studies, 15591
- Navaho Indians, analysis of sources of information—
- departmental edition, 15498
- document edition, 15779A
- United States, current survey, origin, method, and evolution, 15593

Porter, Bernard, density and molar volumes of binary fluoride mixtures, 16581

Portland, Oreg., area wage survey, metropolitan area, 16529

Portrait of median city, capsule view of social welfare programs in United States, 16905

Portugal, background notes, 16852

Portuondo, Alonso, relief, 15683, 15795, 16007

Post Office and Civil Service Committee, House:

- hearings, 15985-986
- report, 15868

Post Office and Civil Service Committee, Senate:

- hearing, 16197
- reports, 16065-66, 16069-70

Post Office Department:

- additional Assistant Postmaster General, report, 16066
- agreement with American Federation of Labor and Congress of Industrial Organizations, 16779
- appropriations 1967, law, 15699
- appropriations, transfers, report, 16065
- Assistant Postmaster General, nomination of Leo S. Packer, hearing, 16197

Post Office Department—Continued

- leasing property by Postmaster General, extend authority, report, 16127
- posters, commemorative stamps, 16780-783
- public service industry (address), 16777
- savings available if uniform items are furnished postal employees in lieu of allowances, GAO report, 16350

Postage, revise rates on 4th-class mail, law, 15762

Postage stamps:

- commemorative—
- 5-cent Beautification of America, 1st day ceremony (remarks), 16784
- 5-cent Christmas (poster), 16780
- 5-cent Great River Road (poster), 16781
- 5-cent Mary Cassatt American painting (poster), 16782
- 5-cent servicemen-savings bonds (poster), 16783

Postal rates, *see* Postage.

Postal service:

- continuing improvement (address), 16775
- dedication of self-service postal unit, Springfield, Mass. (address), 16776
- employees, savings available if uniform items are furnished in lieu of allowances, GAO report, 16350

Posters, Post Office Department, commemorative stamps, 16780-783

Postgraduate School, Naval, *see* Naval Postgraduate School, Monterey.

Postmasters:

- examination announcement, 15628
- 4th class, examinations, instructions to applicants, 15631

Potash, minerals yearbook chapter, 16570

Potential, functions, empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715

Potomac River, Fourteenth St. Highway Bridge, replace, report, 16147

Potting media for Honduras pine, 16328

Poultry:

- culling hens, 15444
- industry, organization and competition, 16724
- appendix, 16721
- processing plants, chemical compounds authorized for use under USDA inspection programs, list, 16201

Poverty:

- economic level, changes, 1960-65, in 9 Cleveland neighborhoods, 15591
- economic opportunity act, amendments of 1966, report, 16162

Powdered carbon, *see* Carbon.

Power, Northeast power failure, Nov. 9-10, 1965, hearings, 15977

see also Electricity.

Power lines, *see* Electric lines.

Power plants, third, at Grand Coulee Dam, etc., appropriation, 15784

see also Nuclear reactor power plants.

Power supplies, control circuit maintains unity power factor of reactive load, 16645

Powhatan Game Management Area, prescribed burn, effect on habitat, 16329

Pozas, Delma S., relief, 15686

Practical nurses, *see* Nurses and nursing.

Prayers:

- offered by House Chaplain, 89th Congress, 15780
- public schools, proposed constitutional amendment, hearings, 16191

Preamplifiers, *see* Amplifiers.

Precipitation, doppler radar measurements of turbulence, 16412

President of United States:

- address, May 26, 1966, 16843
- inaugural ceremonies act, amend, report, 15870
- messages, *see* in main alphabet, subject of message.

INDEX

- President's Commission on Crime in District of Columbia:
 appropriations, 1967—
 hearings, 15955
 report, 15938
- President's Commission on Law Enforcement and Administration of Justice:
 appropriations, 1967—
 hearings, 15955
 report, 15938
- President's reorganization plans, *see* Government reorganization plans.
- Presman, Mario, relief, 15674
- Presplitting rock in presence of static stress field, 16586
- Pressure:
 Apollo afterbody, with and without ablation, 16683
 Apollo command module, effect of protuberances, etc., 16647
 culvert, Greenup Lock, Ohio River, Ky., hydraulic prototype tests, 16249
 distributions, and heat-transfer on 60° and 70° swept delta wings having turbulent boundary layers, 16697
 environment in base of Saturn S-1C booster from Mach 0.1 to 3.5, wind-tunnel investigation, 16678
 peak, in thick targets generated by reduced density projectiles, 16615
- Pressure vessels:
 cylindrical, mismatch in circumferential joint, comparison of experimental and theoretical stresses, 16676
 elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
- Pribilof Islands, fur seals and other wildlife, conserve, report, 15935
- Price-Anderson act, *see* Indemnity.
- Price lists, *see* Government publications—also subject.
- Prices:
 farm-retail spreads, foods, cost components, 16732
 food costs, farm prices, information relating to agriculture, 15954
see also names of commodities.
- Prieto, Marcial A. Marti, *see* Marti Prieto, Marcial A. (Alfredo).
- Primavera, bagged and barerooted, survival and growth, 16326
- Printing Joint Committee, Government paper specification standards, 15998
- Private laws, *see* Law.
- PRL, *see* Personnel Research Laboratory.
- Proceedings of National Museum, title page, etc., v. 117, 16735
- Processing and storage of viable human tissues, 16808
- Processing of foods, *see* names of foods processed.
- Procurement, *see* Army—Military supplies—also names of subjects procured.
- Produce, *see* Agricultural products.
- Production:
 defense production act, extend, report, 16079
 productivity, bibliography, 16536
 research report, 15477
see also Gross national product—also names or classes of commodities.
- Production control, automated systems, USSR developments, 16399
- Production credit associations, PCA cooperative-patron credit plan, 16254
- Productivity, *see* Production.
- Professional papers, Geological survey, 16359-361
- Professional workers, preparation of professional personnel in education of handicapped children, manual, 16239
- Professions:
 allied health, personnel training act of 1966, report, 15841
- Professions—Continued
 education profession, literature, bibliography, 16231
 Program aid series, 15457-460
 Program planning and development, self-teaching materials, 15625
 Programmed instruction, USSR, conference, 16504
 Programming (computers), *see* Electronic computers.
 Programming (planning):
 USSR, use of electronic computers, 16488
 Project Apollo (man-in-space program):
 afterbody heat transfer and pressure with and without oblation, 16683
 command module, wind-tunnel pressure and heat-transfer distribution, effect of protuberances, etc., 16647
 infrared acquisition and tracking system, 16649
 Project EROS, *see* Satellites.
 Project Gemini (man-in-space program):
 general information, 16711
 Project Pre-Schooner (cratering experiment):
 cloud development studies, 15538
 Projectiles:
 effect of size and material on impact fracture of walls of liquid-filled tanks, 16688
 peak pressures in thick targets generated by reduced density, 16615
 Promotions:
 Air Force officers, provide opportunities—law, 15773
 reports, 15839, 15860, 16128
 women in Armed Forces, remove restrictions, report, 15949
 Propellants, hydrogen, acceleration along magnetic tube by ion beams, 16702
 Propellers, full-scale ducted, performance, predicted and measured, 16599
 Property, minimum standards for urban renewal rehabilitation, 16272
 Protective shelters, fallout shelters for homes with basements, handbook, 15623
 Proteins:
 fish concentrate, experiment and demonstration plants—
 hearings, 16180
 reports, 15941, 16080
 surface chemistry, 16755
 Protons, 200- and 300-keV, energy and angular distributions of electrons ejected from bombarded helium, 16695
 Provisioning screening procedures, DSA-DISC manual, 16211
 Psychology:
 higher mental functions, Soviet theory of development, 16479
 military—
 methods for improving enlisted input, current research activities, 15524
 officer candidates and cadets selection, research, 15525
 Psychology, Inter-American Congress of, *see* Inter-American Congress of Psychology.
 Public accountants, *see* Accountants.
 Public debt, Treasury Department circulars, 16880-881
 Public Documents Division, price lists, 16785-789
 Public Health Service:
 act, amend, reports, 15841, 16161
 grants for health services made to Indiana, financial administration, GAO review, 16347
 hospitals, pharmacy residencies, 16807
 reorganization, hearing, 16188
 research profile, 16809
 Public lands:
 common varieties act amendments, report, 16138
 geothermal steam deposits, disposition, report, 15933

Public law 480, *see* Agricultural trade development and assistance act of 1954.
 Public laws, *see* Law,
 Public Printer, *see* Government Printing Office.
 Public Roads Bureau, transfer, report, 16158
 Public schools, *see* Schools.
 Public welfare, demonstration projects focus on education for AFDC youth, 16253
 Public works:
 and economic development act of 1965, facts, 16217
 appropriations, 1967—
 hearings, 16173
 reports, 15914, 16165
 Public Works Committee, House:
 committee print, 15987
 hearings, 15988
 reports, 15837, 15909, 15934, 15948
 travel authorization, reports, 15904-905
 Public Works Committee, Senate, reports, 16078, 16126-127, 16148-149
 Publications, *see* Government publications—
 also names of departments, etc., issuing publications—also subjects.
 Puckett, H. B., pneumatic conveyor for distributing farm feed, 15477
 Puerto Rico, boiling nuclear superheater (BONUS) power station, Punta Higuera site, 15537
 Pulse acceleration, *see* Acceleration.
 Pulses:
 electric-pulse machining of metals and alloys, USSR study, 16477
 optimum pulse filters and signal accumulators, USSR study, 16501
 Pumping plants, *see* Pumps.
 Pumps:
 desalination pumping units, final evaluation report, 16377
 high pressure pumping station, closed loop operation eliminates need for auxiliary gas, 16631
 Punta Higuera, boiling nuclear superheater power station, project completion report, 15537
 Pupils (students), *see* Students.
 Purchasing, savings through increased purchasing from GSA supply sources by AEC contractors, GAO report, 16346
 Pyrolysis, products from subbituminous coal, influence of carbonization method, etc., on amounts, 16583

Q

Quality control:
 and reliability, handbook, 16213
 clothing and textiles, quality assurance information handbook, 16207
 DSA civilian career program, 16210

R

R.E.A., *see* Rural Electrification Administration.
 R. N. Bert Dosh Lock, name, law, 15754
 Rabbits, processing plants, chemical compounds authorized for use under USDA inspection programs, list, 16201
 Race problems:
 education and employment solution to equal rights, quandary (address), 16512
 racial equality in housing, etc., legal and moral basis (remarks), 16886
 Racial variation in slash pine as affected by climatic factors, 16339
 Radar, publications, price list, 16788
 see also Doppler radar.
 Radar tracking, interplanetary midcourse guidance, on-board observation data, 16686
 Radiant energy, transfer measurements in air, 16601

Radiation:
 conductivity changes produced in ice by optical irradiation 0.8 to 2.7 μ , 15505
 damage to immune response in mouse spleen cells, chemical protection, 15494
 dielectrometer design permits measurement in vacuum under irradiation, 16624
 dose, to various body organs from inhalation or ingestion of soluble radionuclides, 15532
 genetic effects, 15547
 irradiated-pasteurized fishery products, study, 15539
 measurements in conventional structures, 15527
 nongrey, effects on boundary layer of absorbing gas over flat plate, 16597
 synthesis, halogen compounds, final report, 15529
 TIROS IV data, tropospheric water vapor content and surface temperatures, 16606
 see also Heat transfer—Radiant energy—Thermal radiation.
 Radiation environment, *see* Environment.
 Radiators, central fin-tube, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
 Radio:
 industry, products, USSR, catalog, 16502
 publications, price list, 16788
 range finders, experience in working with, USSR study, 16482
 Radio broadcasting, market news by wireless, 15465
 Radio frequency filters, optimum pulse filters and signal accumulators, USSR study, 16501
 Radio receivers, *see* Receivers (radio).
 Radioactive substances, dust, retention by greenery, USSR study, 16403
 Radioactive waste disposal, article on sources and disposal of radioactive wastes, 15549
 Radioactivity:
 fallout shelters, protection for homes with basements, handbook, 15623
 radioactive equilibrium extent between radon and its short-lived daughter products in atmosphere, 16757
 Radiobiologiya (periodical):
 translation, 15526
 Radiobiology (USSR periodical):
 translation, 15526
 Radiography, nondestructive testing techniques, handbook, 16213
 Radioiodine, *see* Iodine isotopes.
 Radioisotopes, *see* Isotopes.
 Radiological Research Laboratory, Columbia University, annual report on research project, 15535
 Radionuclides, soluble, inhalation or ingestion, dose to various body organs, 15532
 Radon, radioactive equilibrium extent between radon and its short-lived daughter products in atmosphere, 16757
 Railroad Adjustment Board, *see* National Railroad Adjustment Board.
 Railroad employees:
 hours of service act of 1907, amend to provide 16-hour limitation for certain employees, hearings, 15976
 retirement act of 1937—
 amend to provide supplemental annuities—
 hearing, 16196
 report, 15945
 amend to provide survivors benefits for children, age 18-21, report, 15947
 annuities under, adjustments, report, 15947
 retirement tax act, amend to change rates of tax, hearing, 16196
 Railroad retirement acts, *see* Railroad employees.
 Railroad Retirement Board, appropriations, 1967, report, 16151

INDEX

- Railroads :
 All-Union Scientific-Research Institute of
 Railway Hygiene, report on laboratories,
 16391
 automatic block signal systems, etc., rules,
 standards, and instructions for instal-
 lation, inspection, maintenance, and re-
 pair, 16385
 telegraph communications in railroad
 transportation, USSR study, 16400
 Railways, *see* Railroads.
 Rain making, *see* Weather control.
 Rains, Norman M., relief, 16038
 Ramseier, Rene O., temperature dependence
 and mechanism of sintering, 15507
 Ran, Lim Ai, *see* Lim Ai Ran.
 Ran, Lim Soo, *see* Lim Soo Ran.
 Range finders, radio, experience in working
 with, USSR study, 16482
 Range lands, grasshopper control, hitting the
 hot spots, 15474
 Raphael, Pedro, relief, 15831
 Raschke, Ehrhard, tropospheric water vapor
 content and surface temperatures from
 TIROS IV radiation data, 16606
 Rasmussen, Maurice L., damping in non-
 linear oscillations, 16709
 Rates, *see* Electricity.
 Ratings, peer, selection of officer candidates
 and cadets, research, 15525
 Rats, brain, nitrous exchange during action
 of pulse accelerations, USSR study, 16421
 REA, *see* Rural Electrification Administra-
 tion.
 Reactions (chemical), *see* Chemical reactions.
 Reactions (physiological), *see* Physiological
 reactions.
 Reactors (atomic) :
 boiling water reactors, hydrodynamic in-
 stabilities limiting power, 15530
 hazards, indemnity provisions of atomic
 energy act, amend—
 hearings, 15778
 reports, 15913, 15926, 16135
 SNAP nuclear space reactor, principles
 and uses, 15551
 Reading :
 professional, guide for Navy and Marine
 Corps officers, 16750
 we read, children's books and recordings,
 selected list, 16223
 Real estate :
 leases by Post Office Dept., extend author-
 ity, report, 16127
 subdivisions sold through mails and in
 interstate commerce, prevent frauds,
 hearings, 16178
 Reapportionment :
 Virgin Island, legislature, amend organic
 act—
 hearings, 15975
 law, 15729
 Receivers (radio) :
 home-type and automobile, current indus-
 trial reports, 15586
 Recipes, seafood, heirloom recipes to treas-
 ure, 16299
 Reclamation Bureau :
 appropriations, 1967—
 amendment, 15784
 public works, hearings, 16173
 dams, 16816
 research report, 16317
 Reclamation of land :
 amend small projects act of 1956, law,
 15732
 compensation in connection with reclama-
 tion projects, amend law, report,
 16146
 feasibility of proposals, Interior Dept. to
 investigate, law, 15739
 strip and surface mining study in Appa-
 lachia report, 16379
 Reclamation projects, *see* Reclamation of
 land—*also* names of projects.
 Record players, *see* Phonographs.
 Recording instruments, *see* names or types
 of instruments.
 Recordings, *see* Phonorecords.
 Records :
 Government departments, etc., disposition,
 report, 15836
 vital, protection, 15622
 Recreation :
 dilemma of America (remarks), 16773
 outdoor, Federal focal point, 16774
 rural renewal loans for recreational devel-
 opment, report, 15916
 use estimate on complex of development
 sites, 16332
 Redevelopment (city planning, etc.) :
 areas eligible for financial assistance, map,
 16218
 demonstration cities and metropolitan de-
 velopment act of 1966, report, 15897
 public works and economic development
 act of 1965, facts, 16217
 separating storm and sanitary sewers in
 urban renewal, report, 15847
 urban renewal, rehabilitation, minimum
 property standards, 16272
 Redwood National Park, establish, hearings,
 16189
 Reference data system, *see* National stand-
 ard reference data system.
 Refractory materials, solar-energy device
 for testing, USSR study, 16434
 Refugees, Cuban and others, assistance, ap-
 propriations, 1967, reports, 15915, 16159
 Refugees, *see* names of refugees.
 Regional action planning commissions, estab-
 lish, facts, 16217
 Registers, civil aircraft, United States,
 16270
 Regulations, *see* names of departments, etc.,
 issuing regulations—*also* subjects.
 Regulatory agencies, *see* Government offices,
 Rehabilitation, urban renewal areas, mini-
 mum property standards, 16272
 Reliability (mechanical) :
 design goal development from small
 sample, 16628
 Relief work, disaster relief act of 1965, re-
 port, 15934
 Remote preamplifier circuit maintains stabil-
 ity over wide temperature range, 16646
 Renegotiation act of 1951, *see* Government
 contracts.
 Renegotiation Board, renegotiation act of
 1951, extend, report, 16071
 Rent, supplement assistance, FHA regula-
 tions, 16273
 Reorganization of Government activities,
see Government reorganization plans.
 Repair parts, aircraft, certification proce-
 dures for products and parts, Federal
 aviation regulations, 16258
 Repairing, *see* subjects.
 Repairmen, *see* Mechanics (persons).
 Reports, U.S. Government, popular names,
 catalog, 16546
see also names of departments, etc., issuing
 reports—*also* subjects.
 Republic of Korea, *see* Korea.
 Reque, Robert R., Court of Customs and
 Patent Appeals, patent cases adjudged,
 etc., 16204
 Rescue operations, *see* Rescue work.
 Rescue work, firefighting and rescue opera-
 tions, Army technical manual, 15515
 Research :
 dogs, cats, and other animals used for re-
 search, etc., regulate transportation,
 sale, and handling law, 15726
 education, research and development and
 United States balance of payments (re-
 marks), 16885
 research profile, 16809
 symposium, 16810

Research—Continued

- USSR, new academic city in Siberia is focus, 16458
- womanpower, shortage or surplus? assessment in Boston, conference report, 16912
- see also* Scientific research—*also* names of departments, etc., doing research—*also* subjects.
- Research and development reports, Atomic Energy Commission, 15526-539
- Research notes, Forest Service, 16323-335
- Research papers, Forest Service, 16336-339
- Research reports:
 - Cold Regions Research and Engineering Laboratory, 15505-510
 - Reclamation Bureau, 16817
- Reserve components of Armed Forces:
 - construction appropriations, 1967, report, 15908
 - enlisted members, credit inactive service in computing retired pay, report, 15858
 - facilities, construction authorization, 1967—
 - law, 15745
 - report, 15881
 - Reserve forces bill of rights and vitalization act, hearings, 15962
- Reserve Officers Training Corps, Army, selection of officer candidates, research, 15525
- Residences, *see* Houses.
- Resident youth worker for duty in Job Corps conservation centers, 15634
- Resins, infrared spectra, materials developed since 1954, 16766
- Resolutions, *see* Law.
- Resource publication (series), 16311-312
- Resources, *see* Natural resources.
- Respirometers, plant respirometer enables high resolution of oxygen consumption rates, 16629
- Retail prices, *see* Prices.
- Retail trade, *see* names of commodities and industries.
- Retired pay, *see* Pensions.
- Retirement, *see also* Armed Forces—Civil service pensions—Railroad employees.
- Revolution, American, Bicentennial commission, *see* American Revolution Bicentennial Commission.
- Revolving funds, Indian loan fund, amend law, report, 16125
- Rewards (prizes, etc.):
 - Enrico Fermi award, 1966 (remarks), 15545
 - Hungarian Academy of Sciences, academic awards and degrees, directive, 16481
- Rhenium, alloys, dilute tungsten, mechanical properties, 16654
- Rhodes, Cecil A., relief, 15803
- Rhodesia Southern, background notes, 16853
- Rich, Leslie, it takes courage, 16235
- Richard, H. L., Apollo infrared acquisition and tracking system, 16649
- Rifle company, Marine Corps, function, etc., Fleet Marine Force manual, 16548
- Ringworm, general information, 16796
- Rio Grande and Valley:
 - lower, salinity problem, solution—
 - law, 15755
 - reports, 15876, 16102
- Rio Muni, Equatorial Guinea, background notes, 16847
- Rivers:
 - basins, clean rivers restoration act of 1966, pollution control and abatement, program, reports, 15909, 15925
 - daily stages, 1963, 16900
- Roads and highways:
 - Federal-aid highway act of 1966, law, 15749
 - freeways to urban development, 16813
 - highway safety act of 1966—
 - law, 15742
 - report, 16078

Roads and highways—Continued

- highways, changing concept (address), 16814
- Louisiana, construction practices, report, 15948
- standard alphabets for highway signs, reference guide, 16815
- see also* names of roads or highways.
- Road signs, *see* Signs (road).
- Roadside stand, 15455
- Roberts, Travis, annual report for 1965, Cooperative Fishery Units, Division of Fishery Services, 16311
- Rocket fuel, *see* Fuel.
- Rocket propellants, *see* Propellants.
- Rockets:
 - booster recovery by use of hot-air balloon, 16705
 - exhaust plume at low altitude, aerodynamic model, 16762
 - Saturn S-1C booster, thermal and pressure environments in base from Mach 0.1 to 3.5, wind-tunnel investigation, 16678
 - temperature control unit for sounding rocket applications, 16655
- Rocks:
 - inelastic deformation of rock under hemispherical drill bit, 16582
 - presplitting in presence of static stress field, 16586
- Rodriguez, Antonio J. Senra, *see* Senra, Antonio J., and wife.
- Rodriguez, Julio Valdes, *see* Valdes-Rodriguez, Julio.
- Rodriguez, Perez, Ortelio, relief, 15672
- Roe, A. L., evaluating growth performance of young stands, 16324
- Rondberg, Samuel R., relief, 15688, 15809
- Rondon, Antonio Maria, *see* Rondon Delgado, Antonio.
- Rondon Delgado, Antonio, relief, 15835
- Roofs, snow loads in areas of heavy snowfall, 16323
- Rossi, Maria, relief, 15792
- Rotary valve controls multiple hydraulic leveling cylinders, 16625
- Rotation, Euler's theorem on rotations, use for synthesis of attitude control systems, 16696
- Roughness, *see* Surfaces.
- Rubino, Giuseppe, relief, 16006
- Rules and Administration Committee, Senate, reports, 16073-75, 16093, 16096-98, 16099, 16106, 16132
- Rules Committee, House, reports, 15841-842, 15845, 15858-860, 15862, 15874, 15876-878, 15890, 15898, 15903-905, 15923-926
- Rumania, new guidelines for scientific research, 16468
- Runoff, hydrology, conservation etc., of runoff water in playas, 15435
- Rural communities:
 - consumer expenditures and income, rural farm population, northeastern region, 15438
 - legal services program, in rural community action, 16219
 - Neighborhood Youth Corps, community action program, 16220
 - youth opportunity centers in rural community action, 16221
- Rural Electrification Administration, statistical report, rural electrification borrowers, 16818
- Rural redevelopment, renewal authority under Bankhead-Jones farm tenant act, broaden, report, 15916
- Russell, Clarence C., and wife, relief, 16036
- Ryukyu Islands:
 - appropriations, 1967, reports, 15915, 16159
 - economic and social development, increase appropriations, hearing, 16174

INDEX

S

- S.A.M., *see* School of Aerospace Medicine.
 Saad, George J., relief, 15694
 Saddle horse barn, 15454
 Safety Bureau, report BOSR (series), 15614
 Safety of life:
 challenge to supervisors, making young
 workers safe workers, 16519
 child protection act of 1966, reports,
 15942, 16121
 child safety act of 1966, hearings, 15979
 drug safety, hearings, 15971
 highway safety act of 1966—
 law, 15742
 report, 16078
 industrial safety, construction industry
 (series), 16517
 labor safety, establishment in Nis, Yugo-
 slavia, 16499
 longshoring, regulations, 16526
 maritime safety data for shipyards,
 16520-525
 mine safety, Federal metal and nonmetal-
 lic mine safety act—
 law, 15750
 report, 16072
 railroad employees and travelers rules,
 standards, and instructions for installa-
 tion, inspection, maintenance, and re-
 pair of systems, etc., 16385
 road-checks, Interstate Commerce Commis-
 sion, 1964-65 data, 16386
 traffic and motor vehicle safety act of
 1966, law, 15741
 traffic safety act of 1966, report, 16077
 traffic safety at crossroads (remarks),
 15660
 Sailing directions:
 Pacific Islands, change, 16745
 Persian Gulf, change, 16744
 Salad dressing, and related products, current
 industrial reports, 15588
 Salaries:
 District of Columbia—
 firemen, increase, reports, 15853, 16139
 Judges, retired, increase retirement
 salaries—
 law, 15757
 report, 16114
 police, increase, reports, 15853, 16139
 teachers, school officers, etc., increase,
 report, 16139
 government employees, hazardous duty
 pay, amend, classification act, report,
 16070
 Naval Postgraduate School academic dean,
 repeal limitation, law, 15719
 Smithsonian Institution executive posi-
 tion, rates of compensation, establish,
 hearing, 15986
 see also Wages.
 Sales, *see* names of commodities, etc.
 Saline water, *see* Sea water—water.
 Saline Water Office, report, 1965, 16371
 Salinity:
 Lower Rio Grande problem, solution—
 law, 15755
 reports, 15876, 16102
 Salmon, spawning pink salmon, Sashin
 Creek, southeastern Alaska, distribution
 and survival of progeny, 16313
 Salt water, *see* Sea water.
 Salton Sea:
 area, water resources of lower Colorado
 River (series), 16360
 hydrologic regimen, 16360
 Salts:
 electrochemical analysis by emf, conduct-
 ance, optical, and kinetic methods,
 16717
 mercurated phosphonium and arsonium
 salts, USSR study, 16415
 Salvage:
 marine salvage and hull repair, Army
 technical manual, 15520
 publications in salvage archeology, 16827
 SAM, *see* School of Aerospace Medicine.
 Sample surveys, *see* Social surveys.
 San Antonio, Tex.:
 area wage survey, 16531
 HemisFair 1968, U.S. participation, amend
 act—
 hearing, 15967
 report, 16166
 Sanchez-Hernandez, Hector J., relief, 16048
 Sanitation, buses, handbook, 16794
 San Juan County, Colo., manganese occur-
 rences in Eureka-Animas Forks area,
 16558
 San Juan Island National Historical Park:
 establish—
 law, 15743
 report, 15857
 Santeler, Donald J., vacuum technology and
 space simulation, 16619
 Santillano, Antonio B., relief, 15822
 Sashin Creek, spawning pink salmon, dis-
 tribution and survival of progeny, 16313
 Satellites:
 attitude control systems, synthesis, use of
 Euler's theorem on rotations, 16696
 attitude determination by Kalman filter-
 ing, 16608-609
 communications, government use, hear-
 ings, 15973
 endless-loop tape transports, design, etc.,
 techniques, errata, 16650
 Navy navigation system, 16617
 Project EROS, program to utilize space-
 acquired data for natural and human
 resource management, 16358
 scientific, wide-range temperature monitor-
 ing and compensating networks, new
 design approach, 16681
 stabilization, passive gravity-gradient,
 symposium, 16620
 synchronous, drift, earth's longitude grav-
 ity field sensed by, 16658
 TIROS IV radiation data, tropospheric
 water vapor content and surface tem-
 peratures, 16606
 Saturn (rocket), *see* Rockets.
 Saudi Arabia, foreign trade regulations,
 15649
 Savings accounts, *see* Banks and banking—
 Deposits (soldiers, etc.).
 Savings and loan associations:
 financial institutions supervisory act—
 hearings, 15963
 report, 16101
 Savings bonds:
 5-cent commemorative postage stamp
 (posters), 16783
 regulations governing, department circu-
 lar, 16877
 series H, general information, department
 circular, 16878
 Scattering, media, determination of extinc-
 tion coefficient, 16407
 Scher, Stanley H., booster recovery by use
 of hot-air balloon, 16705
 Schertler, Ronald J., charging submicron
 carbon powder for colloidal particle thrus-
 tors, 16703
 School attendance, drop outs, summer camp
 used in year-round training program,
 16236
 School drop outs, *see* School attendance.
 School lunches:
 national school lunch act, amend, report,
 15865
 program, billion-dollar market for food,
 15459
 School of Aerospace Medicine, technical re-
 ports, 15489-495
 School officers, *see* School superintendents,
 etc.

- School superintendents, etc., District of Columbia school officers, etc., increase salaries, report, 16139
- Schools:
- ghetto schools are liability to all (address), 16228
 - grants for construction of training facilities, etc., for health professions personnel, report, 15841
 - public, prayer, proposed constitutional amendment, hearings, 16191
 - see also* Elementary education—School lunches.
- Schrage, William F., foreign trade regulations of East Africa, 15646
- Schroeder, W. C., application of saline water conversion processes to acid mine waters, 16374
- Science:
- Academy of Sciences, Belorussian SSR, annual general meeting, 16419
 - Academy of Sciences, Bulgaria, proceedings, 16465
 - Academy of Sciences, Hungary, academic awards and degrees, directive, 16481
 - Academy of Sciences, USSR, general meeting, 16447
 - cadres of great science by M. A. Lavrent'ev, discussion, 16452
 - Chinese Communist, evaluation of comprehensive study, 16460
 - economic and social implications, current projects, 16741
 - education, decade of reform (remarks), 15540
 - historical, USSR study, 16397
 - physical, national standard reference data system, extend service, hearings, 15989
 - role of students in science societies in USSR, 16394
 - science, technology and future of society (address), 15658
 - Ukrainian Scientific Research Institute of Special Steels, Alloys, and Ferroalloys, poor research management, 16405
 - see also* names of sciences.
- Science and Astronautics Committee, House: hearings, 15989
- Scientific apparatus and instruments, duty free entry for certain universities, report, 16130
- Scientific basis of Party's policy, USSR, 16491
- Scientific research:
- basic research, applied research, and development in industry, 1963 survey, 16740
 - Eastern Europe, unified program, 16431
 - funds for research and development, industry, 1963, final report, 16740
 - Rumania, new guidelines, 16468
 - Ukrainian Scientific Research Institute of Special Steels, Alloys, and Ferroalloys, poor management, 16405
 - USSR, organizational problems, 16441
 - see also* subjects.
- Scientific satellites, *see* Satellites.
- Scientific societies, USSR activities, 16414
- Scientists:
- Agricultural Research Service, teamwork on Delta, study of impact of pesticides on environment, 15467
 - career opportunities, civilian, Air Force Dept., 15485
 - efficiency, means of raising, USSR study, 16457
 - employment in industrial research, etc., 1963, final report, 16740
 - USSR—
 - activities, 16432
 - Krivoy Rog Mining Institute, disagreement, 16395
- Scott, Charles E., jr., industry wage survey, candy and other confectionery products, 16537
- Scott's Bluff National Monument, general information, 16737
- Screwworms:
- eradication in Mexico, amend act of Feb. 28, 1947—
 - hearing, 16169
 - law, 15711
 - invasion, first line of defense against, control, etc., 15464
- Scribner, Bourbon F., activities of NBS Spectrochemical Analysis Section, 16718
- SD series, 16214
- Sea, *see* Ocean—Water pollution.
- Sea grant colleges, *see* Colleges and universities.
- Sea water:
- conversion—
 - conceptual design of 150 million gallon per day LTV desalting plant, 16370
 - report, 16371
 - desalination, electrosorption and desorption, of sea water, 16373
 - desalting,—
 - ion-selective membranes, improved, development, 16376
 - northern New Jersey and New York City, engineering study, 16378
 - nuclear energy, 15548
 - plant in California, construction, report, 16145
- Seaborg, Glenn T.:
- remarks—
 - Sept. 22, 1966, 15543
 - Sept. 23, 1966, 15545
 - Sept. 28, 1966, 15544
 - Oct. 5, 1966, 15541
 - Oct. 6, 1966, 15542
 - Oct. 21, 1966, 15540
- Seafood, heirloom recipes to treasure, 16299
- Seals (animals):
- fur seal act of 1966, report, 15935
 - fur seals, Pribilof Islands, protect and and conserve, report, 15935
- Seals (numismatics):
- Senate, history, print revised edition, report, 16073
- Secondary education:
- elementary and secondary education act amendments of 1966, report, 15924
 - specialized, improve training of specialists and perfecting leadership, USSR study, 16470
- Secondary schools, *see* High schools.
- Security, *see* National security.
- Sedimentation and deposition:
- sedimentation in—
 - Brownell Creek subwatershed 1, Nebr., 16363
 - small drainage basins (series), 16363
- Seedlings, *see* names of plants or trees.
- Seeds:
- Federal seed act, amend—
 - hearing, 15952
 - reports, 15912, 16152
 - see also* names of plants.
- Seefeldt, August C., relief, 16033
- Seefeldt, Merritt A., relief, 16033
- Seefor, Richard G., unused manpower, Nation's loss, 16514
- Seeman, J. S., deck motion simulator program, 16671
- Seismic waves, *see* Tsunami (tidal wave).
- Seismology, seismic survey, northwest Greenland, 15509
- Selling to AEC, 15546
- Semiconductors, devices, superior photoengraving process, 16607
- Senate:
- appropriations, 1967, legislative—
 - hearings, 16171
 - law, 15727
 - seals, history, print revised edition, report, 16073
- Senate executive documents, 15999–16000

INDEX

Senate executive reports, 16001-2

Senate reports:
 private bills, 16003-64
 public bills, 16065-167
 Seney National Wildlife Refuge, general information, 16300
 Senra, Antonio J., and wife, relief, 15670
 Sensors, earth-observation spacecraft, sensor requirements and experiments, 16604
 Serial set (congressional), 15665-667
 Series ISPO 1, 15596
 Service and regulatory announcements, Consumer and Marketing Service 16203
 Servicemen, *see* Postage stamps.
 Setien, Alberto J. E. Oteiza, *see* Oteiza, Alberto.
 Sewage:
 separating storm and sanitary sewers in urban renewal, report, 15847
 sewage and water works construction, contract awards, 16292
 sewer works construction, labor and material requirements, 16534
 Sewers, *see* Sewage.
 Shaw, William H.:
 remarks—
 Sept. 30, 1966, 15642
 Oct. 1, 1966, 15657
 Oct. 13, 1966, 15644, 15652
 Shaw Junior High School, early land acquisition, law, 15746
 Sheehan, W. C., ion-selective membranes for desalting water, 16376
 Sheet metal, heating of bilayer sheet in welding with laser beam, USSR study, 16463
 Shellfish:
 Georgia landings, annual summary, 16296
 Virginia landing, annual summary, 16295
 Shells (structural):
 aerodynamic characteristics of tension, shell shapes at Mach 3.0, 16690
 cylindrical, analytical methods used to determine modal characteristics, 16618
 spherical—
 segments vibration, Green's function approach, 16611
 shell with non-axisymmetric boundary, analysis, 16395
 Sherer, Alan D., analysis of linearized supersonic flow about pointed bodies of revolution by method of characteristics, 16659
 Sheridan, Eugene T., peat, 16588
 Shipbuilding:
 construction-differential subsidies, extend 55-percent maximum rate, law, 15759
 repairing, shipbuilding and shipbreaking, ventilation for control of flammable atmospheres, maritime safety data, 16524
 Shippers, and receivers of fresh fruit and vegetables, selected Government services used, 16728
 Shipping:
 act, 1916, amend, report, 16109
 code of Federal regulations, 16277
 element in transportation's evolution, development needed (statement), 16549
 military cargoes, reduced ocean freight rates by U.S. flag vessels, report, 16109
 Ships:
 construction, *see*, in main alphabet, Shipbuilding.
 ladders used for access in shipyards, maritime safety data, 16521
 merchant fleets of world, seagoing steam and motor, 1000 gross tons and over, 16550
 motions and drag reduction, naval hydrodynamics symposium, 16753
 small vessels, simplify admeasurement, law, 15701
 see also Hulls (ships)—Shipbuilding.

Shipyards:

safety data, maritime, 16520-525
 fire and explosion hazards, 16522
 ladders and other means of access used on vessels, 16521
 temporary lights for flammable atmospheres and for general use, 16523
 Shock (mechanical):
 shock-induced separated flow, wind-tunnel predictions correlated with flight results, 16661
 Shrine, Mystic, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
 Shrubs, battle of the bush, eradication, etc., 15471
 Siberia, research, advanced, new academic city is focus, 16458
 Sierra Leone, agricultural commodities, agreement, 16859
 Sight:
 disorders, summary of research progress, 16809
 visual accommodation system in humans, 16612
 Signal systems, railroad, installation, inspection, maintenance, and repair of systems, devices, and appliances, rules, standards, and instructions, 16385
 Signals, accumulators, USSR study, 16501
 see also Time signals.
 Signs (road):
 standard alphabets for highway signs, reference guide, 16815
 Sikaras, Panagiota K., relief, 16019
 Silicones, thermal degradation processes and stabilization by cerium inhibitor, 16759
 Siloxanes, thermal degradation processes and stabilization by cerium inhibitor, 16759
 Silver, ores, census of mineral industries, 1963, industry statistics, 15575
 Simon, A. C., investigation of intergranular corrosion of lead-antimony grid alloys, 16763
 Simonson Dolomite, *see* Devonian period.
 Simulation in biology and medicine, USSR, 16475
 Simulators:
 computer program, adaptable to industrial processes, 16641
 deck motion simulator program, 16671
 manrating space environment, aerospace medicine considerations, 15481
 see also Aircraft—Space simulators.
 Sintering, snow, temperature dependence and mechanism, 15507
 Sites, installations planning, general, Army technical manual, 15516
 Skin friction (aircraft):
 supersonic, evaluation and reduction, 16668
 Slash pine, *see* Pine.
 Slaughtering:
 hog slaughtering and dressing systems, 15448
 hogs, labor cost, 16723
 Slavin, Joseph W., irradiated-pasteurized fishery products, 15539
 Slip laws, *see* Law.
 Slums, demonstration cities and metropolitan development act of 1966, report, 15897
 SM series, 15625
 Small business, *see* Business.
 Small Business Administration:
 appropriations, 1967—
 hearings, 15955
 report, 15938
 budget, 1967, amendments, 15787
 financial assistance programs, summary, 16823
 organization, changes—
 hearings, 15963
 report, 15937
 Small Business, Select Committee on, House, hearings, 15990-993

- SMI (supplementary medical insurance), *see* Medical care.
- Smith, A. Howard, remarks, Sept. 26, 1966, 15635
- Smith, A. M., nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
- Smith, Peter M., culvert pressures, Greenup Lock, Ohio River, Ky., 16249
- Smith, Robert J., enhancement of superconducting current-carrying capacity in niobium through hydrogen treatment, 16693
- Smithsonian Institution:
Arts and Industries Building, guide map, 16824
general information, 16828
History and Technology Museum, guide map, 16825
Natural History Museum, guide map, 16826
publications, price list, 16787
rates of compensation for certain executive positions, establish, hearing, 15986
- Smoking, mortality from diseases associated with, U.S., 16811
- SNAP (systems for nuclear auxiliary power), *see* Atomic auxiliary power generators.
- Snively, James W., Jr., statistical data compression technique, 16680
- Snow:
loads on roofs in areas of heavy snowfall, 16323
sintering, temperature dependence and mechanism, 15507
- Snowden, Suzanne, current projects on economic and social implications of science and technology, 16741
- Snyder, Irene, relief, 15669
- Social power and social change in contemporary America, address, 16854
- Social sciences:
economic and social implications of advances in science, etc., current projects, 16741
research, raising level, USSR study, 16464
- Social security:
act, amend, report, 15842
beneficiaries who live outside United States, message, 16833
health insurance, medicare handbook, medical insurance, 16832
- Social Security Administration, actuarial note, 16829
- Social service, *see* Social work and problems.
- Social surveys, Atlantida, case study in household sample surveys, sample design, 15596
- Social welfare, *see* Social work and problems.
- Social work and problems:
duty of educated individual (address), 15640
mental patients, social readjustment, studies, 16404
social welfare, portrait of median city, capsule view of programs in U.S., 16905
State data and rankings, 16365
welfare, etc., international development programs, contribution of Welfare Administration—
French edition, 16903
Spanish edition, 16902
- Socialism, present-day Catholic social doctrine vis-a-vis working class, USSR, 16509
- Societies, role of student science societies in USSR, 16394
- Society, science, technology and future of society (address), 15658
- Sociology, sociological research, USSR study, 16397
- Sodium, reduction of titanium lower chlorides dissolved in sodium chloride, 16572
- Soil conservation:
county committees, extend benefits to employees, report, 16069
needs broaden after 30 years, 15468
- Soil mechanics, cement and dispersant additives, effect on hydraulic backfill, laboratory study, 16576
- Soil moisture, *see* Soils.
- Soils:
China, translations, from T'u-jang Chuan-pao, 16467
liming, aid to better farming, 15442
oblique impact of solid body on soil, USSR study, 16429
Okpilak River region, Alaska, development under Arctic environment, 15506
saturated, survival and 1st-year growth of hardwoods, 16335
soil survey investigations reports, 16836-842
soil survey laboratory data and descriptions—
Arkansas, Louisiana, Missouri, 16839
Iowa, 16837
Kansas, 16838
Minnesota, 16842
Montana, 16840
North Dakota, 16836
Wyoming, 16841
soil survey report, Clinton County, Pa., 16835
technical journal of soils, translations, 16398
tests computer programs, 16817
- Solar batteries, cadmium sulfide, thin-film, thermal cycling, 16657
- Solar cells, *see* Solar batteries.
- Solar energy:
device for use in testing refractory materials, USSR study, 16434
drying of tropical hardwoods, 16338
- Solar system, analog model relates celestial bodies spatially, 16636
- Solder and soldering, electroplating eliminates gas leakage in brazed areas, 16637
- Soldiers' deposits, *see* Deposits (soldiers, etc.).
- Soldiers' Home, District of Columbia, appropriations, 1967, report, 16151
- Solid-state switch increases switching speed, 16644
- Solid surfaces, *see* Surfaces.
- Solution of ordinary differential equations by means of Lie series, 16592
- Solutions, systems for displacing organic liquids from solid surfaces, 16768
- Sonic boom, characteristics of proposed supersonic and hypersonic airplanes, 16667
- Soon Kim Kin, *see* Kim Kin Soon.
- Sorption, *see* Desorption—Electrosorption.
- Soto, Emilio V., relief, 15821
- Sotolongo, Julio C. Muniz y, *see* Muniz y Sotolongo, Julio C.
- Sound recording and reproducing equipment, *see* Tape recorders.
- Sounding (meteorology):
thermal radiation sounding of water surface layer from radiation of heat, 16411
- Sounding rockets, *see* Rockets.
- South (U.S.):
small metropolitan areas, employee earnings and hours, 16539
- South Africa, United States relations with, hearings, 15969
- South Dakota:
census of manufactures, 1963, area statistics, 15572
congressional districts, 90th Congress, 15599
- South Korea, *see* Korea.
- Southeast Asia, *see* Asia.
- Southeastern Power Administration, appropriations, 1967, hearings, 16173
- Southeastern University, charter, amend, 15789, 16046
- Southern Rhodesia, *see* Rhodesia.
- Southern States, *see* South (U.S.).
- Southwest (U.S.):
southern High Plains, runoff water in playas, hydrology, etc., 15435

INDEX

- Southwestern Power Administration, appropriations, 1967, hearings, 16173
- Soviet Union, *see* Union of Soviet Socialist Republics.
- Soybeans, diseases, 15440
- SP series, *see* MA SP series—NASA SP series.
- Space, *see* Outer space.
- Space flight, *see* Astronautics.
- Space navigation, *see* Navigation.
- Space science, and applications program, 16712
- Space simulators:
vacuum technology and space simulation, 16619
video signal processing system, 16643
- Space stations, manned, thermal integration of electric power and life support systems, 16590
- Space suits, evaluation and comparison, errata, 16653
- Space surveillance system, *see* Naval space surveillance system.
- Space telemetry, *see* Telemetry.
- Space vehicles, *see* Spacecraft.
- Spacecraft:
Apollo—
afterbody, heat transfer and pressure with and without ablation, 16683
command module, effect of protuberances, etc., on pressure and heat-transfer distribution, 16647
design reliability goal developed from small sample, 16628
landing, prediction of inversion load of circular tube, 16685
launch vehicle checkout, current measurement, 16665
low-frequency noise reduction, 16605
manned meteorological observations, USSR study, 16409
peaceful uses of earth-observation spacecraft, 16602-604
SNAP nuclear space reactor, principles and uses, 15551
vacuum technology and space simulation, 16619
see also Satellites.
- Spakowski, Adolph E., thermal cycling of thin-film cadmium sulfide solar cells, 16657
- Spatz, Laura H., productivity, bibliography, 16536
- Special Representative for Trade Negotiations, Office of:
appropriations, 1967—
hearings, 15955
report, 15938
- Specialists:
job placement, shortcomings in USSR plan, 16480
training in higher and secondary specialized education, improve, USSR study, 16470
- Specific electron charge, charging submicron carbon powder for colloidal particle thrusters, 16703
- Specifications, *see* Government supplies—*also* subjects.
- Spectra:
infrared, plastics and resins, materials developed since 1954, 16766
particle spectrum determination by transparency method for large particle concentration, 16410
wind-wave angular spectrum, USSR study, 16413
- Spectrochemical Analysis Section, NBS, activities, annual report, 16718
- Spectroscopy, mass, bibliography of literature, compiled by computer method, 15533
- Spectrum, *see* Spectra.
- Speech, discrimination, expanded test using CNC monosyllabic words, Northwestern University auditory test, 15489
- Spencer, Carrol D., consumption of commercial fertilizers and primary plant nutrients in U.S., 16870
- Spencer, John D., Mines Bureau coal program, 16559
- Spheres:
accelerating in viscous fluid, proposed equation for calculation of forces on, verification, 15508
Green's function approach to vibration of thin spherical shell segments, 16611
spherical shell with non-axisymmetric boundary, 16595
- Spinal cord, injuries and diseases, research funds, report, 16140
- Spleen, immune response, chemical protection against radiation damage, 15494
- Sport fisheries, *see* Fish and fisheries.
- Sport Fisheries and Wildlife Bureau:
resource publications (series), 16311-312
unauthorized use of management and investigations of resources funds for new construction, GAO report, 16351
- Sporting goods, bibliography, 16821
- Spring Garden Planting Week, designate, report, 16085
- Squaw Creek National Wildlife Refuge, birds, list, 16307
- Squillace, A. E., racial variation in slash pine as affected by climate factors, 16339
- Stability, maintained by preamplifier circuit over wide temperature range, 16646
- Stability of aircraft, tilt-wing V/STOL transport, powered 1/9-scale model, static and dynamic longitudinal stability derivatives, 16670
- Stabilization, passive gravity-gradient, NASA symposium, 16620
- Stainless steel, honeycomb structures, USSR study, 16424
- Stamps, *see* Postage stamps.
- Standard reference data system, *see* National standard reference data system.
- Standards and Conduct, Select Committee on, House, create, report, 15903
- Standards and Conduct, Select Committee on, Senate, hearings, 16198
- Standards and standardization:
directory SD series, 16214
Federal standard, 16289
national standard reference data system, extend service, hearings, 15989
standard reference materials, 16714
see also subjects.
- Stark, Lawrence, biological control systems, critical review and evaluation, 16598
- State banks, membership in Federal reserve system, regulations, 16284
- State boards and departments of education, *see* Educational boards and departments.
- State courts, habeas corpus, applications for writs by persons in custody pursuant to judgments, report, 15884
- State Department:
appropriations, 1967—
hearings, 15958
report, 15938
background notes, 16844-853
department and foreign service series, 16854
- State Departments of Education, Advisory Council, *see* Advisory Council on State Departments of Education.
- States:
citrus fruit production, use, value, 16869
congressional districts, redistricted for 90th Congress, 15598-610
education, improving leadership, 16234
Federal grants—
health planning and services, report, 16161
highway safety act of 1966—
laws, 15742, 15749
report, 16078
health authorities, 1966 directory, 16793
health, education, and welfare trends, data and rankings,
laws, transportation and textbooks for parochial school students, 16241

States—Continued

selected services area statistics, 1963 census of business, 15566
 Statistical abstract of United States: departmental edition, 15597
 document edition, 15781
 Statistical data compression technique, 16680
 Statistical publications, *see* names of departments, etc., issuing publications.
 Statisticians, agricultural, examination announcements, amdt., 15627
 Statistics:
 Federal statistics, decade of progress (remarks), 15644
 foreign trade, hearings, 16183
 see also subjects.
 Statutes, *see* Law.
 Statutes of limitations, *see* Limitations (law).
 Stavriotis, Emil, foreign trade regulations of Saudi Arabia, 15649
 Steel:
 mechanical properties, change due to action of hydrogen, USSR study, 16506
 scrap, minerals yearbook chapter, 16561
 see also Stainless steel.
 Stefferud, Alfred, birds in our lives, 16293
 Steinhilber, August W., State law relating to transportation and textbooks for parochial school students and Constitutional protection of religious freedom, 16241
 Stephens County, Okla., thermal recovery and 2 waterflood projects, 16560
 Steputis, Walter J., soil survey, Clinton County, Pa., 16835
 Stevens, Richard F., jr., columbium and tantalum, 16556
 Stimler, Suzanne S., infrared spectra of plastics and resins, materials developed since 1954, 16766
 Stimulus, frequency, effects with electrical stimulation of oculomotor nucleus, 15492
 Stockman, Norbert O., comparison of 1- and 2-dimensional heat transfer calculations in central fin-tube radiators, 16698
 Stockpiling, *see* Strategic materials.
 Storage, *see* names or classes of articles stored.
 Story of Kurchatov, 16450
 Stover, W. F., land conveyance, 16028
 Strains and stresses:
 buckling, eccentrically stiffened cylinders, experimental and theoretical results, 16694
 elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
 mismatch in circumferential joint in cylindrical pressure vessel, comparison of experimental and theoretical stresses, 16676
 photoelastic study of internally stressed circular opening in biaxial stress field, 16571
 presplitting rock in presence of static stress field, 16586
 spherical shell with non-axisymmetric boundary, analysis, 16595
 tension shell shapes at Mach 3.0, aerodynamic characteristics, 16690
 Stransky, John J., pine seedling survival under simulated drought, 16335
 Strassman, Fritz, Enrico Fermi award, 1966 (remarks), 15545
 Strategic materials:
 disposal of metallurgical grade manganese ore from national and supplemental stockpiles—
 law, 15722
 report, 16089
 Stratification, flow, Taylor instability, 16596
 Strawberries, diseases, 15443
 Stresses (mechanical), *see* Strains and stresses.

Strikes and lockouts, July–Aug. 1966, airline strike, magnitude and significance for economic regulatory purposes (remarks), 15617
 Strip-minded lands, *see* Reclamation of land.
 Strip mines, *see* Coal mines and mining.
 Strumella canker of oaks, 16322
 Students:
 full-time, ages 18 to 21, amend railroad retirement act to provide survivor benefits, report, 15947
 loan programs for medical, osteopathic, dental, etc., and nursing students, report, 15841
 loans, increase credit life, health, or accident maximum amounts allowable in D.C., report, 15852
 role in science societies in USSR, 16394
 scope of pupil personnel services, 16240
 student manual, SM series, 15625
 Subcontractors, *see* Government contracts.
 Sublimation, modular porous plate sublimator requires only water supply for coolant, 16632
 Subsidies, *see* names of commodities, industries, etc.
 Subversive Activities Control Board:
 appropriations, 1967—
 hearings, 15955
 report, 15938
 reports, 16874
 Summer seminars, overseas projects in education, 16243
 Sun, *see* headings beginning Solar and Sun.
 Super Market Institute, figure exchange reports, 16730
 Superconductivity, enhancement of current-carrying capacity in niobium through hydrogen treatment, 16693
 Superconductors:
 electrodynamics of superconducting parallel path circuit, 16770
 magnetic torque of ideal superconducting toroids, 16771
 Supersonic aircraft, *see* Aircraft.
 Supersonic airplanes, *see* Airplanes.
 Supersonic flow, *see* Flow.
 Supervisors, challenge to supervisors, making young workers safe workers, 16519
 Supplies, *see* Government supplies—Military supplies.
 Surface water, *see* Water.
 Surfaces:
 irregular horizontal, alignment tool facilitates pin placement on, 16633
 lunar surface, panoramic views, 16710
 roughness, drag at supersonic speeds, 16669
 solid—
 displacing of organic liquids from, solution systems, 16768
 surface-chemical displacement of bulk water, 16756
 Surplus property:
 donable program, evaluation, hearings, 15972
 utilization for education, public health, and civil defense, hearings, 15972
 Surrey, Stanley S., remarks, Oct. 5, 1966, 16876
 Surveying instruments, mine-surveying, Soviet facilities and equipment developed at Soviet institute, 16485
 Surveys, *see* Community surveys—*also* subjects of surveys.
 Survival, hardwoods planted in saturated soils, 16335
 Susquehanna River and Valley, basin project for water supply and water quality management, 16291
 Swanquarter National Wildlife Refuge, birds, list, 16303
 Sweden, manpower policy and programs, 16515

INDEX

Swine :

- hog slaughtering—
and dressing systems, 15448
- labor costs, 16723
- pig crop report, 16872
- Switches, *see* Electric switchgear.
- Sycamore, viable seed produced after 6 years, 16330
- Sylvia, John R., relief, 16041
- Symposiums :
community mental health, individual adjustment or social planning, 16791
- geomorphology and economic geography, geographical society of China, 16455
- naval hydrodynamics, ship motions, and drag reduction, 16753
- passive gravity-gradient stabilization, 16620
- research—
agriculture, 15480
- methods and instrumentation, developments, 16810
- Synchronous satellites, *see* Satellites.
- Synthesis, radiation, halogen compounds, final report, 15529
- Systems, *see* names or types of systems, e.g. Signal systems:

T

- Tabulbah, Tunisia, ground water, occurrence, chemical quality and use in area, 16362
- Taiwan, mineral industry, minerals yearbook chapter, 16565
- Talent, urgent need in Government services, 16540
- Tanks :
liquid-filled, effect of projectile size and material on impact fracture of walls, 16688
- manure, circular concrete, 15453
- thin-wall cylindrical, longitudinally excited, transfer function analysis of fluid contents, 16692
- Tantalum, minerals yearbook chapter, 16556
- Tanzania :
foreign trade regulations, 15646
- treaties concluded between United States and United Kingdom, continued application, agreement, 16856
- Tape recorders, endless loop tape transports for satellite applications, design, etc., techniques, errata, 16650
- Tapscott, Robert J., flight study with large helicopter showing trends of lateral and longitudinal control response with size, 16672
- Tariff :
summaries of trade and tariff, information, 16875
- treatment of articles assembled abroad of products of U.S., report, 16130
- Tariff Commission :
appropriations, 1967—
hearings, 15955
- report, 15938
- Task Force on Federal Flood Control Policy, report, 15785
- Taubenfeld, Howard J., weather modification, law, etc., 16743
- Tax Court, appropriations 1967, law, 15699
- Tax exemptions, contributions to national and State political committees, amend Internal revenue code, hearings, 16182
- Taxation :
Bulgaria, under new system of planning and economic management, 16454
- double, convention with Netherlands, agreement, 16865
- Federal tax lien act, report, 15879
- Federal tax system and accounting concepts (remarks), 16876
- railroad retirement tax act, amend to change rates, hearing, 16196

Taxation—Continued

- see also* Employment taxes—Franchise tax—Income tax—Inheritance and transfer tax—Use tax.
- Taxes, *see* Taxation.
- Taylor, C. J., superior photoengraving process for semiconductor devices, 16607
- Taylor, John K., Microchemical Analysis Section, summary of activities, 16719
- Taylor, W. C., plasma effects in near-zone field of antenna, 16616
- Taylor, Walter W., relief, 15806
- Taylor instability, *see* Hydrodynamics.
- Teachers :
District of Columbia, salaries, increase, report, 16139
- English teaching forum, facts and ideas for teaching English as foreign language, 16892
- examination announcement, 15630
- Negroes displaced in southern schools, N.Y. program to reclaim, 16235
- Teaching, aids, duty free entry, report, 16130
- Technical bulletins, Army Department, 15514
- Technical cybernetics (USSR periodical) :
translations, 16466
- Technical information, improved management and determination of requirements for procurement, Army regs., 15504
- Technical journal of soils (Chinese periodical) :
translations, 16398, 16467
- Technical manuals, Army Department, 15515-521
- Technical memorandums, National Aeronautics and Space Administration, 16647
- Technical notes :
National Aeronautics and Space Administration, 16648-16707
- National Bureau of Standards, 16715-720
- Technical paper, Weather Bureau, 16901
- Technical reports :
Aerospace Medical Division, 15481
- Army Aviation Materiel Laboratories, 15522-523
- National Aeronautics and Space Administration, 16708-709
- Personnel Research Laboratory, 15487-488
- School of Aerospace Medicine, 15489-495
- Waterways Experiment Station, 16249-251
- Technical research reports, Army Personnel Research Office, 15524-525
- Technical study series, National Commission on Food Marketing, 16722-733
- Technical translations, National Aeronautics and Space Administration, 16710
- Technicians :
career opportunities, civilian, Air Force Dept., 15485
- National Guard, clarify status, hearings, 15962
- Technology :
and public policy (lecture), 15659
- Chinese Communist, evaluation of comprehensive study, 16460
- economic and social implications, current projects, 16741
- science, technology and future of society (address), 15658
- see also* subjects.
- Tectonosphere, *see* Earth.
- Telegraph, communications in railroad transportation, USSR study, 16400
- Telemetry :
binary data, biasing effect of random bit errors, 16652
- space, statistical data compression technique, 16680
- Television :
professional football telecasts, protect secondary school contests, report, 16156
- sets, current industrial reports, 15586
- Temperature :
control unit for sounding rocket applications, 16655

Temperature—Continued

- high, kiln drying of lumber, bibliography, 16336
- wide-range, monitoring, and compensating networks in scientific satellites, new design approach, 16681
- see also* Body temperature.
- Tengan, Matsusuke, relief, 15687
- Tennessee, congressional districts, 90th Congress, 15605
- Tennessee Valley Authority, revenue bonds issued, increase amount, law, 15720
- Tension, *see* Strains and stresses.
- Terminal instrument procedures, TERPs, U.S. standards, 16255
- Terrestrial impact structures, bibliography, 16356
- Territories, health authorities, 1966, directory, 16793
- Testimony, *see* Evidence.
- Testing, radiography, nondestructive testing series, 16213
- see also* names of substances or objects tested.
- Tests, *see* types, or names of tests.
- Texas:
 - congressional districts, 90th Congress, 15610
 - electric rate book, 16276
 - lignite beds, delineation by statistical techniques, 16578
- Textbooks, parochial school students and religious freedom, State laws, 16241
- Textiles:
 - broad-woven goods, blends and mixtures, 1965, current industrial reports, 15583
 - quality assurance information handbook, 16207
 - see also* names of textiles.
- Theater of operation, *see* Combat areas.
- Theodore, Augustus J., relief, 15816
- Theological roots for hospital ministry, 16895
- Thermal cycling, thin-film cadmium sulfide solar cells, 16657
- Thermal degradation processes in polysiloxanes and thermal stabilization by cerium inhibitor, 16759
- Thermal environment, *see* Environment.
- Thermal radiation, sounding of water surface layer from radiation of heat, 16411
- Thrustors, colloidal particle, experimental application of charged carbon powder, 16703
- TIAS series, 16856-868
- Ti-chih lun-p'ing (periodical):
 - translation, 16494
- Tides, current tables, 1967, Pacific Coast of North America and Asia, 15638
- Tijuana River, flood control project, joint construction agreement with Mexico, authorize, report, 15898
- Ti-li hsueh-pao (periodical):
 - translations, 16402
- Tillman, Tom W.:
 - monaural versus binaural discrimination for filtered CNC materials, impaired auditory mechanism, 15491
 - speech discrimination utilizing CNC monosyllabic words, etc., 15489
- Timber, cutting practices, need for effective controls in Pacific Northwest Region, Forest Service, GAO report, 16345
- Time dependent deflection of floating ice sheet, 15510
- Time deposits:
 - high reserve requirements—law, 15764
 - report, 16131
- Time signals, transistorized digital clock with serial binary-coded readout, 16765
- Tippens, Paul E., determination of temperature and material effects on high-velocity impact craters in ablative heat-shield materials, 16689

- Tire hydroplaning, *see* Hydroplaning.
- Tires, excise tax, impose at manufacturer-owned retail outlet, hearing 16184
- TIROS (television infrared observation satellite), *see* Satellites.
- Tissues, viable human, processing and storage, 16808
- Titanium:
 - alloys, honeycomb structures, USSR study, 16424
 - crystalline, by sodium reduction of titanium lower chlorides dissolved in sodium chloride, 16572
- Todd, James A., jr., relief, 16035
- Togo, amity and economic relations, treaty, report, 16001
- Tool kits, special design for heavily garmented workers, 16626
- Tools:
 - alignment, facilitates pin placement on irregular horizontal surfaces, 16633
- Topakas, Emanuel G., relief, 16030
- Toroids, superconducting, magnetic torque, 16771
- Torque, magnetic, of ideal superconducting toroids, 16771
- Tort claims, *see* Claims.
- Tourism, international, air transportation and economic development, important facet of commerce (remarks), 15612
- Toya, Theodora, *see* Bezates, Theodora.
- Trace elements, experimental and clinical medicine, USSR studies, 16396
- Tracking:
 - Apollo infrared acquisition and tracking system, 16649
 - see also* Radar tracking.
- Tracking stations, agreement with Malagasy Republic, 16857
- Trade, *see* Commerce.
- Trade Negotiations, Office of Special Representative, *see* Special Representative for Trade Negotiations.
- Trade union, *see* Labor unions.
- Trading with the enemy, act, amend, reports, 15921, 16154
- Traffic control, interlocking systems, installation, maintenance, and repair, rules, standards, and instructions, 16385
- Traffic safety, *see* Safety of life.
- Traffic signals, *see* Signal systems.
- Train control devices, installation, maintenance, and repair, rules, standards, and instructions, 16385
- Traineeships, grants for advanced training of allied health professions personnel, report, 15841
- Trainers (devices):
 - gas hazards trainer, maritime safety data, 16520
- Training:
 - manpower development and training act of 1962, guidelines for research grants, 16513
 - manpower development and training act amendments of 1966, report, 15906
 - mentally retarded, design of facilities, 16800
 - program, Bulgarian, improving for computer equipment, 16507
 - see also* Education—Employee training—also subjects.
- Training of employees, *see* Employee training.
- Trains, *see* Railroads.
- Trajectories, finite-thrust escape from and capture into circular and elliptic orbits, 16675
- Tranquilizing drugs, influence of tranquilizer on temperature regulation in man, problems in aviation personnel, 15556
- Transfer function analysis of fluid contained in longitudinally excited thin-wall cylindrical tank, 16692

INDEX

- Transistors:
 digital clock with serial binary-coded readout, 16765
 metal oxide silicon, protected from damage by wire device, 16639
- Translating machines, English machine-grammer, constructing, USSR study, 16448
- Translations, technical National Aeronautics and Space Administration, 16710
- Transmission lines, *see* Electric lines.
- Transport aircraft, *see* Aircraft.
- Transportation:
 equipment, census of manufactures, 1963, manufacturing plants, locations, 15574
 household goods of Federal employees assigned to isolated duty stations, reimburse, law, 15706
 Missouri-Kansas compact on public transit for Kansas City area, approval, law, 15766
 parochial school students and religious freedom, State laws, 16241
 railroad, telegraph communications, USSR study, 16400
 services at continental U.S. installations, Army technical manual, 15521
 urban mass transportation amendments of 1966, law, 15740
- Transportation Corps, Army, transportation services at continental U.S. (CONUS) installations, technical manual, 15521
- Transportation Department:
 creation (remarks), 15654
 establish, report, 16158
- Travel:
 authorizations, Public Works Committee, House, reports, 15904-905
 health information, Asia, etc., Australia and New Zealand, 16795
 triangle, travel agents, airlines and Civil Aeronautics Board (remarks), 15616
see also Air carriers.
- Treasury certificates of indebtedness, 5¼ percent, series A-1967, 16880
- Treasury Department:
 appropriation, 1967, law, 15699
 department circulars, 16877-881
 public debt series, 16880-881
 sale of U.S. obligations directly to Federal reserve banks, extend authority, reports, 15840, 15845
- Treasury notes, 5¼ percent, series A, 16881
- Treaties, treaties and other international agreements admissibility in evidence, report, 16082
see also names of countries.
- Treaties and other international acts series, 16856-868
- Tree planting, hardwoods in saturated soils, survival and 1st-year growth, 16335
- Trees, evaluating growth performance of young stands, 16324
see also Hardwoods—*also* names of trees.
- Tress, Jack E., preparation of submicron tungsten powder by hydrogen reduction of tungsten hexachloride, 16580
- Trinity College of Washington, D.C., charter, amend, reports, 15790, 16045
- Troops, *see* Armed Forces.
- Trophies, Armed Forces, award, authorize, law, 15712
- Tropics, hardwoods, solar drying, 16338
- Troposphere, TIROS IV radiation data, tropospheric water vapor content and surface temperatures, 16606
- Trust Territory of Pacific Islands, continue civil government, increase appropriations, report, 16112
- Trusts (industrial):
 antitrust laws—
 administration, investigation, subcommittee activities, report, 16100
 football merger, authorize, report, 16156
- Truth-in-packaging act, *see* Packaging.
- Tsifutis, Argvrios A., relief, 15685
- Tsunami (tidal wave):
 longitudinal seismic waves, dependence of absorption coefficient on frequency, USSR study, 16444
- Tualatin project, construction, law, 15763
- Tubes, circular, prediction of inversion load, 16685
see also Inner tubes.
- T'u-jang Chuan-pao (periodical):
 translations, 16398, 16467
- Tunas, Atlantic, International Convention for Conservation, *see* International Convention for Conservation of Atlantic Tunas.
- Tungsten:
 alloys, dilute rhenium, mechanical properties, 16654
 low-density powder billets, high-energy-rate extrusion, 16574
 submicron powder, preparation by hydrogen reduction of tungsten hexachloride, 16580
- Turbulence:
 atmospheric research, USSR study, 16462
 doppler radar measurements in precipitation, 16412
- Turbulent flow, *see* Flow.
- Turkey, cotton, production, etc., 16319
- Turner, J. F., Jr., evaporation study in humid region, Lake Michie, N.C., 16359
- TVA, *see* Tennessee Valley Authority.
- Two-body problem, cartesian coordinates and partial derivatives, computation, 16589
- Tykociński, Wladyslaw, testimony, hearing, 15995

U

- U.S.D.A., *see* Agriculture Department.
- U.S.S.R., *see* Union of Soviet Socialist Republics.
- Uganda, foreign trade regulations, 15646
- Ukrainian Soviet Socialist Republic, Scientific Research Institute of Special Steels, Alloys and Ferroalloys, poor research management, 16405
- Umatilla, Oreg., relief, report, 15889
- Un-American activities, assistance to enemies of U.S. in undeclared war, make punishable, hearings, 15994
- Un-American Activities Committee, House:
 annual report, 15895
 hearings, 15994-995
- Unemployed:
 EDA programs to solve unemployment (address), 15639
 Federal Government actions to assure equality of opportunity, training, and employment for all (address), 16511
 manpower development and training act, amendments of 1966, report, 15906
- Unemployment, *see* Unemployed.
- Unemployment insurance:
 program, extend benefits, etc.—
 amendments recommended by Labor Department, 16181
 report, 15842
- UNICEF Day, *see* National UNICEF Day.
- Uniformed services, *see* Armed Forces.
- Uniforms, postal employees, savings available if items are furnished in lieu of allowances, GAO report, 16350
- Union of Soviet Socialist Republics:
 Academy of Sciences, general meeting, 16447
 aluminum alloy research, 16461
 automated production control systems, developments, 16399
 biological science news, 16451
 electron beam technology, 16440
 all-Union conferences and congresses—
 oncologists, 16417
 physiotherapists and health-resort scientists, in Baku, 16459
- All-Union Scientific-Research Institute of Railway Hygiene, report on laboratories, 16391

Union of Soviet Socialist Republics—Con.
athelms, promoting among children, 16392
educational and scientific organizations,
activities, 16414
hematogenic service, present and future
development, 16443
higher mental functions in Soviet psy-
chology, theory of development, 16479
instrument building and control systems
progress, 16393
Krivoy Rog Mining Institute, disagree-
ment among scientists, 16395
labor developments, 16528
materials engineering, conferences, 16428
Mine Surveying Institute, facilities and
equipment developed, 16485
oceanographic studies, Russian-Cuban,
16489
oceanological research laws, 16430
present-day Catholic social doctrine vis-
a-vis working class, 16509
programmed instruction, conference, 16504
research, advanced, new academic city in
Siberia is focus, 16458
research, 1956-66, in Antarctica, 16445
scientists, activities, 16432
student science societies, role, 16394
university laboratories, better utilization,
16420
Unions, *see* Labor unions.
United Arab Republic (Egypt):
agrarian reforms and agricultural develop-
ment, Soviet review, 16416
United Federation of Postal Clerks, AFL-
CIO, agreement with Post Office Depart-
ment, 16779
United Kingdom of Great Britain and North-
ern Ireland, *see* Great Britain.
United States:
NOTE.—For all subjects pertain-
ing to the United States, except its
government, general history, and
description, *see* such subjects.
statistical abstracts, 1966—
departmental edition, 15597
document edition, 15781
United States Code, *see* Codes of law.
United States Information Agency:
appropriations, 1967—
hearings, 15955
report, 15938
report, semiannual, 16893
United States Navy, keeping the peace, 16749
Universities, *see* Colleges and universities.
University of Alaska:
repeal certain provisions of act of Jan. 21,
1929—
law, 15758
report, 15869
Unloading and lading, hard winter wheat
area, unloading boxcars of grain at
terminal elevators, 15434
Unloading, *see* Unloading and lading.
Unshackling local government, report, 15843
Unused manpower, Nation's loss, 16514
Upper mantle, *see* Earth.
Uranium, minerals yearbook chapter, 16587
Urban areas, *see* Cities and towns.
Urban renewal, *see* Redevelopment (city
planning, etc.).
Urrows, Grace M., nuclear energy for de-
salting, 15548
USAFI, *see* Armed Force Institute.
USAPRO, *see* Army Personnel Research
Office.
USDA, *see* Agriculture Department.
Use tax, airways user charges, proposed
legislation, hearings, 15996
USSR, *see* Union of Soviet Socialist Re-
publics.
Utah:
congressional districts, 90th Congress,
15598
convey relicted lands of Great Salt Lake,
amend act—
law, 15724
report, 16068

V

VA, *see* Veterans Administration.
Vacuum:
dielectrometer design permits measure-
ments in vacuum under irradiation,
16624
electrovacuum materials, assortment and
use, USSR study, 16476
vacuum technology and space simulation,
16619
Valdes Cruz, Oscar, relief, 15671
Valdes-Rodriguez, Julio, relief, 16059
Valera, Jaime E. C., relief, 15681
Valves:
electronic bidirectional valve circuit pre-
vents cross-over distortion and thresh-
old effect, 16640
rotary, controls multiple hydraulic leveling
cylinders, 16625
shutoff, standard, matching flow character-
istics eliminates need for custom
fabricated valves, 16638
Vapor, *see* Water vapor.
Vapors, high velocity, stability of intermix-
ing with its subcooled liquid in cocurrent
streams, 16656
Varnish, current industrial reports, 15587
Vega Dam and Reservoir:
lands acquired, reconvey mineral interests
to former owners—
law, 15752
report, 16120
Vegetables:
growing in Appalachian region, 15445
import competition, 16727
industry, organization and competition,
16727-728
processes, plants under USDA continuous
inspection, list, 16202
Vegetation, initial development following
prescribed burning of Douglas-fir in south-
central Idaho, 16337
Vehicles, *see* Motor vehicles.
Velocity:
profiles, downstream of nozzle exhausting
to quiescent air, 16673
spray, resulting from high-velocity pene-
tration of thin plates by disks, 16682
Ventilation, temporary, portable, shipboard,
for control of flammable atmosphere,
maritime safety data, 16524
Venue:
civil action amendment, report, 15885
habeas corpus applications, amend U.S.
Code
law, 15760
report, 15886
Vessels, *see* Shipbuilding—Shipping—Ships.
Vesting orders, German paintings, under
trading with the enemy act, transfer to
Germany, reports, 15921, 16154
Veterans:
children of deceased or disabled Philippine
veterans, extend educational assist-
ance benefits—
hearing, 16195
reports, 15867, 15878, 16134
legislation reported, summary, 89th Con-
gress, print additional copies, report,
16098
loans, direct and insured cases, extend
treble-damage actions to, report, 16142
Philippine, hospitalization and medical
care program, extend—
hearing, 16195
reports, 15866, 15877, 16133
publications, price list, 16789
Vietnam era readjustment assistance act,
hearing, 16185
see also Life insurance—Pensions.
Veterans Administration:
brokers' fees for VA property management,
report, 16143
chaplain workshops 1966 (papers), 16893

INDEX

- Veterans Administration—Continued
 Medicine and Surgery Department, opportunities for physicians, 16894
 research into spinal cord injuries, report, 16140
 V.A. pamphlets, 16894-895
 Veterans' Affairs Committee, House, reports, 15866-867, 15900-902
 Veterans hospitals:
 Louis A. Johnson Memorial, designate, report, 16141
 Philippine, hospitalization and medical care of veterans, extend program—
 hearing, 16195
 reports, 15866, 15877, 16133
 theological roots for hospital ministry (papers), 16895
 Veterinary instruments and apparatus, NIH standard animal care equipment, 16805
 Veterinary medicine, education facilities, construction grants and student loan program, report, 15943
 Vibration:
 Helmholtz wave equation, nonseparable solutions examined for applications, 15523
 spherical shell segments, Green's function approach, 16611
 Video signal processing system uses gated current mode switches to perform high speed multiplication and digital-to-analog conversion, 16643
 Vietnam:
 Republic, foreign assistance, supplemental, 1966, hearings, print additional copies, report, 15882
 U.S. economic and military assistance programs, investigation, report, 15950
 undeclared war, assistance to enemies of U.S., make punishable, hearings, 15994
 Vietnam era veterans readjustment assistance act, hearing, 16185
 Vietnamese language, Vietnamese-English dictionary, 16425
 Virgin Islands:
 Governor, popular election, provide, amend organic act, hearings, 15975
 reapportionment of legislature, amend organic act—
 hearings, 15975
 law, 15729
 selected services area statistics, 1963
 census of business, 15566
 Virginia:
 congressional districts, 90th Congress, 15604
 landings, fish and shellfish, annual summary, 16295
 transit compact, approval—
 hearings, 15983
 message from the President, 15783
 reports, 15891, 16107
 Viscosity, eddy, distributions downstream of nozzle exhaust to quiescent air, 16673
 Vision, *see* Eyes—Sight.
 VISTA, *see* Volunteers in Service to America.
 Visual acuity, *see* Acuity.
 Vital statistics, data from National Vital Statistics System, 16811-812
 Vocational Rehabilitation Administration, report, 16896
 Voice, color of the voice, USSR study, 16497
 Volunteers in Service to America:
 amendments to economic opportunity act, report, 16162
 VISTA volunteer (periodical), 16222
 V/STOL (vertical or short takeoff and landing), *see* Aircraft.
- W
- W. P. Franklin Lock and Control Structure, designate, report, 16149
 Wage and Hour and Public Contracts Divisions, interpretative bulletin, 16899
 Wage chronology, *see* Wages.
 Wager, Kermit, relief, 15690, 15810
 Wages:
 area surveys—
 Houston, Tex., 16533
 Midland and Odessa, Tex., 16532
 Paterson, Clifton, Passaic, N.J., 16530
 Portland, Oreg., 16529
 San Antonio, Tex., 16531
 chronology, anthracite mining industry, 1930-66, 16535
 employee earnings and hours, small metropolitan areas of South, 16539
 fair labor standards act—
 handy reference guide, 16897
 overtime compensation, 16899
 industry survey, candy and other confectionery products, 16537
 minimum, raise and extend fair labor standards act coverage—
 law, 15768
 reports, 15899, 16104
 occupational earnings and wage trends in metropolitan areas, 16541
 women, equal pay, what principle means, questions and answers, 16913
 Wagner, C. A., earth's longitude gravity field as sensed by drift of 3 synchronous satellites, 16658
 War, assistance to enemies of U.S. in Vietnam, in time of undeclared war in Vietnam, make punishable, hearings, 15994
 Washington Metropolitan Area Transit Authority:
 compact, approval—
 hearings, 15983
 message from the President, 15783
 reports, 15891, 16107
 Wasko, Robert A., wind-tunnel investigation of thermal and pressure environments in base of Saturn S-1C booster from Mach 0.1 to 3.5, 16678
 Water:
 acid mine, application of saline water conversion processes, 16374
 bulk, surface-chemical displacement from solid surfaces, 16756
 conservation, needs broaden after 30 years, 15468
 ground, Tabulbah area, Tunisia, occurrence, chemical quality and use, 16362
 information resources in U.S., directory, 16544
 masses, general circulation, USSR study, 16439
 mechanism of Boule flotation, 16375
 modular porous plate sublimator requires only water supply for coolant, 16632
 Nevada, fall summary, 16834
 resource development proposals, Interior Dept. to investigate feasibility, law, 15739
 resources—
 lower Colorado River, Salton Sea area (series), 16360
 publication, 16817
 runoff in playas, management, etc., 15435
 saline conversion—
 conceptual design of 150 million gallon per day LTV desalting plant, 16370
 nuclear energy for desalting, 15548
 processes, application to acid mine waters, 16374
 report, 1965, 16371
 saline water research and development progress reports, 16372-378
 supply, Chesapeake Bay-Susquehanna River basins project, 16291
 surface layer, thermal radiation sounding from radiation of heat, 16411
 surface water quality, 1963, United States, 16364
 water supply papers, 16362-364
 see also Sea water.

- Water pollution:
Chesapeake Bay-Susquehanna River basins project for water supply and water quality management, 16291
clean rivers restoration act of 1966, pollution control and abatement in selected river basins, program, reports, 15909, 15925
control act, amend, reports, 15909, 15925
control, Great Lakes, Ontario and Erie, hearing, 15974
seas, by oil, international convention for prevention, amendments, implementing, law, 15730
separating storm and sanitary sewers in urban renewal, report, 15847
- Water supply, *see* Water.
- Water systems, sewage and water works construction, contract awards, 16292
- Water vapor:
atmospheric, use in measurements of brightness of earth, USSR study, 16408
electrolysis unit, design and development, 16613
TIROS IV radiation data, tropospheric water vapor content and surface temperatures, 16606
- Waterflooding, *see* Petroleum.
- Waterways Experiment Station, technical reports, 16249-251
- Watts, Gwendolyn M., apparent consumption of industrial explosives and blasting agents in United States, 16552
- Wave forms, load-impedance and waveform effects of linear class B audio amplifier output-power capability, analysis, 16758
- Wave functions:
Helmholtz equation, nonseparable solutions examined for applications, 15523
single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
- Waveforms, *see* Wave forms.
- Waves, wind-wave angular spectrum, USSR study, 16413
- Ways and Means Committee, House:
hearings, 15996-997
reports, 15879, 15932, 15936
- Weapons:
German, obsolete, donate to Federal Republic of Germany, law, 15716
nuclear, security covers, procurement and utilization, Atomic Energy Commission and Defense Dept., GAO review, 16349
rigging M28 and M29 systems, Army technical manual, 15518
- Weather Bureau, technical paper, 16901
- Weather control:
law, controls, operations, survey of answers to questionnaire, 16743
weather and climate modification, report, 16742
- Weather stations:
cooperative program on Guadeloupe Island, agreement with France, 16867
index, 16748
- Weaver, George L-P:
addresses—
Sept. 6, 1966, 16511
Oct. 14, 1966, 16512
- Weeds, reducing growth around newly planted Honduras pine, effect of plastic mulch, 16327
- Weeks, *see* names of special weeks.
- Weight control, *see* Obesity.
- Welding, laser beam, heating of bilayer sheet, USSR study, 16463
- Welfare, *see* Social work and problems.
- Welfare Administration:
contribution to international cooperation for social development—
French edition, 16903
Spanish edition, 16902
- Welfare funds, welfare and pension plans disclosure act, amend with respect to filing of copies and making affidavits, report, 15896
- Wen Shi Yu, *see* Yu, Wen Shi.
- West, J. M.:
mineral industry of—
Mongolia, 16563
South Korea, 16564
- West Germany, *see* Germany.
- West Virginia, census of manufactures, 1963, area statistics, 15573
- Westendorf, William H., stability of intermixing of high-velocity vapor with its subcooled liquid in cocurrent streams, 16656
- Western Europe, *see* Europe.
- Wheat:
international agreement, extend, protocol, 16868
winter, hard, unloading boxcars of grain at terminal elevators, 15434
- Wheatstone bridge, *see* Electric bridges.
- Whelan, Roland, relief, 16042
- White, Nora D., relief, 16012
- White Deer Baptist Church, land conveyance, 15697, 16063
- Whiting, Wilhelmina F.:
metal mining services and miscellaneous ores, census of industries, 1963, industry statistics, 15575
nonmetallic minerals (except fuels), services and miscellaneous nonmetallic minerals, 15576
- Whitman, Robert A., iron and steel scrap, 16561
- Whittaker, Colin W., liming soils, aid to better farming, 15442
- Whitton, Rex M., highways, changing concept (address), 16814
- Wholesale trade:
bibliography, 16820
census of business, 1963, area statistics, bound volume, 15565
- Wild fowl, *see* Game and game birds.
- Wildlife:
conservation, estuarine areas, preserve, etc., report, 15939
publications, price list, 16785
special scientific reports, wildlife series, 16314
wildlife leaflets, 16315-316
see also Game and game birds.
- Wildlife refuges, refuge leaflets, 16300-310
see also names of refuges.
- Willett, R. P., sporting goods, 16821
- Willis, Doreen D., relief, 16003
- Willis, Edward A., jr., finite-thrust escape from and capture into circular and elliptic orbits, 16675
- Wilson, Setsuko, relief, 16049
- Wind waves, *see* Waves.
- Windowsill greenhouse, 15476
- Winds, effects upon standing workers servicing Saturn, 16671
- Wings (aircraft):
and wing-body combinations, aerodynamic-center considerations, 16662
delta wings, swept, 60° and 70°, having turbulent boundary layers, heat-transfer and pressure distributions, 16697
leading-edge shape effect on aerodynamic characteristics of 67° swept wing-body model, 16691
low-aspect-ratio—
delta-winged model equipped with sharp-edged strakes, and wind tunnel tests, 16684
ground effects related to aircraft landing, 16663
- Winter wheat, *see* Wheat.
- Wire, device protects MOS transistors from damage, 16639
see also Electric wire and wiring.
- Wisconsin:
grants for Menominee County, etc., authorize report, 15894

INDEX

Wisconsin—Continued

landings, fish, annual summary, 16294
 Wisdom, Donald F., popular names of U.S.
 Government reports, catalog, 16546

Women:

educational attainment, trends, fact sheet,
 16909
 equal pay, what principle means, ques-
 tions and answers, 16913
 labor standard improvement and greater
 employment opportunity (remarks),
 16911
 nonwhite, educational attainment, fact
 sheet, 16908
 officers in Armed Forces, remove promo-
 tion restrictions, etc., amend U.S. Code,
 report, 15949
 shortage or surplus? assessment of Boston
 woman power in industry, Government,
 and research, conference report, 16912
 workers, 1960, Minnesota, 16914

Wood, wood-plastic composites, engineering
 and evaluation study for manufacturing,
 15534

Wood Hills, Nev.:

discussion of high concentrations of zinc,
 lead, and mercury in Guilmette Forma-
 tion and Simonson Dolomite of Devonian
 age, 16355
 geochemical reconnaissance, 16355

Woods, R. W., thermal integration of electric
 power and life support systems for man-
 ned space stations, 16590

Wool and related data, statistics 1920-64,
 1965 supplement, 15478

Work injuries, *see* Injuries.

Workers, *see* Labor—Women.

Worms, *see* names of worms.

Wotruba, Thomas R., automatic merchandis-
 ing, 16822

Woven goods, *see* Textiles.

Wright Nuclear Structure Laboratory, dedi-
 cation (remarks), 15541

Wunderlich, Gooloo S., episodes and dura-
 tion of hospitalization in last year of life,
 16812

Wyoming:

county business patterns, 15580
 soil survey laboratory data and descrip-
 tions, 16841
 Upper Niobrara River compact, approving,
 report, 16092

Y

Yale University, nuclear progress at Yale
 (remarks), 15541

Young, Joseph W., selected facial measure-
 ments of children for oxygen-mask design,
 15555

Young, Laurence R., visual and control as-
 pects of saccadic eye movements, 16594

Young, William E., manganese occurrences in
 Eureka-Animas Forks area of San Juan
 Mountains, San Juan County, Colo., 16558
 Young people, *see* Yonth.

Youth:

AFDC, public welfare projects focus on
 education, 16253

challenge to supervisors, making young
 workers safe workers, 16519

juvenile delinquency and youth offenses
 control act training grants awarded,
 Sept. 1964-Sept. 1965, summaries,
 16906

Neighborhood Youth Corps, rural commu-
 nity action program, 16220

resident worker, examination announce-
 ment, 15634

rural, opportunity centers, jobs, employ-
 ment, etc., 16221

Youth opportunity centers, directory, 16245

Yu, Wen Shi, relief, 16051

Yung, Kim Kap, relief, 15793

Yung Mi Kim, *see* Kim, Yung Mi.

Z

Zinc:

high concentrations in Guilmette Forma-
 tion and Simonson Dolomite of Devon-
 ian age in Pequoop Mountains and Wood
 Hills, Nev., 16355

ores, census of mineral industries, 1963,
 industry statistics, 15575

Zinn, Charles J., constitution of U.S., index,
 etc., 15786

Zirconium carbide, liquid, containment on
 graphite between 3500° and 4700° K,
 16614

Zoogeography, marine, late Pleistocene, in
 central California, 16361

Zuzik, Michael B., labor laws and practice in
 Kingdom of Libya, 16527

Zych, Zofia, relief, 16053



To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

For Use of Supt. of Docs.

----- Enclosed -----

To be mailed
later

----- Subscriptions -----

Refund.....

Coupon refund

Postage _____

additional space use other side. Total, \$ _____

PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

RETURN AFTER FIVE DAYS

City, State, and ZIP Code _____

Additional space for your order

[illegible]

Do not write in space below

Total, \$-



UNITED STATES
GOVERNMENT PRINTING OFFICE

DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

5,73
35

Ref

MONTHLY CATALOG

UNITED STATES
GOVERNMENT PUBLICATIONS
DECEMBER 1966

Entries 16915-18146
and Annual Index

THE LIBRARY OF THE
FEB 9 1967
UNIVERSITY OF ILLINOIS

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151

† Distribution made by Issuing Office. Not definitely available if unaccompanied by a price

‡ Printed for Official Use
(not available for distribution)

● Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

4°-----	6-12 inches high and width more than $\frac{3}{4}$ of height
large 4°-----	over 12 inches high and width more than $\frac{3}{4}$ of height
small 4°-----	under 6 inches high and width more than $\frac{3}{4}$ of height
8°-----	8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°-----	10-12 inches in height
12°-----	7-8 inches in height
16°-----	6-7 inches in height
24°-----	5-6 inches in height
32°-----	4-5 inches in height
48°-----	up to 4 inches high
f°-----	above 12 inches in height
narrow-----	width less than $\frac{3}{5}$ of height
oblong-----	width more than height

MONTHLY CATALOG

OF UNITED STATES
GOVERNMENT PUBLICATIONS



DECEMBER 1966

Number 863

Entries 16915-18146
and Annual Index January-December 1966

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1966

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 50 CENTS PER COPY
EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE \$4.50 PER YEAR (INCLUDING INDEX)
\$1.50 ADDITIONAL FOR FOREIGN MAILING
THIS ISSUE \$2.

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- Aerial-photo interpretation in classifying and mapping soils.** (Agriculture Department, Agriculture handbook 294.) 75c. ● A 1.76: 294
- Air Almanac 1967, May-August.** (Naval Observatory.) \$3.25. ● D 213.7: 967/2
- Aspects of sales promotion, stand up and holler.** (Small Business Administration, Administrative management course program, topic 7.) \$1.25. ● SBA 1.24: 7
- Assembling equipment in the packaged disaster hospital.** (Public Health Service, Publication 1071, Health mobilization series F-14.) \$1.00. ● FS 2.302: F-14
- Astronomical phenomena for the year 1969.** (Naval Observatory.) 35c. ● D 213.8/3: 969
- Atlantic continental shelf and slope of the United States, geologic background.** (Geological Survey, Professional paper 529-A.) 30c. ● I 19.16: 529-A
- Breeds of swine.** (Agriculture Department, Farmers' bulletin 1263, revised.) 10c. ● A 1.9: 1263/12
- Bureau of Labor Statistics, statistics and studies, handbook of methods.** (Labor Statistics Bureau, Bulletin 1458.) \$1.50 ● L 2.3: 1458
- Cancer of the skin.** (Public Health Service, Publication 378, Health information series 75, revised.) \$3.25 per 100, single copy 5c. ● FS 2.50: 75/4
- Chaco Canyon National Monument, New Mexico.** [Revised 1966.] (National Park Service.) 10c. ● I 29.21: C 34/966
- Charles M. Russell National Wildlife Range, Montana.** (Fish and Wildlife Service, Refuge leaflet 530.) 5c. ● I 49.44: 530
- Children's literature, guide to reference sources.** (Library of Congress.) \$2.50. ● LC 2.8: C 43
- Civil Aeronautics Board reports, vol. 38.** (Civil Aeronautics Board.) \$4.75. ● C 31.211: 38
- Comparison of financial operation results of affiliated food warehouses.** (Agriculture Department, Miscellaneous publication 1031.) 15c. ● A 1.38: 1031
- Do you know your economic ABC's, U.S. economic growth.** (Commerce Department.) 25c. ● C 1.2: Ec 7/4
- Dry cleaning business.** (Small Business Administration, Starting and managing series, v. 12.) 15c. ● SBA 1.15: 12
- Early cultures and human ecology in south coastal Ecuador.** (National Museum, Contributions to anthropology series, vol. 3.) \$3.50. ● SI 3.11: 3
- Economic development in Alaska, report to the President.** (Commerce Department.) 35c. ● C 1.2: A1 1/2
- Encouraging American handicrafts, what role in economic development.** (Economic Development Administration.) 35c. ● C 46.2: H 19
- Energy research and development and national progress, findings and conclusions.** (Office of Science and Technology.) 15c. ● PrEx 8.2: En 2/966
- Forests forever.** (Forest Service, FS-21.) 10c. ● A 13.2: F 76/70
- Glen Canyon National Recreation Area, Arizona.** [Revised 1966.] (National Park Service.) 15c. ● I 29.39: G 48/966
- Ground instructor examination guide, basic-advanced.** (Flight Standards Service, Advisory circular 143-1A.) 70c. ● FAA 5.8/2: G 91/4/966

- How foreign policy is made. [Revised edition.] (State Department, General foreign policy series 195.) 30c. ● S 1.71: 195/2
- Know your money. [Revised 1966.] (Secret Service.) 25c. ● T 34.2: M 74/966
- Mushroom growing in United States. (Agriculture Department, Farmers' bulletin 1875, revised.) 10c. ● A 1.9: 1875/5
- Natural resources of Wyoming. (Interior Department.) 65c. ● I 1.91: W 99
- Public information photographic manual. (Naval Air Systems Command, NAVAIR 10-1-783.) \$1.75. ● D 202.6/7: P 96
- Research explores pyorrhea and other gum diseases. (Public Health Service, Publication 1482, Health information series 133.) 20c. ● FS 2.50: 133
- Rules for deducting travel, entertainment, and gift expenses. (Internal Revenue Service, Publication 463, revised.) 10c. ● T 22.19: T 69/2/966
- Saline water conversion engineering data book, supplement 1. (Interior Department.) \$1.25. ● I 1.77/2: Sa 3/supp. 1
- State law compulsory attendance. (Education Office, OE-23044, Circular no. 793.) 55c. ● FS 5.223: 23044
- Strawberry culture, south Atlantic and Gulf Coast regions. (Agriculture Department, Farmers' bulletin 1026, slightly revised.) 15c. ● A 1.9: 1026/11
- Students, start your career in Soil Conservation Service before you graduate. (Agriculture Department, Miscellaneous publication 714, revised.) 5c. ● A 1.38: 714/4
- Tax guide for small business. [1967 edition.] (Internal Revenue Service, Publication 334.) 50c. ● T 22.19/2: Sm 1/967
- Treasury decisions under customs and other laws, v. 100, Jan.-Dec. 1965. (Treasury Department.) \$3.75. ● T 1.11: 100
- Tumors of endocrine glands and secondary sex organs. (Public Health Service, Publication 1332.) \$3.00. ● FS 2.22: T 83
- Twin creek limestone (Jurassic) in western interior of United States. (Geological Survey, Professional paper 540.) \$1.25. ● I 19.16: 540

Contents

	Page
Previews -----	III
Abbreviations, Explanation-----	VI
General Information-----	VII
How To Order Publications-----	VIII
New Classification Numbers Assigned	
January-December 1966-----	IX
Discontinued Series-----	XIX
Corrections for Previous Monthly	
Catalogs-----	XX
Classified List of Government Authors.	XXI
Monthly Catalog-----	1
Index January-December 1966-----	75

Abbreviations

add-----	addition, addendum, addenda.	n. d.-----	no date.
amdt., amdts-----	amendment, amendments.	n. p.-----	no place.
app-----	appendix, appendixes.	no., nos-----	number, numbers.
bk., bks-----	book, books.	p-----	page, pages.
chap-----	chapter, chapters.	p. of pl-----	pages of plates.
Cong-----	Congress.	par., pars-----	paragraph, paragraphs.
Dept-----	Department.	pl-----	plate, plates.
doc-----	document.	por-----	portrait, portraits.
facsim-----	facsimile, facsimiles.	pt., pts-----	part, parts.
fy-----	fiscal year.	rp-----	report.
G.H.A-----	Greenwich hour angle.	S-----	Senate, Senate bill.
H-----	House.	S. Con. Res-----	Senate concurrent resolution.
H. Con. Res-----	House concurrent resolution.	S. doc-----	Senate document.
H. doc-----	House document.	S. ex. doc-----	Senate executive document.
H. ex. doc-----	House executive document.	S. ex. rp-----	Senate executive report.
H. J. Res-----	House joint resolution.	S. J. Res-----	Senate joint resolution.
H.R-----	House of Representatives, House bill.	S. Res-----	Senate resolution.
H. Res-----	House resolution.	S. rp-----	Senate report.
H. rp-----	House report.	sec-----	section, sections.
il-----	illustration, illustrations.	sess-----	session, sessions.
in-----	inch, inches.	Stat. L-----	Statutes at large.
lat-----	latitude.	supp-----	supplement.
long-----	longitude.	tab-----	table, tables.
m-----	mile.	Treas-----	Treasury.
		v-----	volume, volumes.
		vs., v-----	versus.

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information, are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

Assigned January—December 1966

NOTE.—New classes appearing for the first time in this issue of the Monthly Catalog are listed in bold face type.

A 1.103: date.....	Agriculture Department. Report and recommendations of the Farm Resources and Facilities Research Advisory Committee.
A 13.49/4: nos.....	Forest Service. ED&T reports.
A 13.66/15: CT.....	Pacific Northwest Forest and Range Experiment Station: Bibliographies and lists of publications.
A 13.81: Reserved	
A 13.82/1: date.....	North Central Forest Experiment Station: Annual report.
A 13.82/2: CT.....	—: General publications.
A 13.82/3: to A 13.82/8: Reserved	
A 13.82/9: date.....	—: List of publications.
A 43.33/2: nos.....	Federal Extension Service. New crop varieties.
A 43.38: date.....	Statistical summary, rural areas development and areas redevelopment, quarterly progress report.
A 57.8/2: CT.....	Soil Conservation Service. America the beautiful (posters).
A 57.47: -51: Reserved	
A 57.52: nos.....	Soil survey investigations reports.
A 77.226/3: nos.....	Agricultural Research Service. Veterinary Biologics Division notices.
A 77.237/2: date.....	National tick surveillance program, calendar year.
	NOTE.—Formerly entitled National tick survey and classified A 77.202: T 43/2.
A 82.3/7: date.....	Agricultural Stabilization and Conservation Service. Export corn meal price bulletin.
	NOTE.—Statistics formerly included in Export corn meal bulletin, A 82.3/3:(date).
A 82.3/8: date.....	Export corn meal port bulletin.
	NOTE.—Statistics formerly included in Export corn meal bulletin, A 82.3/3:(date).
A 82.3/9: date.....	Export wheat flour price bulletin.
	NOTE.—Statistics formerly included in Export wheat flour bulletin, A 82.3/5:(date).
A 82.3/10: date.....	Export wheat flour port bulletin.
	NOTE.—Statistics formerly included in Export wheat flour bulletin, A 82.3/5:(date).
A 82.82: nos.....	ASCS background information BI (series).
A 84.6/2: CT.....	Farmers Home Administration. Handbooks, manuals, guides.

- Consumer and Marketing Service.
- A 88.14/12: date----- Dairy plants surveyed and approved for USDA grading service (semiannual).
- A 88.40/a: CT----- AMS (series) (separates).
- Statistical Reporting Service.
- A 92.15/5: date----- Stocks and soybeans in all positions (annual).
- A 92.29/5: date----- Wool and mohair production, price and value (annual).
- NOTE.—See, for earlier statistics, Wool production and value (A 92.29/3:(date)); Mohair production and value (A 92.29/4:(date)); Wool and mohair prices (A 92.29/2:(date)).
- A 92.36: Reserved
- A 92.37: date----- Consumption of commercial fertilizers and primary plant nutrients in United States (annual).
- NOTE.—Designated SpCr 7.
- Commerce Department.
- C 1.32/4: date----- Department of Commerce trade tips on world markets.
- C 1.42/2: Reserved
- C 1.42/3: CT----- National Export Expansion Council publications.
- C 1.52: nos----- Northwest Corridor Transportation Project technical papers.
- Census Bureau.
- C 3.140/2: nos----- Government employment, GE—(series).
- C 3.191/2: nos----- [Government finances] GF (series).
- NOTE.—Consolidation of State finances G—SF (series), C 3.141:(nos.); City finances G—CF (series), C 3.142:(nos.); and Governmental finances, GF—GF (series), C 3.191:(nos.).
- C 3.202/17: Reserved
- C 3.202/18: letter-nos----- Census of business: Special reports.
- C 3.204/2: date/pt. nos----- County business patterns [bound volumes].
- C 3.205/3: series no. & nos----- ISPO [International Statistical Programs Office] (series).
- C 3.211/5: letters-nos----- Special current business reports: Monthly department store sales in selected areas.
- C 3.227/2: nos----- Census tract papers GE—40 (series).
- C 3.230/2: letters-nos----- Enterprise statistics, preliminary reports.
- C 3.233/3: date/v. nos----- Census of transportation: Final volumes.
- C 3.234: date----- Census of commercial fisheries: Final volumes.
- C 3.235: date----- U.S. exports and imports, working day and seasonal adjustment factors (annual).
- NOTE.—See, for earlier class, C 3.2: Ex 7.
- C 3.236: date----- Green coffee inventories and roastings (quarterly).
- C 3.237: v.nos.& nos----- Census Bureau statistical daily.
- C 3.238: v.nos.& nos----- Small-area data activities (irregular).
- C 4.19/2a: CT----- Coast and Geodetic Survey.
- C 4.51: Reserved Publications (numbered) (separates).
- C 4.52: CT----- Posters.
- National Bureau of Standards.
- C 13.37/2: —C 13.37/3: Reserved
- C 13.37/4: CT----- Bibliographies and lists of publications.
- C 21.14/2: CT----- Patent Office.
- Handbooks, manuals, guides.
- C 30.82: Reserved Weather Bureau.
- C 30.83: date----- Operations of the Weather Bureau (semi-annual).

	Civil Aeronautics Board.
C 31.206/8 : pt. nos	Special regulations.
C 31.256 : date	To mayor of each city with local airline service.
C 31.257 : date	Subsidy for United States certificated air carriers (annual).
	Public Roads Bureau.
C 37.4/2 : nos	Hydraulic engineering circulars.
	Maritime Administration.
C 39.226 : v. nos	Decisions of Maritime Subsidy Board, Maritime Administration.
	Business and Defense Services Administration.
C 41.30/3a : CT	Construction review (separates).
	International Commerce Bureau.
C 42.23/2 : CT	Export sales promotion announcements.
C 42.24 : Reserved	
C 42.25 : CT	Investment opportunity information.
C 42.26 : date	Trends in U.S. foreign trade.
	Economic Development Administration.
C 46.25 : nos	Qualified areas under Public works and economic development act of 1965, Public Law 89-136, reports.
C 46.25/2 : nos	Areas eligible for financial assistance designated under Public works and economic development act of 1965, reports (numbered).
	United States Travel Service.
C 47.10/2 : nos.-letters	U.S.T.S. [poster series].
	Community Relations Service.
C 50.3/2 : nos	National Citizens Committee bulletins.
C 50.7/2 : date	CRS media relations, newspapers, magazines, radio, television.
	Clearinghouse for Federal Scientific and Technical Information.
C 51.7/2 : nos	Fast announcements.
C 51.12 : CT	Special Foreign Currency Science Information Program, list of translations in process for fiscal year.
	Environmental Science Services Administration.
C 52.3 : -6 : Reserved	
C 52.7 : nos	Press releases.
C 52.8 : CT	Handbooks, manuals, guides.
C 52.9 : v. nos. & nos	Radio science (monthly).
	NOTE.—Replaces Sec. D of Journal of Research of National Bureau of Standards, C 13.22/sec. D: (v.nos.& nos.).
C 52.10 : nos	Ionospheric predictions (monthly).
	NOTE.—See, for earlier class, C 13.31/3 : (nos.).
C 52.11 : CT	Climatic maps of United States.
C 52.12 : CT	Addresses.
C 52.13 : Reserved	
C 52.14 : date	ESSA world (quarterly).
	Regional Economic Development Office.
C 53.1 : date	Annual report.
C 53.2 : CT	General publications.
C 53.3 : -8 : Reserved	
C 53.9 : CT	Bibliographies and lists of publications.
	Federal Communications Commission.
CC 1.44 : nos	Request for new or modified broadcast call signs.
	Civil Rights Commission.
CR 1.7 : date	Press releases.
	Civil Service Commission.
CS 1.65/3 : date	Executive Seminar Centers [programs].
	NOTE.—See, for earlier class, CS 1.2:Ex3/6/ (date).
CS 1.66/a : CT	Civil service journal (separates).
CS 1.72/2 : date	Federal workforce outlook.

- D 1.6/4 : date----- Defense Department.
 Joint travel regulations: v. 1, Members of uni-
 formed services.
 D 1.13/4 : nos----- Armed services procurement manual ASPM
 (series).
 D 1.39 : Reserved
 D 1.40 : CT----- Country law studies.
 Armed Forces Information & Education.
 D 2.3 : Reserved
 D 2.3/2 : nos----- Voting information bulletin.
 D 2.15/2 : v.nos.& nos----- Commanders digest (semiweekly).
 Defense Department.
 D 7.6/10-2 : nos----- DSA-DLSC manuals.
 NOTE.—Issued by Defense Logistics Services
 Center, Battle Creek, Mich.
 D 7.6/11 : nos----- Quality and reliability assurance handbooks.
 D 7.19 : nos----- DSA poster series.
 Army Department.
 D 101.9/2 : nos----- Army Materiel Command regulations, AMCR
 (series).
 D 101.22/5 : nos----- Supply and Maintenance Command, SMC
 pamphlets.
 D 101.52/7 : nos----- Army Research Office, Durham : Reports.
 NOTE.—Designated ARO-D reports.
 Adjutant General's Corps (Army).
 D 102.19/3 : v.nos.& nos----- Civil affairs activities in Ryukyu Islands (semi-
 annual).
 Army Department.
 D 103.33/2 : nos----- Cold Regions Research & Engineering Labora-
 tory, Hanover, N.H. : Special reports.
 Engineers Corps (Army).
 D 103.42/4 : nos----- Coastal Engineering Research Center : Re-
 prints.
 D 103.44 : nos----- U.S. Army Engineer Division, North Pacific :
 Technical reports.
 Lake Survey (Army).
 D 103.209 : nos----- Research reports.
 Judge Advocate General (Army).
 D 108.9 : Reserved
 D 108.10 : CT----- Handbook, manuals, guides.
 Army Department.
 D 117.11 : nos----- Army Transportation Engineering Agency :
 USATEA reports.
 Navy Department.
 D 201.15/2 : CT----- Naval Support Force, Antarctica, publications.
 NOTE.—See, for earlier class, D 1.32 : (CT).
 Naval Oceanographic Office.
 D 203.8/3 : date----- Special notice to mariners (annual).
 D 203.22/2 : Reserved
 D 203.22/3 : nos----- Special publications.
 D 203.24/6 : v.nos.& nos----- NODC [National Oceanographic Data Center]
 quarterly accessions.
 Supplies and Accounts Bureau (Navy).
 D 212.14 : v.nos.& nos----- Navy Supply Corps newsletters (monthly).
 Marine Corps (Navy).
 D 214.14/2 : CT----- Marine Corps historical reference pamphlets.
 Naval Weapons Bureau.
 D 217.24 : Reserved
 D 217.27 : nos----- Naval Air Test Center, Patuxent River, Md. :
 Technical reports.
 Air Force Department.
 D 301.35/3 : nos----- Air Force Systems Command pamphlets.
 D 301.45/48-D 301.45/51 :
 Reserved

- D 301.45/52: nos----- Aerospace Medical Division: Technical report
AMD-TR (series).
Federal Aviation Agency.
- FAA 1.27/3: Reserved
- FAA 1.27/4: date----- Air traffic patterns for IFR and VFR aviation,
calendar year.
Systems Research and Development Service.
- FAA 2.8/2: nos----- Reports.
Flight Standards Service.
- FAA 5.15: date----- Acceptable methods, techniques, and practices:
Aircraft inspection and repair.
- FAA 5.16: date----- —: Aircraft alterations.
Federal Maritime Commission.
- FMC 1.6: CT----- Regulations, rules, and instructions.
- FMC 1.10/a 2: date----- [Orders, notices, rulings and decisions.]
- FMC 1.11: date----- Approved conference, rate and interconference
agreements of steamship lines in foreign
commerce of United States.
Federal Power Commission.
- FP 1.29: CT----- Planning status reports.
Health, Education, and Welfare Department.
- FS 1.23/5: date----- Mental retardation activities of Department of
Health, Education, and Welfare, annual
report.
Public Health Service.
- FS 2.22/13-4: v.nos.& nos----- International bibliography on crime and de-
linquency.
- FS 2.22/19-3: CT----- Translations for National Institutes of Health.
- FS 2.22/53: v.nos.& nos----- Diabetes literature index (monthly).
- FS 2.22/54: v.nos.& nos----- Gastroenterology abstracts and citations
(monthly).
- FS 2.22/55: nos----- NINDM monographs.
- FS 2.22/56: Reserved
- FS 2.22/57: CT----- Nutrition surveys [by country].
NOTE.—See, for earlier class, Y 3.In8/13: 2(CT).
- FS 2.22/58: CT----- National Institutes of Health: Addresses.
- FS 2.53/3: nos----- Mental health manpower, current statistical
and activities report.
National Library of Medicine.
- FS 2.208/4: v.nos----- Cumulated index medicus (annual).
- FS 2.209/3: v.nos.& nos----- Bibliography of medical translations (semi-
monthly).
NOTE.—See, for earlier bibliography, FS 2.209:
T68, which is considered v.1 of this series.
- FS 2.209/4: nos----- Bibliography of the history of medicine (an-
nual, cumulated every five years).
- FS 2.216: date----- National Library of Medicine current catalog
(biweekly).
NOTE.—Supersedes National Library of Medicine
Catalog, LC 30.13: (date).
- FS 2.305: nos----- Public Health Service.
Office of Solid Wastes information series SW
(nos.).
Social Security Administration.
- FS 3.6/4: nos----- Health insurance for the aged, HIM-(series).
Education Office.
- FS 5.237: nos----- Elementary and secondary education publica-
tions: Education of the disadvantaged, OE-
37,000-37,999.
- FS 5.238: nos----- — Equal educational opportunities, OE-
38,000-38,999.

FS 13.119:CT-----	Food and Drug Administration.
FS 13.123: Reserved	Handbooks, manuals, guides.
FS 13.124: date-----	Radio-TV packet.
FS 13.125: CT-----	Bibliographies and lists of publications.
FS 13.127: nos-----	FDA poster (series).
FS 13.205: CT-----	Vocational Rehabilitation Administration.
	Laws.
FS 14.17: CT-----	Welfare Administration.
FS 14.17/2: CT-----	Parole series.
FS 14.17/3: CT-----	Correction series.
	Legal series.
FS 14.115: nos-----	Children's Bureau.
	Juvenile delinquency, facts, facets.
	NOTE.—See, for earlier class, FS 3.222: (nos.).
FS 14.218: date-----	Family Services Bureau.
	Medical assistance for the aged, fact sheet (semiannual).
FS 14.219: Reserved	
FS 14.220: date-----	Progress report on staff development (annual).
FS 14.221: date-----	Public assistance, vendor payments for medical care by type of service, fiscal and calendar years.
	NOTE.—See, for earlier class, FS 14.202: M 46/ date.
FS 15.8: CT-----	Aging Administration.
FS 15.10: nos-----	Handbooks, manuals, guides.
	Aging.
	NOTE.—See, for earlier class, FS 14.9: (nos.).
FS 15.11: nos-----	Patterns for progress in aging.
	NOTE.—See, for earlier class, FS 14.9/5: (nos.).
FS 15.12: CT-----	Bibliographies and lists of publications.
FS 15.12/2: CT-----	Selected references on aging.
	NOTE.—See, for earlier class, FS 14.9/4: (CT).
FS 16.1: date-----	Federal Water Pollution Control Administration.
FS 16.2: CT-----	Annual report.
FS 16.3: -4: Reserved	General publications.
FS 16.5: CT-----	Laws.
FS 16.6: -8: Reserved	
FS 16.9: date-----	Building for clean water, report on Federal incentive grants for municipal waste treatment.
	NOTE.—See, for earlier class, FS 2.64/4: (date).
GA 1.15: date-----	General Accounting Office.
	GAO review (quarterly).
GP 1.23/2: -GP 1.23/3: Reserved	Government Printing Office.
GP 1.23/4: CT-----	Handbooks, manuals, guides.
GS 1.14/8: -9: Reserved	General Services Administration.
GS 1.14/10: CT-----	Federal Fire Council: Addresses.
GS 2.10/2-2: date-----	Federal Supply Service.
GS 2.10/6: pt.nos./date-----	General stores stock catalog, hand tool section.
	GSA stock catalog.
	NOTE.—See, for earlier classes, GS 2.10/2: GS 2.10/2-2: and GS 2.10/4: (date).
HH 1.6/5: nos-----	Housing and Urban Development Department.
HH 1.17: nos-----	HUD program guides.
	Water and sewer facilities grant program, HUD information series.
HH 1.26: date-----	Urban planning assistance program project directory.
	NOTE.—See, for earlier class, HH 7.8/3: (date).

Interior Department.

- I 1.1/4: date_____ Cooperative water resources research and training (annual).
 I 1.87/3: CT_____ Conceptual design of desalination plants.
 I 1.95: nos_____ Conservation yearbooks.
 Geological Survey.

I 19.52: -I 19.53: Reserved

- I 19.54: date_____ Abstracts of North American geology (monthly).

Indian Affairs Bureau.

- I 20.44/a: CT_____ Navajo yearbook of planning in action (separates).
 I 20.51: CT_____ Indians of [various States].
 I 20.52: nos_____ Missouri River Basin Investigations Project reports.

Mines Bureau.

- I 28.30/4: date_____ Coke and coal chemicals, annual.
 I 28.88/2: date_____ Carbon black, annual.
 I 28.111: date_____ Feldspar, annual.
 I 28.112: date_____ Explosives, annual.

National Park Service.

I 29.72: -.73: Reserved

- I 29.74: CT_____ Historic American Buildings Survey.

Fish and Wildlife Service.

- I 49.28/3: nos_____ Fish disease leaflet FDL-(series).
 I 49.32/a: CT_____ Statistical digests (separates).
 I 49.49/2: nos_____ Fishery market development series.

I 49.61: -65: Reserved

- I 49.66: nos_____ Resource publications (numbered).
 I 49.67: nos_____ Resources status reports.
 I 49.68: nos_____ Technical papers.

NOTE.—Issued by Bureau of Sport Fisheries and Wildlife.

Defense Electric Power Administration.

- I 56.8: CT_____ Handbooks, manuals, guides.

Outdoor Recreation Bureau.

- I 66.14: Reserved
 I 66.15: CT_____ Bibliographies and lists of publications.
 I 66.16: date_____ Operation Golden Eagle, directory of federal recreation areas requiring entrance and user charges.
 I 66.17: nos_____ Outdoor recreation action (quarterly).

Federal Water Pollution Control Administration.

- I 67.1: date_____ Annual report.
 NOTE.—See, for earlier class, FS 16.1:(date).

- I 67.2: CT_____ General publications.
 NOTE.—See, for earlier class, FS 16.2:(CT).

I 67.3: -7: Reserved

- I 67.8: CT_____ Handbooks, manuals, guides.
 I 67.9: date_____ Pollution-caused fishkills (annual).
 NOTE.—See for earlier class, FS 2.94:(date).

- I 67.10: date_____ Water and sewer bond sales in the United States (annual).

NOTE.—See, for earlier class, FS 2.56/4:(date).

- I 67.11: date_____ Sewage and water works construction (annual).

NOTE.—See, for earlier class, FS 2.56/2:(date).

- I 67.12: date_____ Selected summaries of water research.

Interstate Commerce Commission.

- IC 1.23/20: date_____ Supplement to Carload waybill statistics (annual).

Federal Bureau of Investigation.

- J 1.14/17: CT_____ Addresses.

- Community Relations Service.
 J 23.1 : date----- Annual report.
 NOTE.—See, for earlier class, C 50.1 : (date).
- J 23.2 : CT----- General publications.
 NOTE.—See, for earlier class, C 50.2 : (CT).
- J 23.3 : -7 : Reserved
- J 23.8 : CT----- Handbooks, manuals, guides.
 NOTE.—See, for earlier class, C 50.8 : (CT).
- Labor Department.
 L 1.7/3 : Reserved
 L 1.7/4 : CT----- Regulations and interpretative bulletins.
 L 1.54 : CT----- Plans for Progress publications.
 L 1.55 : date----- Welfare and pension plans disclosure act, report to Congress, calendar year.
- Labor Statistics Bureau.
 L 2.71/2 : nos----- Regional reports.
 L 2.89/2 : date----- Indexes of output per man-hour for the private economy (annual).
 NOTE.—See, for earlier class, L 2.2 : Ou 8/2/ (date).
- Women's Bureau.
 L 13.6/3 : CT----- Equal pay [laws in various States].
 L 13.6/4 : date----- Marriage laws (annual).
 NOTE.—See, for earlier class, L 13.2 : M 34/5 (date).
 L 13.6/5 : date----- Divorce laws (annual).
 NOTE.—See, for earlier class, L 13.2 : D 64/ (date).
- Labor Standards Bureau.
 L 16.47/4 : CT----- Maritime safety data for shipyard industry.
 L 16.47/5 : CT----- Maritime safety data : Longshoring.
 L 16.51/2 : nos----- Safe work guide SWG LS- (series).
 L 16.51/3 : nos----- Suggested safe practices for shipyard workers.
 L 16.51/4 : nos----- Student reference, Department of Labor Safety Training Programs.
 L 16.51/5 : nos----- Safeguard our nation's youth . . . on the job (series).
- Library of Congress.
 LC 1.30/2-2 : date----- Annual list of serials, American Libraries Book Procurement Centers, Karachi, Dacca.
 LC 1.30/5 : v.nos.& nos----- Indonesia, accessions list.
 LC 1.30/6 : v.nos.& nos----- Accessions list, Nepal (triannual).
 LC 1.32 : nos----- FLC [Federal Library Committee] newsletters.
 LC 1.32/2 : Reserved
 LC 1.32/3 : date----- Library vacancy roster.
 NOTE.—Published by Federal Library Committee.
- LC 30.8/7 : date----- National union catalog : Register of additional locations.
 LC 30.8/8 : date----- National register of microform masters.
 LC 33.3 : -LC 33.8 : Reserved
 LC 33.9 : v.nos----- Antarctic bibliography.
- National Labor Relations Board.
 LR 1.15/4 : date----- Quarterly report on case developments.
- National Aeronautics and Space Administration.
 NAS 1.18/2 : pt.nos./date----- Index to management issuances.
 NAS 1.18/3 : date----- Petitions for patent waiver.
 NOTE.—Designated NHB 5500.1.
- NAS 1.33 : date----- Space science and applications program (annual).
- National Capital Regional Planning Council.
 NC 3.8 : CT----- Handbooks, manuals, guides.
 NC 3.9/2 : nos----- National Capital Open Space Program : Planning reports.

NS 1.26 : v.nos.& nos.....	National Science Foundation. Antarctic journal of United States (bimonthly).
P 1.39/2 : CT.....	Post Office Department. State postal maps.
PrEx 2.8/5 : date.....	Budget Bureau. Special analyses, budget of United States, fiscal year.
PrEx 2.16 : Reserved	
PrEx 2.17 : nos.....	Working papers.
PrEx 4.18/4 : CT.....	Emergency Planning Office. National Resource Evaluation Center : Publications (unnumbered).
PrEx 7.2 : CT.....	Foreign Broadcast Information Service. General publications.
PrEx 10.5 : CT.....	Economic Opportunity Office. Laws.
PrEx 10.7/2 : v.nos.& nos.....	News summary of war on poverty (weekly).
PrEx 10.9/2 : v.nos.& nos.....	Communities in action [periodical account of war on poverty] (irregular).
PrEx 10.11 : CT.....	Addresses.
PrEx 10.12 : nos.....	Project Head Start (series).
PrEx 10.12/2 : nos.....	Head Start newsletter (irregular).
PrEx 10.13 : Reserved	
PrEx 10.14 : v.nos.& nos.....	Rural opportunities.
PrEx 10.15 : CT.....	Bibliographies and lists of publications.
PrEx 10.16 : v.nos.& nos.....	Advisory, monthly newsletter from Office of National Councils and Organizations to advisory councils.
S 1.124 : nos.....	State Department. Center for International Systems Research : Occasional papers.
S 18.6 : CT.....	International Development Agency. Regulations, rules, and instructions.
S 18.6/2 : date.....	Agency for International Development procurement regulations.
S 18.34 : nos.....	Food for peace, monthly newsletter about activities under PL 480. NOTE.—See, for earlier class, PrEx 1.9/2 : (nos.).
S 18.35 : date.....	Index to Catalog of investment information and opportunities.
S 18.35/2 : nos.....	Catalog of investment information and opportunities, I.P. supplements.
S 18.35/3 : CT.....	Catalog of investment information opportunities index, supplements.
SI 1.22 : nos.....	Smithsonian Institution. Publications in salvage archeology.
SI 3.11 : v.nos.....	National Museum. Smithsonian contributions to anthropology.
T 1.41 : -42 : Reserved	
T 1.43 : date.....	Treasury Department. Progress in management improvement (annual).
T 12.16/a : CT.....	Comptroller of Currency. National banking review (separates).
T 47.50/2 : date.....	Coast Guard. Bibliography of publications for public education and membership training.
T 66.6/2 : CT.....	Savings Bonds Division. Handbooks, manuals, guides.
TC 1.26/2 : sched.& v.nos.....	Tariff Commission. Summaries of trade and tariff information.
TC 1.36 : date.....	Imports of benzenoid chemicals and products.
VA 1.43/3 : date.....	Veterans Administration. Highlights of VA medical research.
VA 1.43/4 : date.....	Medical research program.

United States Advisory Commission on International Educational and Cultural Affairs.

Y 3.Ad 9/9 : 3 to Y 3.Ad 9/9 : 8

Reserved

Y 3.Ad9/9 : 9/date-----

International educational and cultural exchange.

NOTE.—See, for earlier class, Y 3.Ad 9/9 : 2 In 8.

Y 3.Ap 4 : Reserved

Appalachian Regional Commission.

Y 3.Ap 4/2 : 1/date-----

Report.

Y 3.Ap 4/2 : 2 CT-----

General publications.

Battle of New Orleans Sesquicentennial Celebration Commission.

Y 3.B 32 : 1/date-----

Reports.

Civil War Centennial Commission.

Y 3.C49/2 : 9/v.nos-----

Military operations of the Civil War, guide index to Official records of Union and Confederate armies, 1861-65.

Y 3.C49/2 : 9a/letters-----

—:(separates by section).

Equal Employment Opportunity Commission.

Y 3.Eq2 : 1/date-----

Report.

Y 3.Eq2 : 2 CT-----

General publications.

Y 3.Eq2 : 3-6 Reserved

Y 3.Eq2 : 7/date-----

Press releases.

Y 3.Eq2 : 8 Reserved

Y 3.Eq2 : 9/v.no.-no-----

Newsletter from Equal Employment Opportunity Commission (irregular).

Y 3.Eq2 : 10/date-----

Digest of legal interpretations issued or adopted by Commission (quarterly).

Export-Import Bank of Washington.

Y 3.Ex7/3 : 6 to Y 3.Ex7/3 : 8

Reserved

Y 3.Ex7/3 : 9 CT-----

Addresses.

Maritime Advisory Committee.

Y 3.M 33 : 1/date-----

Report.

Y 3.M 33 : 2 CT-----

General publications.

National Commission on Food Marketing.

Y 3.N21/22 : 1/date-----

Report.

Y 3.N21/22 : 2 CT-----

General publications.

Y 3.N21/22 : 3 to Y 3.N21/22 : 8

Reserved

Y 3.N21/22 : 9/nos-----

Technical studies.

Subversive Activities Control Board.

Y 3.Su 1 : 8-2/v.nos-----

Reports of Subversive Activities Control Board (bound volumes).

Y 3.W58/10 : Reserved

White House Conference on International Cooperation.

Y 3.W58/11 : 1/date-----

Report.

Y 3.W58/11 : 2 CT-----

General publications.

White House Conference on Natural Beauty.

Y 3.W58/12 : 1/date-----

Report.

Y 3.W58/12 : 2 CT-----

General publications.

Y 3.W58/12 : 3-6 Reserved

Y 3.W58/12 : 7/date-----

Press releases.

White House Conference on Equal Employment Opportunity.

Y 3.W58/13 : 1/date-----

Report.

Y 3.W58/13 : 2 CT-----

General publications.

White House Conference on Health.

Y 3.W58/14 : 1/date-----

Report.

Y 3.W58/14 : 2 CT-----

General publications.

White House Conference, To Fulfill These Rights.

Y 3.W58/15 : 1/date-----

Report.

Y 3.W58/15 : 2 CT-----

General publications.

Standards and Conduct, Select Committee on, Senate.

Y 4.St 2/2 : CT-----

Publications.

Discontinued Series

Forest Service.

- A 13.64/7 : v.nos.& nos.----- Caribbean forester (semiannual).
NOTE.—Discontinued with V.24, no. 2, 1963.

Census Bureau.

- C 3.164 : 380/date----- [Foreign trade report] : FT 380, U.S. imports by air, general imports of merchandise, commodity by country (monthly).

NOTE.—Discontinued with issue for calendar year 1964; beginning Jan. 1965, replaced by FT 785, U.S. exports and imports by air, C 3.164 : 785/ (date).

- C 3.164 : 390/date----- : FT 390, U.S. imports by air, general imports of merchandise, country by commodity (monthly).

NOTE.—Discontinued with issue for calendar year 1964; beginning Jan. 1965, replaced by FT 785, U.S. exports and imports by air, C 3.164 : 785/ (date).

- C 3.164 : 780/date----- : FT 780, U.S. exports by air, commodity by country (monthly).

NOTE.—Discontinued with issue for calendar year 1964; beginning Jan. 1965, replaced by FT 785, U.S. exports & imports by air, C 3.164 : 785/ (date).

- C 3.164 : 790/date----- : FT 790, U.S. exports by air, country by commodity (monthly).

NOTE.—Discontinued with issue for calendar year 1964; beginning Jan. 1965, replaced by FT 785, U.S. exports & imports by air, C 3.164 : 785/ (date).

National Bureau of Standards.

- C 13.22/sec. D ; v.nos.& nos.----- Journal of research: sec. D, Radio science (monthly).

NOTE.—Discontinued with v. 69, no. 12, Dec. 1965. Replaced by Radio science, published by Environmental Science Services Administration, C 52.9 : (v.nos.& nos.)

Weather Bureau.

- C 30.54/3 : date----- Daily weather and river bulletin, [Houston, Tex., area].

NOTE.—Discontinued with Feb. 28, 1966 issue.

- C 30.54/6 : date----- [Little Rock, Ark., area].

NOTE.—Discontinued with Feb. 20, 1965 issue.

- C 30.54/9 : date----- [Montgomery, Ala., area].

NOTE.—Discontinued with Apr. 30, 1965 issue.

- C 30.54/11 : date----- [Sacramento, Calif., area].

NOTE.—Discontinued with Aug. 10, 1965 issue.

- C 30.54/13 : date----- Daily river and rainfall bulletin, [Vicksburg, Miss., area].

NOTE.—Discontinued with July 16, 1965 issue. Combined with Daily weather and river bulletin, [Memphis, Tenn., area], beginning July 19, 1965 issue, C 30.54/7 : (date).

Area Redevelopment Administration.

- C 46.19 : date----- Accelerated public works program, directory of approved projects (quarterly).

NOTE.—Discontinued with 13th report, July 1, 1964.

U.S. Antarctic Projects Officer.

- D 1.32/2 : v.nos.& nos.----- Bulletin of U.S. Antarctic Projects Officer (monthly).

NOTE.—Discontinued with v. 6, no. 7.

FR 1.24/2 : date-----	Federal Reserve System Board of Governors. Weekly department store sales, selected cities and areas. NOTE.—Discontinued with Feb. 4, 1966 issue.
FR 1.24/3 : date-----	Monthly department store sales, selected cities and areas. NOTE.—Discontinued with issue for Jan. 1966.
FR 1.34/3 : date-----	Department store credit (monthly). NOTE.—Discontinued with issue for Jan. 1966.
FR 1.41 : date-----	Retail furniture report (monthly). NOTE.—Discontinued with issue for Jan. 1966.
IC 1.val. 9 : v.nos-----	Interstate Commerce Commission. Valuation reports. NOTE.—Discontinued with v. 57, Decisions of Interstate Commerce Commission, Mar. 1960–Mar. 1964.
L 1.9/3 : date-----	Labor Department. Labor charts from Department of Labor (monthly). NOTE.—Discontinued with May 1965 issue.
L 2.84 : date-----	Labor Statistics Bureau. Monthly report on labor force, employment, un- employment, hours and earnings. NOTE.—Discontinued as separate publication with Jan. 1966 issue, which gives data for Dec. 1965. Combined with Employment and earnings, L 2.41/2 ;, beginning with v. 12, no. 8, Feb. 1966.
Pr Ex 10.9 : v.nos.& nos-----	Economic Opportunity Office. Communities in action, published as informa- tion service in War on Poverty by Commu- nity Action Program of Office of Economic Opportunity (irregular). NOTE.—Discontinued with v. 1, no. 4, Aug. 1965.
SBA 1.20 : nos-----	Small Business Administration. Small business research series. NOTE.—Discontinued with no. 4, 1964.
SBA 1.20/2 : date-----	Suggested research topics. NOTE.—Discontinued with issue of Sept. 1961.
Y 3.C 49/2:8/v.nos.& nos-----	Civil War Centennial Commission. 100 years after [newsletter] (monthly). NOTE.—Discontinued with v. 8, no. 6, June 1965.

Corrections for Previous Monthly Catalogs

- Oct. 1965. Entry 16598, Apollo experiments guide. Correct class to read NAS 1.18 : Ap 4/2.
- Jan. 1966. Entry 624, Analysis of advertising expenditures by corporation marketing food and kindred products, 1950–64. Correct ERS-number to read 251.
- Entry 1176, Apollo configuration management manual. Correct class to read NAS 1.18 : Ap 4.
- Sept. 1966. Entry 13034, Partners of the Alliance, Subcommittee on Inter-American Affairs, June 27, 1966. Correct class to read Y 4.F 76/1 : P 25. This is a duplicate of Entry 11653 in the August 1966 Monthly Catalog.
- Entry 13218, Palo Verde lands, hearing. Correct class to read Y 4.In 8/13 : P 18/966.

Classified List of Government Authors

	Beginning Entry
Advisory Commission on Intergovernmental Relations.....	16915
Agriculture Department.....	16919
Agricultural Research Service.....	16917
Commodity Credit Corporation.....	17063
Consumer and Marketing Service.....	17600
Economic Research Service.....	17615
Farmers Home Administration.....	17644
Federal Extension Service.....	17651
Foreign Agricultural Service.....	17680
Forest Service.....	17681
Information Office.....	17735
National Agricultural Library.....	17934
Soil Conservation Service.....	18103
Statistical Reporting Service.....	18127
Atomic Energy Commission.....	16970
Civil Service Commission.....	17033
Commerce Department.....	17053
Business and Defense Services Administration.....	16988
Census Bureau.....	16991
Environmental Science Services Administration.....	17636
Coast and Geodetic Survey.....	17050
Maritime Administration.....	17828
National Bureau of Standards.....	17936
Patent Office.....	17982
Public Roads Bureau.....	18085
Congress.....	17064
Atomic Energy Joint Committee.....	17150
Economic Joint Committee.....	17151
House of Representatives.....	17154
Agriculture Committee.....	17354
Appropriations Committee.....	17357
Armed Services Committee.....	17359
Banking and Currency Committee.....	17366
District of Columbia Committee.....	17370
Education and Labor Committee.....	17371
Foreign Affairs Committee.....	17376
Government Operations Committee.....	17379
Interstate and Foreign Commerce Committee.....	17382
Judiciary Committee.....	17388
Merchant Marine and Fisheries Committee.....	17389
Post Office and Civil Service Committee.....	17391
Public Works Committee.....	17392
Rules Committee.....	17393
Science and Astronautics Committee.....	17394

Congress—Continued		Beginning
House of Representatives—Continued		Entry
Small Business, Select Committee on.....	17395	
Un-American Activities Committee.....	17396	
Veterans' Affairs Committee.....	17397	
Ways and Means Committee.....	17398	
Senate	17402	
Aging, Special Committee on.....	17563	
Agriculture and Forestry Committee.....	17564	
Appropriations Committee.....	17566	
Armed Services Committee.....	16570	
Banking and Currency Committee.....	17573	
Commerce Committee.....	17574	
Congress, Special Committee on Organization of.....	17578	
Foreign Relations Committee.....	17579	
Government Operations Committee.....	17580	
Interior and Insular Affairs Committee.....	17583	
Judiciary Committee.....	17586	
Labor and Public Welfare Committee.....	17589	
Post Office and Civil Service Committee.....	17595	
Public Works Committee.....	17597	
Small Business, Select Committee on.....	17599	
Defense Department.....	17605	
Air Force Department.....	16944	
Army Department.....	16955	
Army Medical Service.....	16968	
Civil Defense Office.....	17020	
Engineers Corps.....	17631	
Military Academy, West Point.....	17831	
National Guard Bureau.....	17950	
Navy Department.....	17978	
Marine Corps.....	17826	
Medicine and Surgery Bureau.....	17830	
Naval Operations Office		
Naval Oceanograph Office.....	17965	
Naval Personnel Bureau.....	17972	
Naval Research Office.....	17977	
Emergency Boards (under sec. 10, Railway labor act).....	17628	
Equal Employment Opportunity Commission.....	17639	
Federal Aviation Agency.....	17645	
Air Traffic Service.....	16951	
Aviation Medicine Office.....	16982	
Federal Council for Science and Technology.....	17649	
Federal Home Loan Bank Board.....	17652	
Federal Maritime Commission.....	17653	
Federal Power Commission.....	17655	
Federal Reserve System Board of Governors.....	17660	
General Accounting Office.....	17705	
General Services Administration		
Federal Supply Service.....	17664	
Government Printing Office		
Public Documents Division.....	17991	

	Beginning Entry
Health, Education, and Welfare Department.....	17732
Education Office.....	17619
Public Health Service.....	18000
National Library of Medicine.....	17955
Social Security Administration.....	18098
Welfare Administration.....	18143
Family Services Bureau.....	17640
Housing and Urban Development Department.....	17733
Interagency Committee on Water Resources.....	17736
Interior Department.....	17737
Bonneville Power Administration.....	16985
Federal Water Pollution Control Administration.....	17669
Fish and Wildlife Service.....	17672
Geological Survey.....	17716
Indian Affairs Bureau.....	17734
Land Management Bureau.....	17819
Mines Bureau.....	17832
National Park Service.....	17956
Outdoor Recreation Bureau.....	17980
Reclamation Bureau.....	18086
Interstate Commerce Commission.....	17746
Joint Publications Research Service.....	17749-1
Justice Department.....	17797
Labor Department.....	17798
Labor Standards Bureau.....	17804
Labor Statistics Bureau.....	17808
Manpower Administration	
Apprenticeship and Training Bureau.....	16954
Employment Security Bureau.....	17629
Wage and Hour and Public Contracts Divisions.....	18140
Women's Bureau.....	18145
Library of Congress.....	17820
Copyright Office.....	17602
Maritime Advisory Committee.....	17829
National Aeronautics and Space Administration.....	17871
National Capital Regional Planning Council.....	17946
National Commission on Food Marketing.....	17947
National Labor Relations Board.....	17953
National Railroad Adjustment Board.....	17963
National Science Foundation.....	17964
Post Office Department.....	17988
President of United States.....	17990
Executive Office of the President	
Budget Bureau.....	16986
Renegotiation Board.....	18089
Securities and Exchange Commission.....	18090
Ship Structure Committee.....	18091
Small Business Administration.....	18092
Smithsonian Institution.....	18095
State Department.....	18106
International Development Agency.....	17745

	Beginning Entry
Tariff Commission.....	18129
Treasury Department.....	18131
Coast Guard.....	17052
Internal Revenue Service.....	17741
Mint Bureau.....	17870
Veterans Administration.....	18132

Monthly Catalog

NO. 863 • DECEMBER 1966

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, D.C. 20575

- 16915 Information report, metropolitan councils of governments [with selected bibliography]; prepared by Royce Hanson. Aug. 1966. vii+69 p. 4° (M-32.) † • Item 1049-D
L.C. card 66-62998 Y 3.Ad 9/8: 2 M 56/4
- 16916 1967 State legislative program of Advisory Commission on Intergovernmental Relations. Sept. 1966. viii+600+[1] p. (M-33). [Edge index and how to use on p. 4 of cover.] ‡ • Item 1049-D
L.C. card 65-60443 Y 3.Ad 9/8: 2 L 52/967

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

- 16917 General catalogue of Homoptera: fascicle 6, Cicadelloidea, pt. 15, Iassidae; by Z. P. Metcalf. Oct. 1966. [2]+229 p. [Contribution from Entomology Department, North Carolina Agricultural Experiment Station, Raleigh, N.C., catalogued as Paper 1603.] * Paper, 65c. • Item 25-C
L.C. card 28-7846 A 77.20: 6/pt. 15
- 16918 Index-catalogue of medical and veterinary zoology: Supp. 15, Parasite-subject catalogue, hosts; by Judith M. Humphrey [and others]. Sept. 1966. viii+149 p. 4° (Beltsville Parasitological Laboratory, Animal Disease and Parasite Research Division.) * Paper, 75c. • Item 31
L.C. card 63-65031 A 77.219/2: 15/host

AGRICULTURE DEPARTMENT Washington, D.C. 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

Agriculture handbooks. • Item 3 A 1.76:(nos.)

- 16919 230. Farmer's handbook of financial calculations and physical measurements; [prepared by Ralph R. Botts]. [Revised Nov. 1966.] [1966.] cover title, ii+54 p. il. 4° (Farm Production Economics Division, Economic Research Service.) [Text on p. 2-4 of cover.] * Paper, 35c.
L.C. card Agr 66-352
- 16920 303. Market diseases of asparagus, onions, beans, peas, carrots, celery, and related vegetables [with list of literature cited; by Marion A. Smith, Lacy P. McColloch, and Bernard A. Friedman]. Sept. 1966. iv+65 p. 17 pl. (Agricultural Research Service, Market Quality Research Division.) [Supersedes Miscellaneous publication 440. Some plates are colored.] * Paper, 60c.
L.C. card Agr 66-357
- 16921 325. Handbook of agricultural charts, 1966. [Oct. 1966.] cover title, 155 p. il. (Economic Research, Statistical Reporting Agricultural Research, Foreign Agricultural Services.) * Paper, 45c.
L.C. card 64-62697

Agriculture information bulletin. • Item 4

- 16922 305. Your water supply and forests. [Aug. 1966.] [2]+17 p. il. 12° [Supercedes Leaflet 282. Know your watersheds.] * Paper, 15c.
L.C. card Agr 66-353 A 1.75: 305

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 1

GOVERNMENT PUBLICATIONS

Farmers' bulletins. ● Item 9 A 1.9:(nos.)

- 16923 2133. Growing safflower, oilseed crop; [prepared by Crops Research Division, Agricultural Research Service]. [Revised June 1966.] [1966.] [2]+14 p. il. * Paper, 10c.
L.C. card Agr 66-233
- 16924 2202. Simple plumbing repairs for home and farmstead; [prepared by Agricultural Engineering Research Division, Agricultural Research Service]. [Sept. 1964, slightly revised Sept. 1966.] [1966.] 16 p. il. [Supersedes Farmers' bulletin 1460, Simple plumbing repairs in home.] * Paper, 10c.

Home and garden bulletin. ● Item 11

- 16925 78. Storing perishable foods in home; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [1961, slightly revised Oct. 1966.] [1966.] 12 p. il. [Includes list of publications on storing and preserving foods available from Agriculture Dept.] * Paper, 10c.
L.C. card Agr 66-351 A 1.77:78/2

Leaflets. ● Item 12 A 1.35:(nos.)

- 16926 437. Anaplasmosis in cattle; [prepared by Animal Disease and Parasite Research Division and Entomology Research Division, Agricultural Research Service]. [Revised Sept. 1966.] [1966.] 4 p. il. * Paper, 5c.
- 16927 537. Raising a few hogs. [May 1966, slightly revised Oct. 1966.] [1966.] 8 p. il. (Animal Husbandry Research Division, Agricultural Research Service.) * Paper, 5c.

Marketing research reports. A 1.82:(nos.)

- 16928 756. Appearance and decay of strawberries, peaches, and lettuce treated with ozone [with list of literature cited; by Donald H. Spalding]. [Oct. 1966.] [3]+11 p. il. 4° (Agricultural Research Service.) * Paper, 15c.
L.C. card Agr 66-358
- 16929 769. Comparison of for-hire motor carriers operating under agricultural exemption with regulated motor carriers [with list of literature cited; by W. Miklius]. [Aug. 1966.] 20 p. il. 4° (Economic Research Service.) * Paper, 15c. ● Item 13-B
L.C. card Agr 66-260
- 16930 776. Packer feeding of cattle, its volume and significance; [by Arnold Aspelin and Gerald Engelman]. Nov. 1966. [2]+34 p. il. 4° (Packers and Stockyards Division, Consumer and Marketing Service.) † ● Item 13-B

Miscellaneous publications. ● Item 13-A A 1.38:(nos.)

- 16931 1015. Annotated list of generic names of scale insects (Homoptera: Coccoidea); compiled by Harold Morrison and Emily R. Morrison. Oct. 1966. vi+206 p. (Agricultural Research Service.) * Paper, 55c.
L.C. card Agr 66-355
- 16932 1036. Farrow-to-finish swine unit. Sept. 1966. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5993.) * Paper, 5c.
- 16933 1037. Free-stall dairy system for 101 cows. Sept. 1966. [2] p. il. 4° (Cooperative farm building plan exchange, plan 5985.) * Paper, 5c.
- 16934 1046. Research data on minority groups, annotated bibliography of Economic Research Service reports, 1955-65; [compiled by Vera J. Banks, Elsie S. Manny, and Nelson L. LeRoy]. [Nov. 1966.] ii+26 p. 4° (Economic Research Service.) * Paper, 20c.
L.C. card Agr 66-354

PA [program aid] (series). ● Item 14-A A 1.68:(nos.)

- 16935 457. Forestry activities, guide for youth group leaders. [June 1961, slightly revised Oct. 1966.] [1966.] 31 p. il. oblong 24° (Forest Service.) [Includes list of materials to help teach forest conservation. Supersedes PA-387, Forestry activities, guide for boy scout leaders.] * Paper, 15c.
- 16936 708. How to use USDA grades in buying food, dairy products, poultry, fruit and vegetables, eggs, meat. [June 1966.] [12] p. il. narrow 8° (Consumer Marketing Service.) [Supersedes Home & garden bulletin 58, Shoppers guide to U.S. grades for food.] * Paper, 10c.
- 16937 764. Lunch at school, serves the nation, 20 years of progress in National school lunch program. Aug. 1966. [16] p. il. (Consumer and Marketing Service.) [Supersedes PA-469, National school lunch program, 15 years of progress.] †
L.C. card Agr 66-349
- 16938 770. Multiple use management, forest conservation for growing nation. Sept. 1966. [8] p. il. narrow 8° (Forest Service.) †
- 16939 780. USDA helps expand outdoor recreation for fun and profit. Oct. 1966. 16 p. il. oblong 8° (Office of Information.) [Supersedes Accelerating rural outdoor recreation on public and private lands.] †
- 16940 Protecting our food [yearbook of agriculture 1966; Jack Hayes, editor]. [1966.] xiii+[15]+386 p. il. [Illustrated lining papers attached to front and back covers. Yearbook is made up of signed articles. Also issued as H. doc. 349, 89th Cong., 2d sess.] * Cloth, \$2.50. ● Item 17
L.C. card Agr 66-345 A 1.10:966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Statistical bulletin. ● Item 15

- 16941 379. Feed consumed by various classes of livestock, by States, 1949-50 and 1959-60, with 1964-65 national estimates and comparisons; [by George C. Allen and Earl F. Hodges]. [Oct. 1966] iv+50 p. il. 4° (Economic Research Service.) * Paper, 35c.
L.C. card Agr 66-321 A 1.34: 379

Technical bulletins. ● Item 16

A 1.36: (nos.)

- 16942 1356. Building decay associated with rain seepage [with list of literature cited]; by Arthur F. Verrall. Sept. 1966. ii+58 p. il. (Forest Service.) * Paper, 25c.
L.C. card Agr 66-340
- 16943 1359. Lint cleaning at cotton gins, effects of fiber moisture and amount of cleaning on lint quality; [by Gino J. Mangialardi, jr., and Anselm C. Griffin, jr.]. [Aug. 1966.] iii+24 p. il. (Agricultural Research Service.) * Paper, 15c.
L.C. card Agr 66-341

AIR FORCE DEPARTMENT, Defense Dept.
Washington, D.C. 20330

Air Force manual AFM (series). ● Item 421

- 16944 50-25. Small arms ranges [with list of references; Sept. 15, 1966]. [1966.] cover title, iii+111 p. il. 4° ([Air Training Command.]) [Issued in looseleaf form. Supersedes AFM 50-25, May 6, 1963.] ‡ D 301.7: 50-25/2
- 16945 78-43. See Defense Department, Defense Supply Agency handbook DSAH 4215.27.
- 16946 88-40, chap. 21. See Army Department, Technical manual 5-886-3.
- 16947 88-40, chap. 46. See Army Department, Technical manual 5-892-6.

Air Force technical order TO (series).

- 16948 13C7-22-41. See Army Department, Technical manual 10-500-92.

Electronic Systems Division: Technical report ESD-TR (series). (Air Force Systems Command, L. G. Hanscom Field, Bedford, Mass.)

- 16949 66-278. Effect of context on recall and recognition of long verbal series [with list of references; by] William H. Sumby. June 1966. iii+15+2 p. il. 4° ([Decision Sciences Laboratory]; project 7682, task 768201.) ‡
D 301.45/28: 66-278

Personnel Research Laboratory: Technical report PRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.)

- 16950 66-3. Evaluation of airman jobs by 4 categories of raters [with list of references]; by Joe T. Hazel, Douglas K. Cowan. June 1966. vi+24+[2] p. il. 4° ([Project 7734, task 773402.]) ‡
D 301.45/27: 66-3

AIR TRAFFIC SERVICE, Federal Aviation Agency
Washington, D.C. 20553

- 16951 Facility operation handbook, ATP 7230.1A. [Change] 14; [July 27, 1966]. [1966.] [74] p. il. 4° [Effective date Oct. 1, 1966; cancellation date Apr. 1, 1967. Issued in looseleaf form.] ‡ ● Item 431-D-1
FAA 3.8: F 11/964/ch.14

- 16952 International flight information manual, v. 14, Apr. 1966, amdt. 2; Oct. 1966. [1966.] [68] p. il. 4° (Flight Information Division, National Flight Data Center (AT-430).) [Issued in looseleaf form.] * Paper, \$1.25 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. ● Item 431-C-18
FAA 3.13: 14/amdt.2

- 16953 Service A weather schedules, 7330.5 [Change] 1; [July 15, 1966]. [1966.] [113] p. il. 4° [Effective date Oct. 1, 1966; cancellation date Dec. 1, 1966. Issued in looseleaf form.] ‡ ● Item 431-D-1
FAA 3.8: W 37/966/ch.1

APPRENTICESHIP AND TRAINING BUREAU, Labor Dept.
Washington, D.C. 20210

- 16954 Careers in apprenticeship. [1966.] 10 p. [Issued jointly by Education Office, Health, Education, and Welfare Dept., and Manpower Administration, Labor Dept.] ‡ ● Item 748 L 23.2: C 18/966

♣For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

ARMY DEPARTMENT, Defense Dept. Washington, D.C. 20310

AMC pamphlet. (Army Materiel Command.) ● Item 322-A

- 16955 700-2. Logistics: Guide for preparation and review of machine tool replacement analysis work sheets. July 1966. cover title, iii+6+77+[5] p. il. 4° [Issued with perforations.] ‡
L.C. card 66-65733 D 101.22/3:700-2

Cold Regions Research & Engineering Laboratory, Hanover, N.H.: Research report. (Army Materiel Command.)

- 16956 202. Heat of freezing and melting of sea ice [with list of literature cited]: by Duwayne Anderson. July 1966. iv+15+[2] p. il. 4° ‡
D 103.33/3:202

— Technical reports. (Army Materiel Command.) ‡ D 103.33:(nos.)

- 16957 12, v. 20. Bibliography on snow, ice and frozen ground, with abstracts [prepared by Frank M. Marson, and others]. June 1966. [1]+iv+342 p. 4° [Includes abstracts SIP 23001-24200.]
L.C. card 53-60024 rev.
- 16958 178. Defining cold regions of Northern Hemisphere [with list of literature cited]: by Roy B. Bates and Michael A. Billelo. June 1966. iv+11+[2] p. il. 4°

Field manual FM (series). ‡ ● Item 324

- 16959 19-1. Military police support, Army divisions and separate brigades [with list of references]. July 1966. cover title, 58 p. il. 4° [Issued with perforations.]
D 101.20:19-1

Pamphlets. ● Item 327

D 101.22:(nos.)

- 16960 210-1. United States Army installations and major activities in continental United States. Sept. 1966. cover title, 19 p. 4° [Issued with perforations. Supersedes DA pamphlet 210-1, Nov. 1, 1965.] * Paper, 20c.
L.C. card 55-63776
- 16961 550-104. Human factors considerations of undergrounds in insurgencies, primary research responsibility: [by] Andrew R. Molnar, with research collaboration of Jerry M. Tinker and John D. LeNoir. [1966.] x+291 p. il. 4° [Prepared by Special Operations Research Office, American University.] ‡
L.C. card 66-62974

- 16961A Proceedings of timers for ordnance symposium sponsored by Harry Diamond Laboratories, Nov. 15-16, 1966. v. 2 [with lists of literature cited]. [1966.] iv+342 p. il. 4° (Army Materiel Command, Harry Diamond Laboratories.) ‡ ● Item 359
L.C. card 66-62962 D 105.2:T 48/v.2

Technical manual TM (series). ● Item 329

D 101.11:(nos.)

- 16962 5-805-12. X-ray shielding [with list of references]. Aug. 1966. cover title, 22+[1] p. il. 4°. [Issued with perforations.] ‡
- 16963 5-886-3. Subsurface drainage facilities, emergency construction [with list of references]. Sept. 1966. cover title, 23+[1] p. il. 4° (Air Force manual, AFM 88-40, chap. 21.) [Issued in looseleaf form.] ‡
- 16964 5-892-6. Calculation methods for determination of depths of freeze and thaw in soils, emergency construction [with list of references]. Sept. 1966. cover title, 76 p. il. 4° (Air Force Dept.; Air Force manual AFM 88-40, chap. 46.) [Issued with perforations.] ‡
L.C. card 66-62951
- 16965 10-500-92. Airdrop of supplies and equipment: Rigging ENTAC missile system [with list of references]. Aug. 1966. cover title, 25+[1] p. il. 4° (Air Force Dept., Technical order TO 13C7-22-41.) [Issued in looseleaf form.] ‡
- 16966 10-1101. Petroleum handling equipment and operations, Change 2. Oct. 3, 1966. 1 p. 4° ‡

USAPRO technical research report. (Army Personnel Research Office.)

- 16967 1145. Human factors research in command information processing systems [with selected bibliography]: by S. Ringel, F. L. Vicino, and R. S. Andrews. Mar. 1966. [8]+22 p. il. 4° (Support Systems Research Laboratory; Army project 2J024701A723, command systems.) Φ (Price upon application, AD 634 313).
D 101.60/2:1145

*For Sale by Superintendent of Documents

‡Distribution Made by Issuing Office

‡Official Use. Not Available

ARMY MEDICAL SERVICE, Defense Dept.
Washington, D.C. 20310

- 16968 Annual report, Surgeon General, Army, fiscal year 1962; prepared and published by Historical Unit. [1966.] viii+201 p. il. ‡ ● Item 349-C
 L.C. card 56-60477 D 104.1: 962
- 16969 Medical Department, Army: Radiology in World War II [articles, with lists of references]; editor in chief, Arnold Lorentz Ahnfeldt, editor for radiology, Kenneth D. A. Allen, associate editor, Elizabeth M. McFetridge, Mindell W. Stein. 1966. xliii+1087 p. il. large 8° (Office of Surgeon General.) [Prepared by Historical Unit, Army Medical Service.] * Cloth, \$8.25. ● Item 352-A
 L.C. card 65-60003 D 104.11: R 11

ATOMIC ENERGY COMMISSION
Washington, D.C. 20545

AEC research and development reports. Y 3.At 7: 22/(letters-nos.)

- 16970 K-OA-1313. Tables of 10-10 uranium unit cost components. [1966.] cover title, [1]+87 p. 4° ([Union Carbide Corporation, Oak Ridge Gaseous Diffusion plant; contract W7405eng 26.]) ‡ Paper, \$3.00.
- 16971 NYO-3330-11. Nuclear radiation processing of optical maser materials; by Henry Sadowski, Kalman Held, James Beckerley. Mar. 17, 1966. cover title, vii+101 p. il. 4° (Radioptics, Inc., Plainview, N.Y.; [contract AT(30-1)-3330].) ‡ Paper, \$4.00.
- 16972 PNE-603F. Plowshare, peaceful uses for nuclear explosives. Plowshare program, Project Dugout, Nevada test site, June 24, 1964, final report: Surface motion measurements [with list of references: by] R. W. Terhune. Aug. 2, 1966. cover title, v+116 p. il. 4° (Lawrence Radiation Laboratory.) ‡ Paper, \$2.00.
- 16973 PNE-715F. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Sulky, Nevada test site, Dec. 18, 1964, final report: Off-site surveillance. Aug. 5, 1966. cover title, [2]+12 p. il. 4° (Public Health Service, [Southwestern Radiological Health Laboratory, memorandum of understanding SF 54 3731.]) ‡ Paper, \$1.00.
- 16974 PNE-717F. Same: On-site radiological safety; [compiled and edited by] Leslie McClendon. Aug. 5, 1966. cover title, [1]+vi+52 p. il. 4° (Reynolds Electrical & Engineering Co., Inc., Mercury, Nev.; contract AT (29-2)-162.) ‡ Paper, \$2.00.
- 16975 PNE-718F. Same: Federal Aviation Agency airspace advisory. Aug. 5, 1966. cover title, ii+7 p. il. 4° [Page 7, distribution list, is on p. 3 of cover.] ‡ Paper, \$1.00.
- 16976 TID-4577 (rev. 2). Descriptive cataloging guide. July 1966. cover title, ii+79 p. il. 4° ‡ Paper, \$1.00.
- 16977 Chemistry at Brookhaven, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at dedication of new chemistry building, Brookhaven National Laboratory, Upton, N.Y., Oct. 14, 1966. 1966. 14 p. 4° (S-35-66.) ‡ Y 3.At7: 34 Se 1/116
- 16978 1966 financial report. [1966.] vi+50 p. il. 4° (Office of Controller.) * Paper, 50c. ● Item 1051-M
 L.C. card 58-60169 Y 3.At7: 39/966
- 16979 Goals in public understanding of science, remarks by Glenn T. Seaborg, Chairman of Atomic Energy Commission at Arches of Science award banquet, Seattle, Wash., Oct. 19, 1966. 1966. 10 p. 4° (S-36-66.) ‡
- 16980 Nuclear fuel reprocessing, its role and responsibility, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at dedication of Nuclear Fuel Services, Inc., Nuclear Fuel Reprocessing Plant, West Valley, N.Y., Oct. 14, 1966. 1966. 5 p. 4° (S-34-66.) ‡ Y 3.At7: 34 Se 1/115
- 16981 Peaceful environment of the atom, remarks by Samuel M. Nabrit, Commissioner, Atomic Energy Commission, before Fourth Degree, Knights of Columbus of Northern Virginia, Arlington, Va., Oct. 8, 1966. 1966. 13 p. (S-33-66.) ‡ Y 3.At7: 34N11

‡For Sale by Clearinghouse, U.S. Department of
 Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

AVIATION MEDICINE OFFICE, Federal Aviation Agency Washington, D.C. 20553

Aviation medical report AM (series). Φ (Price upon application).

FAA 7.12: (nos.)

- 16982 66-17. Problems in aeromedical certification, cardiovascular response to exercise following myocardial infarction [with list of references; by] J. Naughton [and others]. June 1966. [4]+5+[2] p. il. 4°
- 16983 66-21. Clinical aviation medicine, physical-conditioning program for cardiac patients, progress report [with list of references; by] John Naughton, Michael T. Lategola, Kamal Shanbour. June 1966. [4]+9+[2] p. il. 4°
- 16984 66-27. Human factors in general aviation accidents [with list of references; by] J. Robert Dille, Edward W. Morris. July 1966. [4]+7+[2] p. il. 4°

BONNEVILLE POWER ADMINISTRATION, Interior Dept. Portland, Oreg. 97208

- 16985 Generation and sales statistics, fiscal year 1966. [Aug. 24, 1966.] 6 p. il. 4° ([Branch of Customer Service, Rates & Statistics.]) [Page 4-6 issued as leaves.] †
L.C. card 54-61687 I 44.8: 966

BUDGET BUREAU, Executive Office of the President Washington, D.C. 20503

- 16986 Federal planning-programming-budgeting system, remarks of Frank W. Krause, Bureau of Budget, at AFAFC and FGAA Accounting Symposium, Denver, Colo., Feb. 4, 1966. [1966.] 12+[3] leaves, 4° †
PrEx 2.15: K 86
- 16987 Instructions to travelers on use of foreign currencies in Burma, Brazil, Bolivia, Ceylon, Congo (Kinshasa), Finland, Guinea, India, Israel, Indonesia, Morocco, Poland, Pakistan, Paraguay, Sudan, Syria, Turkey, Tunisia, U.A.R. (Cairo), Yugoslavia. Aug. 1966. 4 p. il. † ● Item 856
PrEx 2.6: T 69/2

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, D.C. 20230

- 16988 Anti-friction bearings, manufacturers shipments unfilled orders, 1965; [prepared by General Industrial Equipment and Components Division]. [1966.] [2] p. oblong large 8° folded into 4° size. † Paper, 10c.
C 41.2: B 38/965
- 16989 BDSA Executive Reserve. [1966.] cover title, 16 p. narrow 8° †
● Item 215 C 41.2: Ex 3
- 16990 Guide to Negro marketing information: [prepared by Emmer Martin Lancaster]. Sept. 1966. v+50 p. ([Office of Marketing and Services.])
* Paper, 40c. ● Item 215-G
L.C. card 66-65715 C 41.6/9: N 31

CENSUS BUREAU, Commerce Dept. Suitland, Md. 20233

- 16991 Announcement and order form, 1963 census of manufactures, final subject reports. Sept. 1966. [2] p. narrow f° folded into oblong 48° size. (Series MC63 (1) ; Form BC-1362.) †
C 3.24/10: 963-3
- 1963 census of manufactures [Area statistics] MC63 (3)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 3, Area statistics.] ● Item 137 C 3.24/3: 963/(nos.)
- 16992 2. Alaska. [Aug. 1966.] cover title, vi+12 p. il. 4° * Paper, 25c.
- 16993 5. California. [Sept. 1966.] cover title, vi+40 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c.
- 16994 22. Massachusetts. [Sept. 1966.] cover title, vi+32 p. il. 4° * Paper, 35c.
- 16995 35. North Dakota. Sept. 1966. cover title, vi+16 p. il. 4° * Paper, 25c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

— [Special report] MC63(S)-(series). • Item 135

C 3.24/15:963:(nos.)

- 16996 4.7. Location of manufacturing plants by county, industry and employment size: pt. 7, West South Central division; Arkansas, Louisiana, Oklahoma, Texas. [Aug. 1966.] cover title, iv+71 p. 4° * Paper, 50c.
L.C. card A66-7828
- 16997 4.9. Location of manufacturing plants by county, industry, and employment size: pt. 9, Pacific division, Washington, Oregon, California, Alaska, Hawaii. [Aug. 1966.] cover title, iv+55 p. 4° * Paper, 45c.
L.C. card A66-7828

16998 1963 census of transportation: v. 3, Commodity transportation survey.

• Item 160-D

pt. 1. Commodity groups. [Oct. 1966.] cover title, ii+137 p. il. 4° (TC63-C3-1; [Transportation Division].) * Paper, \$1.00.
L.C. card A65-7762 C 3.233/3:963/v. 3/pt. 1

County business patterns, CBP (series). [Prepared in cooperation with Social Security Administration.] • Item 133-A

L.C. card 49-45747

C 3.204:(nos.)

- 16999 65-4. Arizona, 1965. [Sept. 1966.] cover title, viii+33 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c.
- 17000 65-20. Louisiana, 1965. [Oct. 1966.] cover title, viii+79 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c.
- 17001 65-28. Montana, 1965. [Sept. 1966.] cover title, viii+35 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c.
- 17002 65-31. New Hampshire, 1965. [Aug. 1966.] cover title, viii+28 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c.
- 17003 65-38. Oklahoma, 1965. [Oct. 1966.] cover title, viii+72 p. il. 4° [Text on p. 2 of cover.] * Paper, 55c.
- 17004 65-46. Utah. [Sept. 1966.] cover title, viii+33 p. il. 4° [Text on p. 2 of cover.] * Paper, 40c.
- 17005 65-47. Vermont. [Aug. 1966.] viii+23 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c.

17006 Current industrial reports: Clay construction products, summary for 1965, Change sheet. Sept. 12, 1966. 3 p. 4° (Series M32D(65)-13.) †
• Item 142-A C 3.158: M32D(65)-13/ch.

Current population reports: Series P-20, Population characteristics. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. • Item 142-C

17007 153. Household and family characteristics, Mar. 1965. Aug. 5, 1966. cover title, ii+30 p. 4° * Paper, 25c.
C 3.186: P-20/153

— Series P-25, Population estimates. * Paper, \$4.00, including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. • Item 142-C

C 3.186: P-25/(nos.)

- 17008 349. Estimates of population of United States, Jan. 1, 1950-Aug. 1, 1966. Sept. 19, 1966. 2 p. 4°
- 17009 350. Estimates of population of States, by age, July 1, 1965, with provisional estimates for July 1, 1966. Oct. 5, 1966. 4 p. il. 4°

— Series P-28, Special censuses. * Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c. • Item 142-C

C 3.186: P-28/(nos.)

NOTE.—Only the summaries for Series P-28 are included in the subscription. Censuses for individual cities and towns are sold by the Census Bureau at the prices indicated.

- 17010 1434. Summary of special censuses conducted by Bureau of Census between April 1 and June 30, 1966. Oct. 11, 1966. 5 p. 4°
- 17011 1435. Special census of Erie County, N.Y., Apr. 18, 1966. Oct. 21, 1966. 103 p. 4° † Paper, \$1.00.

Series ISPO 1. (International Statistical Programs Office.)

- 17012 no. 1-F. Atlantida, case study in household sample surveys: Unit 5, pt. A, Field operations, organization, training, and control. [Sept. 1966.] cover title, iv+140 p. il. 4° [Prepared under auspices of Agency for International Development, Department of State, as contribution to Alliance for Progress program.] † Paper, \$1.50. • Item 146-F
L.C. card A 65-7977 C 3.205/3: 1/no. 1-F

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Supplement to Congressional district data book [districts of 88th Congress], redistricted States. † ● Item 151

L.C. card A 63-7725

C 3.134/2: C 76/963/supp. (nos.)

- 17013 11. Idaho, districts of 90th Congress. June 1966. 6 p. il. 4° †
- 17014 22. Kentucky, districts of 90th Congress. July 1966. 10 p. il. 4°
- 17015 23. North Carolina, districts of 90th Congress. July 1966. 9 p. il. 4°
- 17016 24. Missouri, districts of 90th Congress. Aug. 1966. 12 p. il. 4°
- 17017 25. Ohio, districts of 90th Congress. Aug. 1966. 21 p. il. 4°

- 17018 U.S. commodity exports and imports as related to output 1964 and 1963 series ES 2, no. 7. [1966.] iii+116 p. il. 4° * Paper, 60c. ● Item 160-B

L.C. card A 62-9090

C 3,229: 7

United States maps, GE-50 (series).

- 17019 11. Congressional districts for 90th Congress (includes redistricting action to Sept. 1, 1966); prepared by Geography Division. Scale 500 m.=6.2 in. 1966. 30 x 42 in. [Albers equal area projection. Congressional district boundaries and numbers from laws supplied by Office of Secretary of State for each State. Issued in colors.] * Paper, 50c.
L.C. card Map 66-518

C 3.62/4: 11

CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, D.C. 20310

- 17020 Federal civil defense guide: pt. D., chap. 2, app. 2, annex 1, Standard fallout shelter supplies for approved OCD training courses. Sept. 1966. 4 p. 4° [Issued in looseleaf form.] † ● Item 320-B-3

D 119.8/4: pt. D/chap. 2/app. 2/annex 1

- 17021 — pt. E, chap. 5, app. 10, Peacetime radiological incidents (including Annexes 1-4). June 1966. [88] p. il. 4° [Issued in looseleaf form.] † ● Item 320-B-3

L.C. card 65-61505

D 119.8/4: pt. E/chap. 5/app. 10

- 17022 — pt. F, chap. 3, Industrial civil defense. Aug. 1966. [1]+7 p. 4° [Issued in looseleaf form.] † ● Item 320-B-3

D 119.8/4: pt. F/chap. 3

FG (series). † ● Item 320-B-3

D 119.8/3: (letters-nos.)

- 17023 E-13.4. Emergency welfare services manual: Emergency feeding; [prepared by Department of Health, Education, and Welfare, Welfare Administration, Bureau of Family Services and Children's Bureau]. June 1966. iv+10 p. 4° [Text on p. 2 of cover.]

- 17024 E-13.6. Same: Emergency welfare registration and inquiry; prepared by Department of Health, Education, and Welfare, Welfare Administration, Bureau of Family Services, and Children's Bureau. Sept. 1966. iv+13 p. 4° [Issued with perforations.]

- 17025 F-3.3. Industrial civil defense workbook, 1st steps to company survival. [Revised May 1966.] [1966.] iii+28 p. il. [Poster: Civil defense emergency instructions, 6x9 in., attached to p. 2 of cover.]

- 17026 F-3.10. Industrial civil defense management, special instruction for business and industrial executives, OCD Staff College, Battle Creek, Mich. May 1966. [2]+4+[2] p. 4°

[Handbook] H (series). †

D 119.8/2: (nos.)

- 17027 11-B. Organization and use of Community Shelter Planning Policy Council and Technical Advisory Committee [with list of suggested additional reading]; prepared by David S. Brown. [June 1966.] 39 p. il. 12° [Title on cover is: Committees for community shelter planning. Page 39, last page of text, appears on p. 3 of cover.] ● Item 857-D-10

- 17028 15. Basic course in emergency mass feeding [with reference and reading list on emergency mass feedings]. Aug. 1966. [1]+182 p. il. ([ARC-2219A.]) [Developed jointly by Department of Defense, Office of Civil Defense, American National Red Cross, and Welfare Administration, Department of Health, Education, and Welfare. Supersedes PM-1, Jan. 1957.] ● Item 857-D-10

Miscellaneous publication MP (series). ● Item 857-D-11

- 17029 6. Civil defense motion picture catalog. Sept. 1966. [1]+38 p. [Supersedes MP-6, May 1965.] †

L.C. card 59-62340

D 119.11: 6/2

Student manual SM (series). † ● Item 320-B-1

D 119.8/8: (nos.)

- 17030 2.1.2. Nuclear weapons effects (self-teaching materials). July 1966. cover title, 120 p. 4° [Issued with perforations.]
L.C. card 66-62952

***For Sale by Superintendent of Documents**

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17031 2.1.3. Reading phase 2 printout (self-teaching materials). July 1966. cover title, iv+111 p. il. 4° [Issued with perforations. For use with DOD-OCD publication entitled National fallout shelter survey (report formats and descriptions of content), phase 2, Nov. 1962.]

Technical report TR (series). ● Item 320-B-2

- 17032 39. Fallout shelters. Dec. 1966. 8 p. il. 4° ([Sweets' catalog.]) †
D 119.9 : 39

CIVIL SERVICE COMMISSION
Washington, D.C. 20415

- 17033 Amendment to announcement 326B, safety officers (grades 9-12, \$7,696 to \$10,927). Oct. 11, 1966. 1 p. 4° [Amends issue 173 of AN 2279. Cancels amendment dated Apr. 19, 1966.] † CS 1.26 : 964/326B/amdt.-2
- 17034 Amendment to announcement 350B, mineral specialist (grades 5-12, \$5,331-\$10,927). Oct. 25, 1966. 1 p. oblong 48° † CS 1.26 : 965/350B/amdt.
- 17035 Announcements WA-6-06 (local), applications continuously accepted for jobs in trades and crafts, equipment operation and repair, at journeyman and junior levels, and for blue collar helper, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E. St., NW., Washington, D.C. 20415. Oct. 25, 1966. 4 p. 4° † ● Item 292
CS 1.26/4 : 966/WA-6-06
- 17036 Announcing examination for accountant and auditor, \$6,211 and \$7,090 a year (grade GS-5 and GS-7), announcement 188 (revised). Mar. 17, 1959, revised July 1966. [1966.] 8 p. 4° [No closing date.] †
● Item 292 CS 1.26 : 959/188/rev.-6
- 17037 Announcing examination for auditor for duty with Army Audit Agency, Auditor General, Navy, Auditor General, Air Force, Auditor General, Defense Supply Agency, Defense Contract Audit Agency, nationwide and overseas and with other Federal Agencies in Washington, D.C., metropolitan area, salaries, grade GS-9, \$7,957, grade GS-11, \$9,221, grade GS-12, \$10,927, announcement 275B. Feb. 13, 1962, revised Oct. 1966. [1966.] 6 p. 4° [No closing date.] † ● Item 292
CS 1.26 : 962/275B/rev.-4

Civil service handbook.

- 17038 X-118. Qualification standards for classification act positions. [Apr. 1951], reprinted July 1966. cover title, [1080] p. 4° [Includes all changes made in transmittal sheets 1-99. Issued in looseleaf form.] * Paper, \$9.00 including basic handbook and transmittal sheets for an indefinite period, \$3.00 additional for foreign mailing. ● Item 290-A
L.C. card 66-65753 CS 1.45 : X-118/rep. 966
- 17039 Current Federal examination announcements, AN 2279, issue 174, Nov.-Dec. 1966. [1966.] [2] p. f°, folded into narrow 8° size. † ● Item 292
CS 1.28 : 2279/174

Federal employee facts.

- 17040 6. You and the public, servants of the people. Sept. 1966. [6] p. il. narrow 8°
* Paper, \$2.50 per 100, single copy 5c. ● Item 293-A CS 1.59 : 6

Federal personnel manual system, FPM supplement. ● Item 294

- 17041 990-3. National emergency standby regulations and instructions, personnel and manpower. Oct. 1966. [97] p. 4° [Issued in looseleaf form.]
* Paper, \$1.50 (including basic volume and supplementary material for an indefinite period) ; 50c. additional for foreign mailing.
L.C. card 63-62418 rev. CS 1.41/4 : 990-3
- 17042 Local and regional civil service examinations offering best job opportunities, AN 2280 [issue 122], Nov.-Dec. 1966. [1966.] [2] p. oblong f°, folded into narrow 8° size. † ● Item 292 CS 1.28 : 2280/122
- 17043 Manual on fund-raising within Federal service for voluntary health and welfare agencies. May 1963, [reprinted July 1966]. [72] p. 4° (Office of Chairman.) [Includes Changes 1-7. Issued in looseleaf form. Text on p. 2 of cover. The last 4 pages are blank for notes.] * Paper, \$1.50 (including basic manual and supplementary material for an indefinite period.) ; 50c. additional for foreign mailing. ● Item 296-B
CS 1.7/5 : 963/rep.

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Pamphlets. † ● Item 299

CS 1.48: (nos.)

- 17044 5. Thinking about your first job? remember Uncle Sam when it comes to choosing an employer. July 1966. [2] p. oblong 8°, folded into oblong 32° size.
- 17045 12. Veteran preference in Federal employment, handbook for veteran counselors. Sept. 1966. cover title, [2] leaves+38+[1] p. narrow 8° L.C. card 43-50802
- 17046 Sample questions, AN 3626. July 1966. 6 p. 4° [For stenographer and typist examination.] † ● Item 292 CS 1.28: 3626/2
- 17047 Stenographer & typist for positions in Washington, D.C. metropolitan area, including trainee level positions, starting salaries, \$75 and \$92 a week for stenographers, \$69 and \$82 a week for typists, announcement WA-08-6 (local). Sept. 27, 1966. 6 p. 4° il. 4° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Applications continuously accepted.] † ● Item 292 CS 1.26/4: 966/W-08-6
- 17048 Summer employment opportunities in Federal Government, office and science assistant examination for 1967, announcement 401. Sept. 23, 1966. 6 p. 4° [Closing date Jan. 9, 1967.] † ● Item 292 CS 1.26: 966/401
- 17049 Suspension notice to announcement 324B, program specialist and advisor (\$7,479 to \$17,055, grades 9-15). Oct. 25, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners.) [Amends issue 173 and 174 of AN 2279.] † CS 1.26: 964/324B/notice

COAST AND GEODETIC SURVEY, Commerce Dept. Washington, D.C. 20230

Technical bulletin. ● Item 192-A

- 17050 31. Automatic Standard Magnetic Observatory; [by] L. R. Alldredge and I. Saldukas. June 1966. [2]+35 p. il. 4° * Paper, 25c. C 4.41/2: 31
- 17051 United States earthquakes, 1964; by Carl A. Von Hake and William K. Cloud. 1966. iv+91 p. il. 4° * Paper, 55c. ● Item 208 L.C. card 30-27161 C 4.25/2: 964

COAST GUARD, Treasury Dept. Washington, D.C. 20226

- 17052 Cadet profile, U.S. Coast Guard Academy, 1966-67. [1966.] 8 p. il. narrow large 8° [Based on data for Class of 1970, prepared by Director of Admissions, for use of secondary school guidance counselors.] † ● Item 934 T 47.2: C 11/966-67

COMMERCE DEPARTMENT Washington, D.C. 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 17053 Address by Secretary of Commerce John T. Connor prepared for delivery to 73d annual conference, International Association of Chiefs of Police, Philadelphia, Pa., Oct. 4, 1966. [1966.] 15 leaves, 4° (USCOMM-DC-38226.) † C 1.18: C 76/84
- 17054 Electromagnetic spectrum utilization, the silent crisis, report on telecommunication science and Federal Government [with list of references]; by Telecommunication Science Panel of Commerce Technical Advisory Board. Oct. 18, 1966. v+44+[43] p. il. 4° [Prepared in cooperation with Office of Director of Telecommunications Management, Federal Communications Commission, and Department of Defense.] † ● Item 128 L.C. card 66-65716 C 1.2: E12

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Overseas business reports OBR (series). [Issued irregularly.] * Paper, \$13.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50: (nos.)

- 17055 66-59. Foreign trade regulations of United Arab Republic; prepared by Helen D. Grayson. Sept. 1966. 7 p. 4° (Bureau of International Commerce.) [Supersedes OBR 63-143.]
- 17056 66-61. Foreign trade regulations of Portugal; prepared by Wilford J. Lee. Oct. 1966. 8 p. 4° [Supersedes WTIS pt. 2. nos. 55-109, 61-41, and 62-53.]
- 17057 66-63. Foreign trade regulations of Sudan; prepared by Daniel E. Gardner. Oct. 1966. 7 p. 4° (Bureau of International Commerce.) [Supersedes WTIS pt. 2. nos. 61-21, 61-23, and 61-61.]
- 17058 66-65. Government procurement practices in selected African countries; prepared in Africa Division, Office of International Regional Economics. Oct. 1966. 12 p. 4° (Bureau of International Commerce.) [Includes lists, with addresses and telephone numbers, of United States embassies in pertinent African countries and of all African embassies in United States. Issued with perforations.]
- 17059 Patents and spread of technology, [address by] J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, prepared for delivery at International Patents Conference, National Association of Manufacturers, Washington, D.C., Oct. 11, 1966. 1966. 10 p. 4° † C 1.18: H 72/23
- 17060 Remarks by Lowell K. Bridwell, Deputy Under Secretary of Commerce for Transportation, prepared for delivery at 19th annual convention of Airport Operators Council International, Oct. 12, 1966, Phoenix, Ariz. 1966. 6 p. 4° (USCOMM-DC-3334.) † C 1.18: B 76/21
- 17061 Remarks by Secretary of Commerce John T. Connor prepared for delivery at opening of Progress of Industry through Patents exhibit in main lobby, Department of Commerce, Oct. 11, 1966. 1966. 5 leaves, 4° (USCOMM-DC-38239.) † C 1.18: C 76/88
- 17062 Remarks by Secretary of Commerce John T. Connor prepared for delivery to U.S. Travel Service State Liaison Officers, Washington, D.C., Oct. 7, 1966. [1966.] 7 leaves, 4° † C 1.18: C 76/85

COMMODITY CREDIT CORPORATION, Agriculture Dept.
Washington, D.C. 20250

- 17063 Commodity Credit Corporation charts, providing graphic summary of operations, June 30, 1965. Mar. 1966. cover title, v+67 p. il. 4° † L.C. card 52-61001 A 82.311: 965

CONGRESS

- 17064 Congressional record, proceedings and debates of 89th Congress, 1st session, v. 111, pt. 20, Oct. 8-20, 1965. [Permanent edition.] 1965. [1]+26379-27800 p. 4° * Cloth. \$4.75. ● Item 993 X.89/1: 111/pt.20
L.C. card 12-36438
- NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.
- 17065 Memorial services held in House of Representatives and Senate of United States, together with remarks presented in eulogy of Herbert C. Bonner, late Representative from North Carolina, 89th Congress, 2d session. 1966. v+[1]+74 p. 1 por. † ● Item 1005 Y 7.1: B 641
L.C. card 66-62936

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
● Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Private laws, 89th Congress. † House or Senate Document Rooms, Capitol.

- 17066 260. H.R. 11227, act to authorize Eugene J. Keogh, of New York, Member of House of Representatives, to accept Order of Isabella the Catholic. Approved July 4, 1966. 1 p.
- 17067 343. S. 196, act for relief of Georges Fraise. Approved Oct. 8, 1966. 1 p.
- 17068 344. S. 373, act for relief of Victor M. Ubieta. Approved Oct. 8, 1966. 1 p.
- 17069 345. S. 2295, act for relief of Guiseppe Rubino. Approved Oct. 8, 1966. 1 p.
- 17070 346. S. 1468, act for relief of Dorothy Eyre. Approved Oct. 10, 1966. 1 p.
- 17071 347. S. 2091, act for relief of Joaquin U. Villagomez. Approved Oct. 10, 1966. 1 p.
- 17072 348. S. 3500, act to authorize the President to advance Major General Robert Wesley Colglazier, jr., to grade of Lieutenant general. Approved Oct. 14, 1966. 1 p.
- 17073 349. S. 405, act for relief of Gabriel A. Nahas and Vera Nahas. Approved Oct. 15, 1966. 1 p.
- 17074 350. S. 1275, act to authorize and direct Secretary of Treasury to cause vessel *Etra L.*, owned by Harold Bunker, of Matineus, Maine, to be documented as vessel of United States with coastwise privileges. Approved Oct. 15, 1966. 1 p.
- 17075 351. S. 2106, act for relief of Jose Joaquin Diaz Franquiz. Approved Oct. 15, 1966. 1 p.
- 17076 352. S. 2457, act for relief of Jorge Ajbuszys Volsky. Approved Oct. 15 1966. 1 p.
- 17077 353. S. 2587, act for relief of Hilda W. Perez de Gonzales. Approved Oct. 15, 1966. 1 p.
- 17078 354. S. 2640, act for relief of Guillermo Rodriguez. Approved Oct. 15, 1966. 1 p.
- 17079 355. S. 1278, act for relief of Ezzat N. Asaad. Approved Oct. 15, 1966. 1 p.
- 17080 356. S. 2739, act for relief of Blanche L. Asaad. Approved Oct. 15, 1966. 1 p.
- 17081 357. S. 2761, act for relief of Julio Sanguily, jr. Approved Oct. 15, 1966. 1 p.
- 17082 358. S. 2771, act for relief of Hazel Louise Schuman Strunk. Approved Oct. 15, 1966. 1 p.
- 17083 359. S. 3106, act for relief of Alberto L. Martinez. Approved Oct. 15, 1966. 1 p.
- 17084 360. S. 3238, act for relief of Matsue Sato. Approved Oct. 15, 1966. 1 p.
- 17085 361. H.R. 3104, act to authorize Secretary of Interior to convey certain lands in Plumas County, Calif., to C. A. Lundy, and for other purposes. Approved Oct. 15, 1966. 1 p.
- 17086 362. H.R. 5213, act for relief of Winston Lloyd McKay. Approved Oct. 15, 1966. 1 p.
- 17087 363. H.R. 5912, act for relief of estates of certain former members of U.S. Navy Band. [Approved Oct. 15, 1966.] 2 pp.
- 17088 364. H.R. 9520, act to authorize Secretary of Interior to convey certain lands in Inyo County, Calif., to personal representative of estate of Gwilym L. Morris, Dolores G. Morris, George D. Ishmael, and Verna H. Ishmael. Approved Oct. 15, 1966. 1 p.
- 17089 365. H.R. 14754, act to authorize Secretary of Interior to reinstate certain oil and gas lease. Approved Oct. 15, 1966. 1 p.
- 17090 366. S. 1375, act providing method for determining amount of compensation to which certain individuals are entitled as reimbursement for damages sustained by them due to cancellation of their grazing permits by Air Force. Approved Oct. 16, 1966. 1 p.

Public laws, 89th Congress. • Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C. 20402, at a subscription price of \$12.00 per session, \$2.00 additional for foreign mailing; single copies vary in price.

- 17091 514. H.J. Res. 1178, joint resolution to authorize Commissioners of District of Columbia to promulgate special regulations for period of 93d annual session of Imperial Council, Ancient Arabic Order of Nobles of Mystic Shrine for North America, to be held in Washington, D.C., in July 1967, to authorize granting of certain permits to Imperial Shrine Convention, 1967, Incorporated, on occasions of such sessions, and for other purposes. [Approved July 19, 1966.] 3 p. * Paper, 5c.
- 17092 522. S. 3093, act to amend acts of Mar. 3, 1931, and Oct. 9, 1962, relating to furnishing of books and other materials to blind so as to authorize furnishing of such books and other materials to other handicapped persons. [Approved July 30, 1966.] 2 p. * Paper, 5c.
- 17093 524. S. 2948, act to set aside certain lands in Montana for Indians of Confederated Salish and Kootenai Tribes of Flathead Reservation, Mont. [Approved Aug. 1, 1966.] 2 p. * Paper, 5c.
- 17094 525. S. 2822, act to amend various provisions of laws administered by Farm Credit Administration to improve operations thereunder, and for other purposes. [Approved Aug. 2, 1966.] 2 p. * Paper, 5c.
- 17095 526. H.R. 8317, act to amend sec. 116 of title 28, United States Code, relating to United States District Court for eastern and western districts of Oklahoma. Approved Aug. 4, 1966. 1 p. * Paper, 5c.
- 17096 528. H.R. 14324, act to authorize appropriations to National Aeronautics and Space Administration for research and development, construction of facilities, and administrative operations, and for other purposes. [Approved Aug. 5, 1966.] 4 p. * Paper, 5c.
- 17097 540. H.R. 15485, act to authorize exchange of certain fluor spar and ferromanganese held in national and supplemental stockpiles. Approved Aug. 19, 1966. 1 p. * Paper, 5c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17098 547. H.J. Res. 1207, joint resolution to authorize Administrator of General Services to accept title to John Fitzgerald Kennedy Library, and for other purposes. Approved Aug. 27, 1966. 1 p. * Paper, 5c.
- 17099 560. S. 902, act to provide that Secretary of Agriculture shall conduct soil survey program of Department of Agriculture so as to make available soil surveys needed by States and other public agencies, including community development districts, for guidance in community planning and resource development, and for other purposes. [Approved Sept. 7, 1966.] 2 p. * Paper, 5c.
- 17100 566. S. 3688, act to stimulate flow of mortgage credit for Federal Housing Administration and Veterans' Administration assisted residential construction. Approved Sept. 10, 1966. 1 p. * Paper, 5c.
- 17101 571. H.R. 3999, act to provide same life tenure and retirement rights for judges hereafter appointed in United States District Court for District of Puerto Rico as judges of all other United States district courts now have. Approved Sept. 12, 1966. 1 p. * Paper 5c.
- 17102 573. H.R. 12328, act to extend for 3 years period during which certain extracts suitable for tanning may be imported free of duty. Approved Sept. 13, 1966. 1 p. * Paper 5c.
- 17103 575. H.R. 12461, act to continue for temporary period existing suspension of duty on certain Istle. Approved Sept. 13, 1966. 1 p. * Paper, 5c.
- 17104 576. H.R. 13284, act to redefine eligibility for membership in AMVETS (American Veterans of World War II). Approved Sept. 14, 1966. 1 p. * Paper, 5c.
- 17105 583. H.R. 15750, act to amend further Foreign assistance act of 1961, as amended, and for other purposes. [Approved Sept. 19, 1966.] 13 p. * Paper, 10c.
- 17106 585. H.R. 8058, act to amend sec. 4 of District of Columbia income and franchise tax act of 1947. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 17107 592. S. 3354, act to amend law establishing revolving fund for expert assistance loans to Indian tribes. Approved Sept. 19, 1966. 1 p. * Paper, 5c.
- 17108 594. H.R. 10823, act relating to credit life insurance and credit health and accident insurance with respect to student loans. Approved Sept. 20, 1966. 1 p. * Paper 5c.
- 17109 595. S.J. Res. 178, joint resolution to delete interest rate limitation on debentures issued by Federal intermediate credit banks. Approved Sept. 20, 1966. 1 p. * Paper, 5c.
- 17110 611. H.J. Res. 1308, joint resolution making continuing appropriations for fiscal year 1967 and for other purposes. Approved Sept. 30, 1966. 1 p. * Paper, 5c.
- 17111 612. H.R. 16330, act to provide for extension and expansion of program of grants-in-aid to Republic of Philippines for hospitalization of certain veterans, and for other purposes. [Approved Sept. 30, 1966.] 2 p. * Paper, 5c.
- 17112 613. H.R. 16367, act to extend benefits of War orphans' educational assistance program to children of those veterans of Philippine Commonwealth Army who died or have become permanently and totally disabled by reason of their service during World War II, and for other purposes. [Approved Sept. 30, 1966.] 2 p. * Paper, 5c.
- 17113 615. S. 3261, act to authorize Secretary of Interior to convey certain lands in State of Maine to Mount Desert Island Regional School District. Approved Oct. 3, 1966. 1 p. * Paper, 5c.
- 17114 616. S. 3510, act to authorize Secretary of Interior to study feasibility and desirability of Connecticut River National Recreation Area in States of Connecticut, Massachusetts, Vermont, and New Hampshire, and for other purposes. [Approved Oct. 3, 1966.] 2 p. * Paper, 5c.
- 17115 617. S. 1474, act to create bipartisan commission to study Federal laws limiting political activity by officers and employees of Government. [Approved Oct. 3, 1966.] 3 p. * Paper, 5c.
- 17116 618. S. 2287, act to authorize 5-year hydrologic study and investigation of Delmarva Peninsula. [Approved Oct. 4, 1966.] 2 p. * Paper, 5c.
- 17117 619. S. 3353, act to amend Trading with the enemy act to provide for transfer of 3 paintings to Federal Republic of Germany in trust for Weimar Museum. Approved Oct. 4, 1966. 1 p. * Paper, 5c.
- 17118 621. H.R. 483, act to amend sec. 2056 of Internal revenue code of 1954 relating to effect of disclaimers on allowance of marital deduction for estate tax purposes, and for other purposes. [Approved Oct. 4, 1966.] 2 p. * Paper, 5c.
- 17119 623. H.R. 7850, act to amend sec. 1822(a) of title 38, United States Code, to extend provisions for treble-damage actions to direct loan and insured loan cases. Approved Oct. 4, 1966. 1 p. * Paper, 5c.
- 17120 624. H.R. 9976, act to amend act of Sept. 2, 1964. Approved Oct. 4, 1966. 1 p. * Paper, 5c.
- 17121 625. H.R. 11927, act to authorize Administrator of Veterans' Affairs to permit deduction by brokers of certain costs and expenses from rental collections on properties acquired under veterans' loan programs. Approved Oct. 4, 1966. 1 p. * Paper, 5c.
- 17122 627. H.R. 12119, act to authorize Commissioners of District of Columbia to replace existing Fourteenth Street Bridge, also known as Highway Bridge, across Potomac River, and for other purposes. Approved Oct. 4, 1966. 1 p. * Paper, 5c.
- 17123 628. H.R. 16940, act to amend provisions of act of Apr. 8, 1935, relating to Board of Trustees of Trinity College of Washington, District of Columbia. Approved Oct. 14, 1966. 1 p. * Paper, 5c.
- 17124 629. H.R. 13012, act to provide for conveyance of certain real property to Biloxi, Miss. Approved Oct. 4, 1966. 1 p. * Paper, 5c.

GOVERNMENT PUBLICATIONS

Public laws, 89th Congress—Continued

- 17125 632. S. 2393, act to provide for additional positions in certain departments and agencies, and for other purposes. [Approved Oct. 8, 1966.] 2 p. * Paper, 5c.
- 17126 633. H.R. 15510, act to amend Consolidated Farmers Home Administration act of 1961 to authorize Secretary of Agriculture to hold prepayments made to Secretary by insured loan borrowers and transmit them to holder of note in installments as they become due. Approved Oct. 8, 1966. 1 p. * Paper, 5c.
- 17127 635. S. 1356, act to amend judicial code to permit Indian tribes to maintain civil actions in Federal district courts without regard to \$10,000 limitation, and for other purposes. Approved Oct. 10, 1966. 1 p. * Paper, 5c.
- 17128 636. H.R. 14019, act to amend Foreign Service buildings act, 1926, to authorize additional appropriations, and for other purposes. [Approved Oct. 10, 1966.] 2 p. * Paper, 5c.
- 17129 637. S.J. Res. 197, joint resolution to extend authority of Postmaster General to enter into leases of real property for periods not exceeding thirty years, and for other purposes. Approved Oct. 10, 1966. 1 p. * Paper, 5c.
- 17130 638. S. 2070, act to provide for holding terms of United States District Court for district of South Dakota at Rapid City. Approved Oct. 10, 1966. 1 p. * Paper, 5c.
- 17131 639. H.R. 16608, act to amend charter of Southeastern University of District of Columbia. Approved Oct. 10, 1966. 1 p. * Paper, 5c.
- 17132 640. S. 2540, act to authorize conclusion of agreement for joint construction by United States and Mexico of international flood control project for Tijuana River in accordance with provisions of treaty of Feb. 3, 1944, with Mexico, and for other purposes. Approved Oct. 10, 1966. 1 p. * Paper, 5c.
- 17133 643. S. 3080, act to amend sec. 8 of Revised organic act of Virgin Islands to increase special revenue bond borrowing authority, and for other purposes. Approved Oct. 13, 1966. 1 p. * Paper, 5c.
- 17134 644. H.R. 10860, act to amend Connally hot oil act by exempting States from certain provisions thereof. Approved Oct. 13, 1966. 1 p. * Paper, 5c.
- 17135 645. S. 3830, act to amend Atomic energy act of 1954, as amended. [Approved Oct. 13, 1966.] 3 p. * Paper, 5c.
- 17136 647. S. 3096, act to amend Federal airport act to extend time for making grants thereunder, and for other purposes. [Approved Oct. 31, 1966.] 2 p. * Paper, 5c.
- 17137 650. H.R. 9916, act to amend title 10, United States Code, with respect to nomination and selection of candidates for appointment to Military, Naval, and Air Force Academies, and for other purposes. [Approved Oct. 13, 1966.] 2 p. * Paper, 5c.
- 17138 651. H.R. 8664, act to implement agreement on importation of educational scientific, and cultural materials, opened for signature at Lake Success Nov. 22, 1950, and for other purposes. [Approved Oct. 14, 1966.] 6 p. * Paper, 5c.
- 17139 652. H.R. 5297, act to amend title 10, United States Code, to limit revocation of retired pay of members of Armed Forces, and for other purposes. [Approved Oct. 14, 1966.] 2 p. * Paper, 5c.
- 17140 653. H.R. 8034, act authorizing Secretary of Health, Education, and Welfare to make certain grants to Menominee Indian people of Menominee County, Wis., and for other purposes. Approved Oct. 14, 1966. 2 p. * Paper, 5c.
- 17141 658. S. 2218, act to establish contiguous fishery zone beyond territorial sea of United States. Approved Oct. 14, 1966. 1 p. * Paper, 5c.
- 17142 659. H.R. 7466, act to provide for disposition of funds appropriated to pay judgments in favor of Miami Indians of Indiana and Oklahoma, and for other purposes. [Approved Oct. 14, 1966.] 2 p. * Paper, 5c.
- 17143 660. H.R. 10747, act to provide for disposition of funds appropriated to pay judgment in favor of Duwamish Tribe of Indians in Indian Claims Commission docket numbered 109, and for other purposes. Approved Oct. 14, 1966. 1 p. * Paper, 5c.
- 17144 661. H.R. 10674, act to provide for disposition of funds appropriated to pay judgment in favor of Otoe and Missouri Tribe of Indians, and for other purposes. Approved Oct. 14, 1966. 1 p. * Paper, 5c.
- 17145 663. H.R. 3596, act to provide for disposition of judgment funds to credit of Skokomish Tribe of Indians. Approved Oct. 14, 1966. 1 p. * Paper, 5c.
- 17146 680. H.R. 266, act to amend sec. 404 and 406 of title 37, United States Code, relating to travel and transportation allowances of certain members of uniformed services who are retired, discharged, or released from active duty. [Approved Oct. 15, 1966.] 2 p. * Paper, 5c.
- 17147 681. H.R. 1665, act to amend title 28, entitled Judiciary and judicial procedure, of United States Code to provide for reporting of congressional reference cases by commissioners of Court of Claims. [Approved Oct. 15, 1966.] 2 p. * Paper, 5c.
- 17148 682. H.R. 3314, act to require premarital examinations in District of Columbia, and for other purposes. [Approved Oct. 15, 1966.] 2 p. * Paper, 5c.
- 17149 683. H.R. 17119, act to amend title 10, United States Code, to permit members of Armed Forces to be assigned or detailed to Environmental Science Services Administration, Department of Commerce. Approved Oct. 15, 1966. 1 p. * Papers, 5c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

ATOMIC ENERGY JOINT COMMITTEE
Washington, D.C. 20515

- 17150 Proposed large-scale combination nuclear power-desalting project, hearing, 89th Congress, 2d session, on H.R. 17558 and S. 3807, Sept. 14, 1966. iv+110 p. il. * Paper, 35c. ● Item 999
L.C. card 66-62607 Y 4.At 7/2: N 88/5

ECONOMIC JOINT COMMITTEE
Washington, D.C. 20510

- 17151 Automation and technology in education, report of Subcommittee on Economic Progress, Aug. 1966. 1966. v+11 p. (Joint Committee print, 89th Congress, 2d session.) * Paper, 10c. ● Item 1000
L.C. card 66-62496 Y 4.Ec 7: Ed 8/2
- 17152 New approach to United States international economic policy, hearing before Subcommittee on International Exchange and Payments, 89th Congress, 2d session, Sept. 9, 1966. 1966. iii+44 p. * Paper, 20c. ● Item 1000
L.C. card 66-62821 Y 4.Ec 7: In 8/12
- 17153 Old age income assurance, outline of issues and alternatives [with select bibliography], materials prepared by Committee staff for Subcommittee on Fiscal Policy. 1966. v+39 p. (Joint committee print, 89th Congress, 2d session.) * Paper, 15c. ● Item 1000
L.C. card 66-63700 Y 4.Ec 7: Ol 1

HOUSE OF REPRESENTATIVES
Washington, D.C. 20515

- 17154 Major legislative actions, 89th Congress (adjourned Oct. 22, 1966), final edition; prepared by Office of Coordinator of Information. [1966.] 55 p. 4° ‡
L.C. card 50-60030 Y 1.2: L 52/966-3

House documents

NOTE.—All House documents, entries for which are followed by a ‡, may be obtained from the House Document Room or from the issuing office.

House documents, 89th Congress.

- 17155 86. Matters relating to District of Columbia and its government, message from President of United States. Feb. 15, 1965. 8 p. ‡ (Not sent to depository libraries)
- 17156 88. Message from President of United States transmitting 7th annual report covering United States participations in International Atomic Energy Agency for year 1963; Feb. 15, 1965. 1965. [6]+17 p. ‡ (Not sent to depository libraries)
L.C. card 59-60656
- 17157 261. Supplemental appropriation, Federal Aviation Agency, fiscal year 1966. Aug. 12, 1965. 2 p. ‡ (Not sent to depository libraries)
- 17158 297. Message from President of United States transmitting 8th annual report covering United States participation in International Atomic Energy Agency for year 1964; Sept. 30, 1965. 1965. xii+23 p. ‡ (Not sent to depository libraries)
L.C. card 59-60656
- 17159 303. 48th session of International Labor Conference, letter from Assistant Secretary for Congressional Relations, Department of State, transmitting texts of ILO convention (no. 120) concerning hygiene in commerce and offices, and ILO convention (no. 121) concerning benefits in case of employment injury, adopted at 48th session, at Geneva, July 8, 1964; Oct. 12, 1965. 1965. iii+41 p. ‡ (Not sent to depository libraries)
- 17160 349. Protecting our food, [yearbook of agriculture 1966; Jack Hayes, editor]. [1966.] xiii+ [15]+386 p. il. [Illustrated lining papers attached to front and back covers. Yearbook is made up of signed articles.] * (Available in departmental edition, Cloth, \$2.50. A 1:10:966, and sent to depositories in that form. See entry no. 16940.)
- 17161 466. Atlantic-Pacific Canal study, message from President of United States transmitting 2d annual report of Atlantic-Pacific Inter-oceanic Canal Study Commission; Aug. 15, 1966. 1966. vii+50 p. il. ‡ ● Item 996
L.C. card 65-62676

GOVERNMENT PUBLICATIONS

House documents, 89th Congress—Continued

- 17162 469. Increasing combat pay exclusion for commissioned officers in combat zones, communication from President of United States transmitting draft of proposed legislation to amend sec. 112 of Internal revenue code of 1954; Aug. 18, 1966. 1966. [1]+2 p. † ● Item 996
- 17163 471. Ceremonies attending acceptance of official committee portrait of John L. McMillan, May 18, 1966, House District Committee Room, Longworth House Office Building. [1966.] viii+26 p. il. [Title on cover is: John L. McMillan, portrait acceptance, May 18, 1966.] † ● Item 996
- 17164 472. Report on audit of Federal Home Loan Bank Board, year ended Dec. 31, 1965, letter from Acting Comptroller General transmitting report, Aug. 22, 1966. iv+16 p. 4° † ● Item 996
L.C. card 66-65726
- 17165 475. Mainland areas of North Carolina, excluding Washington and New Bern, letter from chief of engineers, Army, submitting report on interim hurricane survey; Aug. 29, 1966. 1966. xxiii+61 p. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry 17631.] †
- 17166 476. Outer Banks between Virginia State line and Hatteras Inlet, N.C., letter from chief of engineers, Army, submitting report on interim hurricane survey; Aug. 29, 1966. [1966.] xxii+82 p. il. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 17635.] †
- 17167 489. International Labor Organization's recommendation on employment, letter from Assistant Secretary for Congressional Relations, Department of State; Sept. 7, 1966. 1966. ix+14 p. † ● Item 996
- 17168 492. Inflation, message from President of United States transmitting proposals for measures for curbing inflation and preserving our national economy. Sept. 8, 1966. 8 p. † ● Item 996
- 17169 494. Newark Bay, Hackensack and Passaic Rivers, N.J., letter from chief of engineers, Army, submitting report on review of reports; Sept. 12, 1966. 1966. xii+102 p. il. 5 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 17634.] †
- 17170 520. Gilmour C. MacDonald, message from President of United States, returning without approval H.R. 7546. Oct. 11, 1966. 2 p. † ● Item 996
- 17171 521. Amendment to request for appropriations for Department of Health, Education, and Welfare, fiscal year 1967. Oct. 11, 1966. 2 p. † ● Item 996
- 17172 522. Supplemental appropriation to pay claims and judgments against United States. Oct. 11, 1966. 22 p. † ● Item 996
- 17173 526. National Aeronautics and Space Administration, 14th semiannual report to Congress, July 1-Dec. 31, 1965. [1966.] xviii+269 p. il. [Text on p. 2 of cover.] * (Available in departmental edition, \$1.25, NAS 1.1:965-2 and sent to depositories in that form. See Entry no. 17933)

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 89th Congress. † House Document Room, Capitol. ● Item 1008-B (except Reports 776, and 800)

- 17174 776. Mrs. Concetta Cioffi Carson. Report from Committee on Judiciary to accompany H.R. 2285. Aug. 10, 1965. 5 p. (Not sent to depository libraries)
- 17175 800. Estate of Robert A. Ethridge. Report from Committee on Judiciary to accompany H.R. 5530. Aug. 17, 1965. 9p. (Not sent to depository libraries)
- 17176 1902. Miss Rajka Soda. Report from Committee on Judiciary to accompany H.R. 8614. Aug. 26, 1966. 6p.
- 17177 1999. Herman Adams, doing business as Adams Manufacturing Co. Report from Committee on Judiciary to accompany H.R. 14990. Sept. 6, 1966. 37 p.
- 17178 2085. Authorizing coastwise privileges for vessel Elva L. Report from Committee on Merchant Marine and Fisheries to accompany S. 1275. Sept. 26, 1966. 3 p.
- 17179 2102. Helena Gilbert Maddagiri and Heather Gilbert Maddagiri. Report from Committee on Judiciary to accompany S. 2801. Sept. 28, 1966. 15 p.
- 17180 2129. James A. Todd, jr. Report from Committee on Judiciary to accompany S. 2500. Sept. 28, 1966. 3 p.
- 17181 2132. Rose Minutillo. Report from Committee on Judiciary to accompany H.R. 1944. Sept. 28, 1966. 4 p.
- 17182 2191. Authorizing the President to advance Maj. Gen. Robert Wesley Colglazier, jr., to grade of lieutenant general. Report from Committee on Armed Services to accompany S. 3500. Oct. 5, 1966. 3 p.
- 17183 2211. Convey land to Skyline Churches Cemetery. Report from Committee on Agriculture to accompany H.R. 10876. Oct. 7, 1966. 3 p.
- 17184 2234. Duty-free entry of mass spectrometer for Indiana University. Report from Committee on Ways and Means to accompany H.R. 11753. Oct. 12, 1966. 2 p.
- 17185 2235. Duty-free entry of rheogoniometer for Case Institute of Technology. Report from Committee on Ways and Means to accompany H.R. 11941. Oct. 12, 1966. 2 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not available

DECEMBER 1966

- 17186 2238. Duty-free entry of ship model for Lutheran Church of the Covenant, Maple Heights, Ohio. Report from Committee on Ways and Means to accompany H.R. 12110. Oct. 12, 1966. 2 p.
- 17187 2239. Duty-free entry of rheogoniometer for Tufts University. Report from Committee on Ways and Means to accompany H.R. 12197. Oct. 12, 1966. 2 p.
- 17188 2241. Duty-free entry of carillon for Northfield and Mount Hermon Schools. Report from Committee on Ways and Means to accompany H.R. 13190. Oct. 12, 1966. 2 p.
- 17189 2242. Duty-free entry of broad-range multigap magnetic spectrograph for University of Pennsylvania, Philadelphia, Pa. Report from Committee on Ways and Means to accompany H.R. 13739. Oct. 12, 1966. 2 p.
- 17190 2244. Duty-free entry of double neutron diffractometer for University of Missouri. Report from Committee on Ways and Means to accompany H.R. 14610. Oct. 12, 1966. 2 p.
- 17191 2245. Duty-free entry of ionosonde for University of Illinois. Report from Committee on Ways and Means to accompany H.R. 14893. Oct. 12, 1966. 2 p.
- 17192 2246. Duty-free entry of carillon for University of California. Report from Committee on Ways and Means to accompany H.R. 15888. Oct. 12, 1966. 2 p.
- 17193 2320. Changing name of Rolla Jewel Bearing Plant at Rolla, N. Dak., to William Langer Jewel Bearing Plant. Report from Committee on Government Operations to accompany S. 3466. Oct. 19, 1966. 3 p.
- House reports on public bills, 89th Congress. † House Document Room, Capitol. (Nos. 2013, and 2237 are sold by Superintendent of Documents.) ● Item 100S-A (except Reports 34, 367, 371, 372, 373, 713, 744, and 746)
- 17194 34. Administrative expenses of retired employees health benefits. Report from Committee on Post Office and Civil Service to accompany H.R. 1782. Feb. 9, 1965. 8 p. (Not sent to depository libraries)
- 17195 367. Authorizing printing of additional copies of report of Committee on Foreign Affairs entitled, Oversea programs of private nonprofit American organizations. Report from Committee on House Administration to accompany H. Res. 354. May 25, 1965. 1 p. (Not sent to depository libraries)
- 17196 371. Consideration of H.R. 237. Report from Committee on Rules to accompany H. Res. 398. May 25, 1965. 1 p. (Not sent to depository libraries)
- 17197 372. Consideration of H.R. 485. Report from Committee on Rules to accompany H. Res. 399. May 25, 1965. 1 p. (Not sent to depository libraries)
- 17198 373. Providing for consideration of, and waiving points of order against, conference report on S. 800. Report from Committee on Rules to accompany H. Res. 400. May 25, 1965. 1 p. (Not sent to depository libraries)
- 17199 713. Military construction authorization, fiscal year 1966. Conference report to accompany H. R. 8439. Aug. 3, 1965. 46 p. (Not sent to depository libraries)
- 17200 744. Require reporting by physicians of physical abuse of children. Report from Committee on District of Columbia to accompany H.R. 10304. Aug. 6, 1965. 6 p. (Not sent to depository libraries)
- L.C. card 65-62566
- 17201 746. Amending District of Columbia income and franchise tax act of 1947. Report from Committee on District of Columbia to accompany H.R. 8058. Aug. 7, 1965. 11 p. (Not sent to depository libraries)
- 17202 1699, pt. 3. Housing and urban development act of 1966. Supplemental report of Committee on Banking and Currency. 89th Congress, 2d session, on H.R. 15890; July 28, 1966. 1966. [1]+403-432 p. [Part 3 shows further changes made in existing law as reported.]
- L.C. card 66-62037
- 17203 1797. Dependency and indemnity compensation for certain service-connected deaths. Report from Committee on Veterans' Affairs to accompany H.R. 5852. Aug. 2, 1966. 4 p.
- 17204 1798. Drugs and medicine for aid-and-attendance pensioners. Report from Committee on Veterans' Affairs to accompany H.R. 12723. Aug. 2, 1966. 5 p.
- 17205 1799. Land transfer to Pinellas County, Fla. Report from Committee on Veterans' Affairs to accompany H.R. 12352. Aug. 2, 1966. 5 p.
- 17206 1803. Delete interest rate limitation on debentures issued by Federal intermediate credit banks. Report from Committee on Agriculture to accompany H.J. Res. 1217. Aug. 3, 1966. 4 p.
- 17207 1804. Soil information assistance for community planning and resource development. Report from Committee on Agriculture to accompany S. 902. Aug. 3, 1966. 8 p.
- 17208 1811. Crops on diverted acreage. Report from Committee on Agriculture to accompany H.R. 14831. Aug. 4, 1966. 5 p.
- 17209 1846. Providing for printing of certain proceedings in House Committee on District of Columbia. Report from Committee on House Administration to accompany H. Res. 891. Aug. 11, 1966. 1 p. [Relates to John L. McMillan, portrait acceptance, May 18, 1966.]
- 17210 1853. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. Aug. 16, 1966. 2 p.

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 17

GOVERNMENT PUBLICATIONS

House reports on public bills, 89th Congress—Continued

- 17211 1860. Providing for guarantee and insurance of loans to Indians and Indian organizations. Report from Committee on Interior and Insular Affairs to accompany H.R. 9332. Aug. 18, 1966. 14 p.
- 17212 1862. Increasing special revenue bond borrowing authority of Virgin Islands. Report from Committee on Interior and Insular Affairs to accompany H.R. 15953. Aug. 18, 1966. 9 p.
- 17213 1864. Authorizing erection of memorial in District of Columbia to John J. Pershing. Report from Committee on House Administration to accompany H.R. 14195. Aug. 22, 1966. 13 p.
- 17214 1865. Investigations of certain water resource development proposals. Conference report to accompany S. 3034. Aug. 23, 1966. 13 p.
- 17215 1866. Authorizing 5-year hydrologic study and investigation of Delmarva Peninsula. Report from Committee on Interior and Insular Affairs to accompany S. 2287. Aug. 23, 1966. 4 p.
- 17216 1867. Department of Agriculture and related agencies appropriations, 1967. Conference report to accompany H.R. 14596. Aug. 23, 1966. 10 p.
- 17217 1868. Expansion of purchasing authority of Federal National Mortgage Association. Conference report to accompany S. 3688. Aug. 24, 1966. 4 p.
- 17218 1872. Duty treatment of bagpipes. Report from Committee on Ways and Means to accompany H.R. 1035. Aug. 24, 1966. 2 p.
- 17219 1874. Amending title 10, United States Code, to permit members of Armed Forces to be assigned or detailed to Environmental Science Services Administration, Department of Commerce. Report from Committee on Armed Forces to accompany H.R. 17119. Aug. 24, 1966. 4 p.
- 17220 1877. Consideration of H.R. 12723. Report from Committee on Rules to accompany H. Res. 978. Aug. 24, 1966. 1 p.
- 17221 1885. Deductibility of accrued vacation pay. Report from Committee on Ways and Means to accompany H.R. 16774. Aug. 24, 1966. 3 p.
- 17222 1889. Amending AMVETS charter. Report from Committee on Judiciary to accompany H.R. 13284. Aug. 25, 1966. 3 p.
- 17223 1901. Compact between Missouri and Kansas creating Kansas City Area Transportation District and Authority. Report from Committee on Judiciary to accompany S. 3051. Aug. 26, 1966. 8 p.
- 17224 1906. Disposition of sundry papers. Report from Joint Committee on Disposition of Executive Papers. Aug. 29, 1966. 2 p.
- 17225 1910. Reserve Forces bill of rights and vitalization act of 1966, and National Guard technicians benefits act. Report from Committee on Armed Services to accompany H.R. 17195. Aug. 29, 1966. 115 p.
- 17226 1915. Filing of tax returns directly with Internal Revenue Service centers. Report from Committee on Ways and Means to accompany H.R. 6958. Aug. 30, 1966. 23 p.
- 17227 1918. Providing for disposition of funds appropriated to pay judgment in favor of Nooksack Tribe of Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 12437. Aug. 30, 1966. 4 p.
- 17228 1927. Conference report on Foreign assistance act of 1966, H.R. 15750; Aug. 31, 1966. 1966. iv+30 p.
- 17229 1953. Executive positions in Smithsonian Institution. Report from Committee on Post Office and Civil Service to accompany H.R. 15727. Sept. 1, 1966. 5 p.
- 17230 1954. Use of foreign currencies. Report from Committee on Ways and Means to accompany S. 801. Sept. 1, 1966. 2 p.
- 17231 1974. Sale of grain storage facilities. Report from Committee on Agriculture to accompany H.R. 12360. Sept. 1, 1966. 7 p.
- 17232 2013. Interstate taxation act. Report from Committee on Judiciary to accompany H.R. 1649. Sept. 7, 1966. 13 p. [Includes minority views of Edward Hutchinson.] * Paper, 10c.
- 17233 2016. Relating to compensation of Doorkeeper of House of Representatives. Report from Committee on House Administration to accompany H. Res. 909. Sept. 8, 1966. 1 p.
- 17234 2018. Creating bipartisan commission to study Federal laws limiting political activity by officers and employees of Government. Report from Committee on House Administration to accompany S. 1474. Sept. 8, 1966. 2 p.
- 17235 2038. Establishing past and present location of certain portion of Colorado River for certain purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13955. Sept. 12, 1966. 15 p.
- 17236 2040. Amending judicial code to permit Indian tribes to maintain civil actions in Federal district courts without regard to \$10,000 limitation, and for other purposes. Report from Committee on Judiciary to accompany S. 1356. Sept. 12, 1966. 6 p.
- 17237 2050. U.S. observance of International Human Rights Year, 1968. Report from Committee on Foreign Affairs to accompany H.R. 17083. Sept. 21, 1966. 7 p.
- 17238 2052. Foreign gifts and decorations act of 1966. Report from Committee on Foreign Affairs to accompany S. 2463. Sept. 21, 1966. 5 p.
- 17239 2062. Extending for 2 years period for which payments in lieu of taxes may be made with respect to certain real property transferred by Reconstruction Finance Corporation and its subsidiaries to other Government departments. Report from Committee on Government Operations to accompany H.R. 14249. Sept. 21, 1966. 9 p.
- 17240 2068. Interior research contracts. Report from Committee on Interior and Insular Affairs to accompany S. 3460. Sept. 22, 1966. 5 p.
- 17241 2070. Consideration of S. 3708. Report from Committee on Rules to accompany H. Res. 1023. Sept. 23, 1966. 1 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

- 17242 2078. Continuing appropriations, 1967. Report from Committee on Appropriations to accompany H.J. Res. 1308. Sept. 26, 1966. 4 p.
- 17243 2105. Commission on National Observances and Holidays. Report from Committee on Judiciary to accompany H.R. 15699. Sept. 28, 1966. 3 p.
- 17244 2142. Terms of U.S. District Court for District of South Dakota at Rapid City. Report from Committee on Judiciary to accompany S. 2070. Sept. 28, 1966. 5 p.
- 17245 2143. Great seal of United States. Report from Committee on Judiciary to accompany S. 2770. Sept. 28, 1966. 6 p.
- 17246 2144. Providing penalties for thefts from pipelines. Report from Committee on Judiciary to accompany S. 3433. Sept. 28, 1966. 8 p.
- 17247 2153. Uniform civil appellate rules. Report from Committee on Judiciary to accompany S. 3254. Sept. 29, 1966. 8 p.
- 17248 2158. Providing funds for Committee on House Administration. Report from Committee on House Administration to accompany H. Res. 1028. Sept. 30, 1966. 1 p.
- 17249 2172. Amending act of June 30, 1954, as amended providing for continuance of civil government for Trust Territory of Pacific Islands. Report from Committee on Interior and Insular Affairs Committee to accompany H.R. 17505. Oct. 3, 1966. 30 p.
- 17250 2187. Providing funds for Committee on House Administration. Report from Committee on House Administration to accompany H. Res. 1028. Oct. 5, 1966. 1 p.
- 17251 2188. Providing additional stationery allowance for Members of House of Representatives. Report from Committee on House Administration to accompany H. Res. 1029. Oct. 5, 1966. 1 p.
- 17252 2189. Centennial anniversary of 2d inaugural of Abraham Lincoln. Report from Committee on House Administration to accompany H. Res. 1034. Oct. 5, 1966. 1 p.
- 17253 2190. Authorizing military construction at Walter Reed Army Medical Center. Report from Committee on Armed Services to accompany H.R. 18019. Oct. 5, 1966. 6 p.
- 17254 2194. Ellis Island commemorative medals. Report from Committee on Banking and Currency to accompany H.R. 16923. Oct. 5, 1966. 3 p.
- 17255 2195. Increasing authorization for airports at national parks. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 11089. Oct. 6, 1966. 8 p.
- 17256 2196. World newspaper supply-demand, outlook through 1968. Report of Committee on Interstate and Foreign Commerce; Oct. 6, 1966. 1966. xi+31 p. il.
L.C. card 60-61527
- 17257 2197. How to cut paperwork. [Report from] Committee on Post Office and Civil Service; Oct. 6, 1966. 1966. ix+70 p. il.
L.C. card 66-62845
- 17258 2198. Postal systems of United States Armed Forces, Vietnam and Thailand. [Report from] Committee on Post Office and Civil Service; Oct. 6, 1966. 1966. vii+27 p. il.
- 17259 2199. Relating to contested-election cases. Report from Committee on House Administration to accompany H.R. 17239. Oct. 6, 1966. 3 p.
- 17260 2200. Home leave for Federal seafaring personnel. Report from Committee on Post Office and Civil Service to accompany H.R. 18217. Oct. 6, 1966. 14 p.
- 17261 2201. Survivor annuities with respect to reemployed annuitants. Report from Committee on Post Office and Civil Service to accompany S. 699. Oct. 6, 1966. 8 p.
- 17262 2202. Details of employees from field service to departmental service. Report from Committee on Post Office and Civil Service to accompany S. 1496. Oct. 6, 1966. 6 p.
- 17263 2203. Foreign assistance and related agencies appropriation bill, 1967. Conference report to accompany H.R. 17788. Oct. 6, 1966. 4 p.
- 17264 2204. Authorizing Board of Regents of Smithsonian Institution to negotiate co-operative agreements granting concessions at National Zoological Park to certain nonprofit organizations and to accept voluntary services of such organizations or of individuals, and for other purposes. Report from Committee on House Administration to accompany S. 3230. Oct. 6, 1966. 2 p.
- 17265 2205. Conservation and protection of endangered species of fish and wildlife. Conference report to accompany H.R. 9424. Oct. 6, 1966. 6 p.
- 17266 2206. Market promotion activity of Foreign Agricultural Service (2d review). 40th report by Committee on Government Operations; Oct. 7, 1966. 1966. vii+56 p.
L.C. card 66-62937
- 17267 2207. Retaining perquisites of office for officers designated to occupy certain positions in Naval Material Command. Report from Committee on Armed Services to accompany H.R. 17451. Oct. 7, 1966. 23 p.
- 17268 2208. Inclusion of Guam in State technical services act. Report from Committee on Interstate and Foreign Commerce to accompany S. 2979. Oct. 7, 1966. 3 p.
- 17269 2209. Professional training and cooperation amendments of 1966. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 13884. Oct. 7, 1966. 5 p.
- 17270 2210. Repeal of Naval stores act. Report from Committee on Agriculture to accompany H.R. 7381. Oct. 7, 1966. 7 p.

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 19

GOVERNMENT PUBLICATIONS

House reports on public bills, 89th Congress—Continued

- 17271 2212. Amending Vocational rehabilitation act to provide fixed allotment percentage for District of Columbia. Report from Committee on Education and Labor to accompany H.R. 14323. Oct. 7, 1966. 4 p.
- 17272 2213. Maritime Administration authorization. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 18176. Oct. 10, 1966. 9 p.
- 17273 2214. Model secondary school for the deaf act. Report from Committee on Education and Labor to accompany H.R. 17190. Oct. 10, 1966. 5 p.
- 17274 2215. Department of Defense appropriations, 1967. Conference report to accompany H.R. 15941. Oct. 10, 1966. 7 p.
- 17275 2216. Public works appropriation bill, 1967. Conference report to accompany H.R. 17787. Oct. 10, 1966. 39 p.
- 17276 2217. Rivers and harbors, beach erosion control, flood control, and related purposes. Report of Committee on Public Works on H.R. 18233; Oct. 10, 1966. 1966. iv+85 p. [Includes supplemental and additional views.]
- 17277 2218. Authorizing printing of report on international education and Labor Committee. Report from Committee on House Administration to accompany H. Con. Res. 1007. Oct. 11, 1966. 1 p.
- 17278 2219. Authorizing printing of additional hearings and other materials by Committee on Agriculture. Report from Committee on House Administration to accompany H. Con. Res. 1017. Oct. 11, 1966. 1 p.
- 17279 2220. Authorizing printing as House document pamphlet entitled Our American Government, what is it? how does it function? Report from Committee on House Administration to accompany H. Con. Res. 1022. Oct. 11, 1966. 1 p.
- 17280 2221. Authorizing Public Printer to print for and deliver to General Services Administration additional copy of certain publications. Report from Committee on House Administration to accompany S. 3809. Oct. 11, 1966. 1 p.
- 17281 2223. Assignment of payments. Report from Committee on Agriculture to accompany H.R. 17588. Oct. 11, 1966. 4 p.
- 17282 2224. Limitations on Federal participation under title 19 of Social security act. Report from Committee on Ways and Means to accompany H.R. 18225. Oct. 11, 1966. 27 p. [Includes supplemental views of Thomas B. Curtis.]
- 17283 2225. Relocation of Pleasanton Plant Materials Center. Report from Committee on Agriculture to accompany H.R. 15304. Oct. 11, 1966. 5 p.
- 17284 2226. Mailing privileges of Armed Forces and other Government personnel overseas. Conference report to accompany H.R. 13448. Oct. 11, 1966. 6 p.
- 17285 2227. World Farm Center. Report from Committee on Agriculture to accompany H. Con. Res. 313. Oct. 11, 1966. 3 p.
- 17286 2228. Requiring premarital examinations in District of Columbia. Conference report to accompany H.R. 3314. Oct. 11, 1966. 4 p.
- 17287 2229. Mandatory reporting of injuries caused by firearms or other dangerous weapons. Conference report to accompany H.R. 9985. Oct. 11, 1966. 2 p.
- 17288 2230. Requiring reporting by physicians of physical abuse of children. Conference report to accompany H.R. 10304. Oct. 11, 1966. 2 p.
- 17289 2231. Strengthening wage-price guideposts. 41st report by Committee on Government Operations; Oct. 11, 1966. 1966. v+10 p. [Includes additional views of Florence P. Dwyer, and others.]
- 17290 2233. Claims of nationals of United States against Chinese Communist regime. Report from Committee on Foreign Affairs to accompany S. 3675. Oct. 12, 1966. 7 p.
- 17291 2236. Department of Transportation act. Conference report to accompany H.R. 15963. Oct. 12, 1966. 29 p.
- 17292 2237. Copyright law revision. Report from Committee on Judiciary to accompany H.R. 4347. Oct. 12, 1966. 279 p. * Paper, 65c. L.C. card 66-62963
- 17293 2248. Exemptions from Shipping act, 1916. Report from Committee on Merchant Marine and Fisheries to accompany S. 3391. Oct. 12, 1966. 25 p.
- 17294 2250. District of Columbia work release act. Report from Committee on District of Columbia to accompany S. 1319. Oct. 12, 1966. 9 p.
- 17295 2256. Clean air act amendments of 1966. Conference report to accompany S. 3112. Oct. 12, 1966. 4 p.
- 17296 2258. Consideration of H.R. 17239. Report from Committee on Rules to accompany H. Res. 1054. Oct. 13, 1966. 1 p.
- 17297 2259. Investigation of European markets and for other purposes. Report from Committee on Rules to accompany H. Res. 1043. Oct. 13, 1966. 1 p.
- 17298 2260. Authorizing General Subcommittee on Labor of Committee on Education and Labor to conduct investigation and study of operation of elementary and secondary schools by Federal agencies and of production of foreign-made goods competing with domestically produced goods. Report from Committee on Rules to accompany H. Res. 1044. Oct. 13, 1966. 1 p.
- 17299 2261. Granting additional travel authority to Committee on Public Works. Report from Committee on Rules to accompany H. Res. 1045. Oct. 13, 1966. 1 p.
- 17300 2262. Authorizing Committee on House Administration to sit, hold hearings, and issue subpoenas in carrying out its duties. Report from Committee on Rules to accompany H. Res. 1047. Oct. 13, 1966. 1 p.
- 17301 2263. Authorizing Committee on Post Office and Civil Service to conduct certain studies in Far East and Western European countries. Report from Committee on Rules to accompany H. Res. 1048. Oct. 13, 1966. 1 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

- 17302 2265. Motor carrier incidental charter rights. Report from Committee on Interstate and Foreign Commerce to accompany S. 2893. Oct. 13, 1966. 3 p.
- 17303 2266. Investigation of HEW. Report of Special Subcommittee on Investigation of Department of Health, Education, and Welfare of Committee on Interstate and Foreign Commerce; Oct. 13, 1966. 1966. xi+159+A164 p. il. 9 pl.
- 17304 2267. Treatment of State and local taxes for purposes of computing Federal excise tax on cigars. Report from Committee on Ways and Means to accompany H.R. 8244. Oct. 13, 1966. 4 p.
- 17305 2268. Working capital fund for Department of Treasury. Report from Committee on Ways and Means to accompany H.R. 11158. Oct. 13, 1966. 2 p.
- 17306 2269. Free importation of certain specialized educational equipment. Report from Committee on Ways and Means to accompany H.R. 12318. Oct. 13, 1966. 4 p.
- 17307 2270. Combat pay exclusion. Report from Committee on Ways and Means to accompany H.R. 17271. Oct. 13, 1966. 2 p.
- 17308 2271. Comprehensive health planning and public health services amendments of 1966. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 18231. Oct. 13, 1966. 35 p.
- 17309 2273. Tax treatment of certain indirect purchases of stock. Report from Committee on Ways and Means to accompany H.R. 18230. Oct. 13, 1966. 5 p.
- 17310 2274. Fur seal act of 1966. Conference report to accompany S. 2102. Oct. 13, 1966. 4 p.
- 17311 2275. Military construction appropriation bill, 1967. Conference report to accompany H.R. 17637. Oct. 13, 1966. 4 p. [Corrected print.]
- 17312 2276. Pay increases for District of Columbia policemen, firemen, and teachers. Conference report to accompany H.R. 15857. Oct. 13, 1966. 17 p.
- 17313 2277. Changing inland, Great Lakes, and western river rules. Report from Committee on Merchant Marine and Fisheries to accompany S. 1349. Oct. 13, 1966. 5 p.
- 17314 2278. Carriage of military cargoes. Report from Committee on Merchant Marine and Fisheries to accompany H.R. 15283. Oct. 14, 1966. 39 p.
- 17315 2279. Release of valueless liens. Report from Committee on Agriculture to accompany H.R. 9151. Oct. 14, 1966. 6 p.
- 17316 2280. Contingent liabilities of Government. Report from Committee on Ways and Means to accompany S. 1013. Oct. 14, 1966. 6 p.
- 17317 2281. Extension of time for filing certain requests under Tariff schedules technical amendments act. Report from Committee on Ways and Means to accompany H. R. 13363. Oct. 14, 1966. 2 p.
- 17318 2282. Tariff classification of Chinese gooseberries. Report from Committee on Ways and Means to accompany H.R. 16160. Oct. 14, 1966. 2 p.
- 17319 2284. Supplemental appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 18381. Oct. 14, 1966. 24 p.
- 17320 2285. Safety of life at sea. Conference report to accompany H.R. 10327. Oct. 14, 1966. 8 p.
- 17321 2286. Fair packaging and labeling act. Conference report to accompany S. 985. Oct. 14, 1966. 12 p. L.C. card 66-62966
- 17322 2287. U.S. naval construction battalions (Seabees) and Navy Civil Engineer Corps commemorative medals. Report from Committee on Banking and Currency to accompany H.R. 17658. Oct. 14, 1966. 2 p.
- 17323 2288. Waiving all points of order against bill H.R. 18381. Report from Committee on Rules to accompany H. Res. 1058. Oct. 15, 1966. 1 p. [Relates to supplemental appropriations for 1967.]
- 17324 2289. Clean waters restoration act of 1966. Conference report to accompany S. 2947. Oct. 15, 1966. 23 p. L.C. card 66-62964
- 17325 2290. Fish protein concentrate. Conference report to accompany S. 2720. Oct. 17, 1966. 5 p.
- 17326 2291. Report of 9th meeting of Canada-United States Interparliamentary Group, May 18-22, 1966, Washington, D.C., by Cornelius E. Gallagher, Chairman of House of Representatives delegation, pursuant to Public law 42, 86th Congress; Oct. 17, 1966. 1966. vii+16 p. L.C. card 61-61195
- 17327 2292. District of Columbia appropriation bill, 1967. Conference report to accompany H.R. 17636. Oct. 17, 1966. 6 p.
- 17328 2293. Duty treatment of limestone for cement. Report from Committee on Ways and Means to accompany H.R. 5950. Oct. 17, 1966. 2 p.
- 17329 2294. Duty treatment of dicyandiamide. Report from Committee on Ways and Means to accompany H.R. 16077. Oct. 17, 1966. 2 p.
- 17330 2295. Relating to crime and criminal procedure in District of Columbia. Conference report to accompany H.R. 5688. Oct. 17, 1966. 27 p.
- 17331 2296. Qualification for social security benefits as widow, widower, or stepchild. Report from Committee on Ways and Means to accompany H.R. 18085. Oct. 17, 1966. 4 p.
- 17332 2297. Tariff treatment of certain articles. Conference report to accompany H.R. 11216. Oct. 17, 1966. 4 p.
- 17333 2298. Economic opportunity amendments of 1966. Conference report to accompany H.R. 15111. Oct. 17, 1966. 38 p. [Corrected print.]
- 17334 2299. Certain assessments for depreciable property. Report from Committee on Ways and Means to accompany H.R. 7030. Oct. 18, 1966. 5 p.

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

Page 21

GOVERNMENT PUBLICATIONS

House reports on public bills, 89th Congress—Continued

- 17335 2300. Payments for podiatrists' services under supplementary medical insurance program. Report from Committee on Ways and Means to accompany H.R. 13455. Oct. 18, 1966 3 p.
- 17336 2301. Demonstration cities and metropolitan development act of 1966. Conference report to accompany S.3708. Oct. 18, 1966. 48 p.
L.C. card 66-62965
- 17337 2303. Duty on certain nonmalleable iron castings. Report from Committee on Ways and Means to accompany H.R. 13116. Oct. 18, 1966. 4 p.
- 17338 2304. Food for peace. Conference report to accompany H.R. 14929. Oct. 18, 1966. 22 p.
L.C. card 66-65720
- 17339 2305. Proceedings against Yolanda Hall. Report from Committee on Un-American Activities citing Yolanda Hall. Oct. 18, 1966. 28 p.
- 17340 2306. Proceedings against Jeremiah Stamler. Report from Committee on Un-American Activities citing Jeremiah Stamler. Oct. 18, 1966. 20 p.
- 17341 2308. Suspensions of investment credit and accelerated depreciation. Conference report to accompany H.R. 17607. Oct. 18, 1966. 11 p.
- 17342 2309. Elementary and secondary education amendments of 1966. Conference report to accompany H.R. 13161. Oct. 18, 1966. 46 p.
- 17343 2315. Providing additional compensation for services performed by employees in House Publications Distribution Service. Report from Committee on House Administration to accompany H.Res. 1056. Oct. 19, 1966. 1 p.
- 17344 2316. Narcotic addict rehabilitation. Conference report to accompany H.R. 9167. Oct. 19, 1966. 20 p.
L.C. card 66-65721
- 17345 2318. Government use of satellite communications. 43d report by Committee on Government Operations; Oct. 16, 1966. 1966. vi+105 p.
L.C. card 66-62968
- 17346 2319. Evaluation of donable surplus property program. 44th report by Committee on Government Operations; Oct. 19, 1966. 1966. v+47 p. [Includes additional views of Chet Hollifield.]
- 17347 2321. Consenting to entry of Massachusetts into bus taxation proration agreement. Conference report to accompany H.R. 13335. Oct. 19, 1966. 3 p.
- 17348 2325. Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriation bill, fiscal year 1967. Conference report to accompany H.R. 18119. Oct. 19, 1966. 7 p.
- 17349 2326. Higher education amendments of 1966. Conference report to accompany H.R. 14644. Oct. 19, 1966. 13 p.
- 17350 2331. Departments of Labor, Health, Education, and Welfare, and related agencies appropriation bill, fiscal year 1967. Conference report to accompany H.R. 14745. Oct. 20, 1966. 13 p.
- 17351 2333. Supplemental appropriations, 1967. Conference report to accompany H.R. 18381. Oct. 21, 1966. 6 p.
- 17352 2335. Organizational conspiracies act of 1966. Report together with separate and dissenting views from Committee on Un-American Activities to accompany H.R. 16606. Oct. 21, 1966. 28 p.
- 17353 2336. 2d report on U.S.-owned foreign currencies (with special reference to Poland and Yugoslavia). 46th report by Committee on Government Operations; Oct. 21, 1966. 1966. v+20 p. [Includes additional views of Ogden R. Reid, Donald Rumsfeld, and Robert Dole.]

Agriculture Committee, House *Washington, D.C. 20515*

[Committee hearings], 89th Congress. † ● Item 1010

- 17354 NN. Soil surveys for community planning and resource development, hearing before Subcommittee on Conservation and Credit, 89th Congress, 2d session, on S. 902, H.R. 2076, H.R. 6423, H.R. 13552, and H.R. 13566, July 14, 1966. 1966. iii+39 p.
L.C. card 66-62395 Y 4.Ag 8/1 : So 3/7
- 17355 OO. Emergency loans for first processors, hearing, 89th Congress, 2d session, on H.R. 15661, July 12, 1966. 1966. iii+38 p.
L.C. card 66-62394 Y 4.Ag 8/1 : L 78/10
- 17356 XX. Rural telephone financing, hearings before Subcommittee on Conservation and Credit, 89th Congress, 2d session, on title 5 and title 6, committee print no. 3, H.R. 14837, Sept. 13 and 14, 1966. 1966. iii+52 p.
L.C. card 66-62823 Y 4.Ag 8/1 : T 23/2

Appropriations Committee, House *Washington, D.C. 20515*

- 17357 Department of Defense appropriations for 1967, additional hearings before subcommittee, 89th Congress, 2d session, F-111B aircraft program. 1966. ii+17 p. † ● Item 1011
L.C. card 61-60926 Y 4.Ap 6/1 : D 36/5/967-2

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17358 Military construction appropriations for 1967, hearings before subcommittee, 89th Congress, 2d session. ● Item 1011
L.C. card 66-61854 Y 4.Ap 6/1: M 59/6/967/pt.3
pt. 3. Additional testimony on construction in Southeast Asia, [Aug. 30, 1966]. 1966. ii+113+ii p. il. †

Armed Services Committee, House
Washington, D.C. 20515

[Papers], 89th Congress. † ● Item 1012 Y 4.Ar 5/2a: 965-66/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

- 17359 82. Special Subcommittee on Discharges and Dismissals consideration of H.R. 16646 and H.R. 15053, to amend title 10, United States Code, to authorize award of exemplary rehabilitation certificates to certain individuals after considering their character and conduct in civilian life after discharge or dismissal from Armed Forces, and for other purposes, and H.R. 10267, to amend title 10 of United States Code to extend for period of 10 years time during which certain military, naval, and air service records may be corrected. [1966.] p. 10285-314.
- 17360 87. Subcommittee on Real Estate consideration of H.R. 15244, to authorize Secretary of Army to adjust legislative jurisdiction exercised by United States over lands within Camp Atterbury, Ind., Aug. 8, 1966. 1966. p. 10819-823.
- 17361 93. Subcommittee no. 3 consideration of H.R. 17500, to amend chap. 141 of title 10, United States Code, to provide for price adjustments in contracts for procurement of milk by Department of Defense. [1966.] p. 10941-11028.
- 17362 95. Report of Special Subcommittee on Proposed Disposal of U.S. Naval Academy Dairy Farm, 89th Congress, 2d session; Oct. 6, 1966. 1966. iii+11071-77 p.
L.C. card 66-62715
- 17363 97. Hearings before Special Subcommittee on Commercial Air Transportation for Service Personnel While on Authorized Leave, 89th Congress, 2d session, June 13-Sept. 28, 1966. [1966.] ii+11089-636+ii p. il. 1 pl.
L.C. card 66-62824
- 17364 98. Subcommittee no. 2 consideration of H.R. 17451, to amend titles 10 and 37, United States Code, to authorize certain rank, pay, and retirement privileges for officers serving in certain positions, and for other purposes. [1966.] p. 11637-670.
- 17365 101. Report on stockpiling, report of subcommittee no. 1, 89th Congress, 2d session, Oct. 21, 1966. 1966. iii+11705-780 p.
L.C. card 66-62997

Banking and Currency Committee, House
Washington, D.C. 20515

- 17366 Inter-American Development Bank's role in agricultural development, hearing before Subcommittee on International Finance, 89th Congress, 2d session, Aug. 29, 1966. 1966. iv+175 p. † ● Item 1013
L.C. card 66-62807 Y 4.B 22/1: In 8/13
- 17367 Investigation of servicemen's purchasing and financing problems, hearing before Subcommittee on Domestic Finance, 89th Congress, 2d session, Aug. 19, 1966. 1966. iii+240 p. il. [These hearings were held in Newark, N.J.] † ● Item 1013
L.C. card 66-62806 Y 4.B 22/1: Se 6
- 17368 Review of policies and practices of various Government financial agencies, hearing, 89th Congress, 1st session, Treasury Department, Feb. 9, 1965. 1966. ii+36 p. † ● Item 1013
L.C. card 66-65701 Y 4.B 22/1: F 49/8
- 17369 To prohibit banks from performing certain nonbanking services, hearings before Subcommittee on Bank Supervision and Insurance, 89th Congress, 2d session, on H.R. 112, H.R. 117, H.R. 10529, Mar. 9-15, 1966. 1966. v+228 p. il. † ● Item 1013
L.C. card 66-62825 Y 4.B 22/1: B 22/13

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

District of Columbia Committee, House
Washington, D.C. 20515

- 17370 Authorizing public community college of arts and sciences, and public vocational technical college, hearings before subcommittee no. 4, 89th Congress, 2d session, on H.R. 16958, [and other bills]; Sept. 12, 19, 1966. 1966. iv+210 p. † ● Item 1014
L.C. card 66-62722 Y 4.D 63/1: C 68

Education and Labor Committee, House
Washington, D.C. 20515

- 17371 Capitol architecture and planning, hearings before Special Subcommittee on Labor, 89th Congress, 2d session, on H.R. 16100, July 26-Aug. 4, 1966. 1966. iv+143 p. † ● Item 1015
L.C. card 66-65705 Y 4.Ed 8/1: C 17
- 17372 Education and training of the handicapped, hearings before Ad Hoc Subcommittee on the Handicapped, 89th Congress, 2d session, on investigation of adequacy of Federal and other resources for education and training of the handicapped. ● Item 1015
L.C. card 66-62808 Y 4.Ed 8/1: H 19/3/pt. 1
pt. 1. June 6-22, 1966. 1966. vii+611 p. ii †
- 17373 Elementary and secondary education amendments of 1966 (Seattle), hearing before General Subcommittee on Education and Ad Hoc Subcommittee on War on Poverty Program, 89th Congress, 2d session, on H.R. 13160 and 13161, Apr. 14, 1966. 1966. v+89 p. [Hearings held in Seattle, Wash.] † ● Item 1015
L.C. card 66-62809 Y 4.Ed 8/1: Ed 8/24/966-3
- 17374 Higher education amendments of 1966, hearings before Special Subcommittee on Education, 89th Congress, 2d session, on H.R. 13174 and H.R. 13237, Mar. 10-17, 1966. 1966. viii+324 p. † ● Item 1015
L.C. card 66-62810 Y 4.Ed 8/1: Ed 8/26/966
- 17375 National school lunch act, hearing before Select Subcommittee on Education, 89th Congress, 2d session, on S. 3467, July 21, 1966. 1966. iii+30 p. † ● Item 1015
L.C. card 66-62084 Y 4.Ed 8/1: Sch 6/25

Foreign Affairs Committee, House
Washington, D.C. 20515

- 17376 Atlantic Union, hearings, 89th Congress, 2d session, on H. Con. Res. 523, H.J. Res. 769, and similar resolutions, Aug. 30-Sept. 20, 1966. 1966. iv+194 p. † ● Item 1017
L.C. card 66-62716 Y 4.F 76/1: At 6/966
- 17377 Claims of nationals of United States against Chinese Communist regime, hearing before Subcommittee on Far East and Pacific, 89th Congress, 2d session, on S. 3675, Sept. 29, 1966. 1966. iii+20 p. † ● Item 1017
L.C. card 66-62717 Y 4.F 76/1: C 44/7
- 17378 Passports and right to travel, study of administrative control of citizen [with bibliography of law review articles]; prepared by Legislative Reference Service, Library of Congress, for Subcommittee on State Department Organization and Foreign Operations; Aug. 23, 1966. 1966. v+174 p. (Subcommittee print, 89th Congress, 2d session.) [Prepared in 1956 by Freeman W. Sharp and published July 10, 1958 and brought up to date to reflect most recent court decisions and administrative actions.] ‡
L.C. card 66-62993 Y 4.F 76/1: P 26/10/966

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Government Operations Committee, House
Washington, D.C. 20515

- 17379 Civil Service Commission training activities, hearing before subcommittee, 89th Congress, 1st session, Sept. 21, 1965. 1966. iii+10 p. † ● Item 1016
L.C. card 66-65703 Y 4.G 74/7 : C 49/4
- 17380 Congressional review of price-wage guideposts, hearing before subcommittee, 89th Congress, 2d session, on H.R. 11916, Sept. 12, 1966. 1966. iv+126 p. il. † ● Item 1016
L.C. card 66-62811 Y 4.G 74/7 : P 93/3
- 17381 Water pollution, Great Lakes, hearing before subcommittee, 89th Congress, 2d session. † ● Item 1016
L.C. card 66-62484 Y 4.G 74/7 : W 29/2/pt. 2, 3
pt. 2. Onondaga, Oncida, Ontario, and Finger Lakes, Aug. 19, 1966. 1966. iv+281-464 p. il.
pt. 3. Western Lake Erie, Detroit River, Lake St. Clair, and tributaries, Sept. 9, 1966. 1966. vi+465-834 p. il.

Interstate and Foreign Commerce Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. † ● Item 1019
Y 4.In 8/4 : 89-(nos.)
- 17382 47. Leasing of Clarinda, Iowa, airport property, hearing before Subcommittee on Transportation and Aeronautics, 89th Congress, 2d session, on H.R. 10700, Sept. 27, 1966. 1966. iii+12 p.
L.C. card 66-62638
- 17383 49. Federal airport act extension, hearing, 89th Congress, 2d session, on H.R. 13665, S. 3096, Sept. 28, 1966. 1966. iii+73 p. il.
L.C. card 66-62634
- 17384 50. Railroad retirement act, supplemental benefits, hearing before Subcommittee on Commerce and Finance, 89th Congress, 2d session, on H.R. 17285, Sept. 27, 1966. 1966. iii+38 p.
L.C. card 66-62612
- 17385 51. Airports at national parks, hearings before Subcommittee on Transportation and Aeronautics, 89th Congress, 2d session, on H.R. 11089, Sept. 27 and Oct. 3, 1966. 1966. iii+16 p.
L.C. card 66-62636
- 17386 52. Comprehensive health planning and public health services amendments of 1966, hearing, 89th Congress, 2d session, on H.R. 13197, H.R. 18231, H.R. 18232, S. 3008, Oct. 11, 1966. 1966. iv+125 p.
L.C. card 66-62812
- 17387 53. Incidental bus charter rights, hearing before Subcommittee on Transportation and Aeronautics, 89th Congress, 2d session, on H.R. 12916, S. 2893, Oct. 12, 1966. 1966. iii+12 p.
L.C. card 66-62813

Judiciary Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1020
- 17388 19. To incorporate American Academy of Actuaries, hearings before subcommittee no. 4, 89th Congress, 2d session, on H.R. 4470, H.R. 5987, and S. 1154, Feb. 16, 1966. 1966. iii+99 p. †
L.C. card 66-62411 4c Y 4.J89/1 : 89/19

Merchant Marine and Fisheries Committee, House
Washington, D.C. 20515

- [Committee hearings] serial, 89th Congress. ● Item 1021
- 17389 30. Maritime manpower shortage, hearings before Special Subcommittee on Maritime Education and Training, 89th Congress, 2d session, Mar. 31-Oct. 4, 1966. vi+430 p. il. 1 pl. †
L.C. card 66-65706 Y 4.M 53 : 89-30
- 17390 Miscellaneous fisheries legislation, hearings before Subcommittee on Fisheries and Wildlife Conservation, 89th Congress, 1st and 2d sessions, pt. 2, Fishermen's organization rights, Pacific Halibut Commission, Migratory waterfowl regulations, Fish protein concentrate, Fishery resources survey, Pribilof Islands, fur seals, H.R. 3955 [and other bills], June 17, 1965-Aug. 24, 1966. 1966. ix+414 p. il. (Serial 89-29.) † ● Item 1021
L.C. card 66-62179 Y 4.M 53 : 89-29

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 25

GOVERNMENT PUBLICATIONS

Post Office and Civil Service Committee, House Washington, D.C. 20515

- 17391 Improved manpower management in Federal Government, examples for period Jan.-June 1966, Subcommittee on Manpower, 89th Congress, 2d session; Oct. 1966. 1966. xi+24 p. (Committee print.) ‡ ● Item 1022-A
L.C. card 66-62981 Y 4.P 84/10 : M 31/5/966

Public Works Committee, House Washington, D.C. 20515

- [Committee hearings, serial], 89th Congress. ● Item 1024
17392 41. Site for Organization of American States and international center, hearings before Subcommittee on Public Buildings and Grounds, 89th Congress, 2d session, on H.R. 14936 (and related bills), July 28 and Aug. 1, 1966. 1966. iii+100 p. il. †
L.C. card 66-65709 Y 4.P 96/11 : 89-41

Rules Committee, House Washington, D.C. 20515

- 17393 Policies and guidelines for school desegregation, hearings, 89th Congress, 2d session, on H. Res. 826, Sept. 29 and 30, 1966. 1966. iii+54 p. †
● Item 1025
L.C. card 66-65707 Y 4.R 86/1 : Sch 6/2

Science and Astronautics Committee, House Washington, D.C. 20515

- [Paper], 89th Congress, 2d session. ● Item 1025-A
17394 7. Adequacy of technology for pollution abatement, hearings before Subcommittee on Science, Research, and Development, 89th Congress, 2d session. †
L.C. card 66-62721 Y 4.Sci 2 : 89-2/7/v. 1, 2
v. 1. July 20-Sept. 19, 1966. 1966. iv+1-604 p. il.
v. 2. July 20-Sept. 19, 1966. 1966. iii+605-915 p. il.

Small Business, Select Committee on, House Washington, D.C. 20515

- 17395 Activities of regulatory and enforcement agencies relating to small business, hearings before subcommittee no. 6, 89th Congress, 2d session, pursuant to H. Res. 13. ● Item 1031
L.C. card 66-62723 Y 4.Sm 1 : R 26/3/966/pt. 2
pt. 2. Federal Communications Commission, Mar. 15-July 28, 1966. 1966. vi+385-769+A 323-A 686 p. il. †

Un-American Activities Committee, House Washington, D.C. 20515

- 17396 Hearings regarding H.R. 15678, H.R. 15689, H.R. 15744, H.R. 15754, and H.R. 16099, bills to curb terrorist organizations, hearings, 89th Congress, 2d session, July 20-22, 1966. 1966. v+1399-1521+v p. * Paper, 40c.
● Item 1026
L.C. card 66-62815 Y 4.Un 1/2 : T 27

Veterans' Affairs Committee, House Washington, D.C. 20515

- 17397 Benefits provided former members of United States Armed Forces in Republic of Philippines, hearings, 89th Congress, 2d session, on H.R. 16330 and H.R. 16367, Aug. 2, 1966. 1966. iii+4313-42 p. † ● Item 1027
L.C. card 66-62070 Y 4.V 64/3 : B 43/13

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Ways and Means Committee, House
Washington, D.C. 20515

- 17398 Legislative history of H.R. 8000, 88th Congress, Interest equalization tax act, Public law 88-563. 1966. ix+1257 p. * Paper, \$3.75.
L.C. card 66-65708 Y 4.W 36: T 19/39
- 17399 Legislative history of H.R. 12752, 89th Congress, Tax adjustment act of 1966, Public law 89-368. 1966. xi+1260 p. il. [Page numbered 474 is blank, but no text has been omitted.] ‡
L.C. card 66-62739 Y 4.W 36: T 19/38
- 17400 President's proposal on suspension of investment credit and application of accelerated depreciation, hearings, 89th Congress, 2d session, on H.R. 17607, Sept. 12-16, 1966. 1966. xi+519 p. † ● Item 1028
L.C. card 66-62617 Y 4.W 36: C 86
- 17401 Written statements by interested individuals and organizations on H.R. 6958, Treasury proposal to amend Internal revenue code to promote savings under automatic data processing system; June 13, 1966. 1966. iii+24 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 66-62307 Y 4.W 36: In 8/24

SENATE
Washington, D.C. 20510

- 17402 Factual campaign information; compiled by Senate Library under direction of Emery L. Frazier, Secretary of Senate, Richard D. Hupman, Librarian, Revised Sept. 24, 1966. 1966. iii+98 p. 1 tab. ‡
L.C. card 56-60948 Y 1.3: C 15/2/966-3

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 89th Congress.

- 17403 41. Amendments to request for appropriations for Department of Army, Corps of Engineers, civil, fiscal year 1966. July 14, 1965. 3 p. † (Not sent to depository libraries)
- 17404 105. Our Capitol, factual information pertaining to our Capitol and places of interest in National Capital [with reference list; prepared by Emery L. Frazier]. 1966. iv+84 p. il. * Paper, 35c. ● Item 996
L.C. card 63-62294
- 17405 116. Where our Nation stands at home and abroad, Republican report on 2d session, 89th Congress, by Everett McKinley Dirksen of Illinois, minority leader; Oct. 14, 1966. 1966. [1]+15 p. † ● Item 996
- 17406 117. Proposed supplemental appropriations for various agencies, fiscal year 1967. Oct. 17, 1966. 5 p. † ● Item 996
- 17407 118. Record of press conference statements made by Everett McKinley Dirksen and Gerald R. Ford for Republican Leadership of Congress; Oct. 14, 1966. 1966. v+36 p. † ● Item 996
L.C. card 64-60501
- 17408 124, pt. 1. Profile of youth, 1966, report prepared for Subcommittee on Employment, Manpower, and Poverty of Committee on Labor and Public Welfare, by Legislative Reference Service, Library of Congress, pt. 1; Aug. 1966. 1966. xvi+1-317 p. il. * Paper, \$1.00. (To be sent to depository libraries in Serial set binding)
L.C. card 66-62582
Same: pt. 2; Aug. 1966. 1966. xxix+319-908 p. * Paper, \$1.75. (To be sent to depository libraries in Serial set binding)
L.C. card 66-62582

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 89th Congress. † Senate Document Room, Capitol. ● Item 1008-B (except Reports 343, 356, 457, and 636).

- 17409 343. Roza Feuer. Report from Committee on Judiciary to accompany S. 864. June 22, 1965. 4 p. (Not sent to depository libraries)
- 17410 356. Frantisek Vohryzka. Report from Committee on Judiciary to accompany S. 943. June 22, 1965. 8 p. (Not sent to depository libraries)

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Senate reports on private bills, 89th Congress—Continued

- 17411 457. Mrs. Hertha L. Wohlmuth. Report from Committee on Judiciary Committee to accompany S. 711. July 15, 1965. 8 p. (Not sent to depository libraries)
- 17412 636. Miloye M. Sokitch. Report from Committee on Judiciary to accompany S. 356. Aug. 20, 1965. 13 p. (Not sent to depository libraries)
- 17413 1286. Authorizing Eugene J. Keogh to accept award of Order of Isabella the Catholic. Report from Committee on Foreign Relations to accompany H.R. 11227. June 17, 1966. 1 p.
- 17414 1621. Amending act of June 10, 1844, in order to clarify corporate name of Georgetown University, and for other purposes. Report from Committee on District of Columbia to accompany H.R. 16863. Sept. 20, 1966. 4 p.
- 17415 1680. Conveying certain mineral interests to Allen E. Dominick. Report from Committee on Interior and Insular Affairs to accompany S. 1101. Oct. 6, 1966. 5 p.
- 17416 1697. Conveying certain lands in Inyo County, Calif. Report from Committee on Interior and Insular Affairs to accompany H.R. 9520. Oct. 7, 1966. 5 p.
- 17417 1698. Authorizing Secretary of Interior to convey certain lands in Plumas County, Calif., to C. A. Lundy. Report from Committee on Interior and Insular Affairs to accompany H.R. 3104. Oct. 7, 1966. 5 p.
- 17418 1744 For relief of widow of Albert M. Pepoon. Report from Committee on Post Office and Civil Service to accompany S. 2205. Oct. 14, 1966. 4 p.
- 17419 1749. CWO Glen Zeigler. Report from Committee on Judiciary to accompany S. 2798. Oct. 18, 1966. 4 p.
- 17420 1755. Tri-States Construction Co., Inc. Report from Committee on Judiciary to accompany H.R. 12237. Oct. 18, 1966. 26 p.
- 17421 1757. Robert A. Ivins. Report from Committee on Judiciary to accompany H.R. 13683. Oct. 18, 1966. 4 p.
- 17422 1760. Walter W. Taylor. Report from Committee on Judiciary to accompany H.R. 15251. Oct. 18, 1966. 4 p.
- 17423 1761. Leonard G. Duffy. Report from Committee on Judiciary to accompany H.R. 15297. Oct. 18, 1966. 3 p.
- 17424 1772. Henriette Lecordier Redmon. Report from Committee on Judiciary to accompany S. 2474. Oct. 18, 1966. 4 p.
- 17425 1778. John W. Rogers. Report from Committee on Judiciary to accompany S. 3111. Oct. 18, 1966. 3 p.
- 17426 1780. Estate of Patrick E. Eagan. Report from Committee on Judiciary to accompany S. 3144. Oct. 18, 1966. 3 p.
- 17427 1782. Dr. Pablo A. Suarez. Report from Committee on Judiciary to accompany S. 3241. Oct. 18, 1966. 4 p.
- 17428 1784. Mary Rose Giannone. Report from Committee on Judiciary to accompany S. 3564. Oct. 18, 1966. 5 p.
- 17429 1785. Dr. Sherif Shafey. Report from Committee on Judiciary to accompany S. 3572. Oct. 18, 1966. 8 p.
- 17430 1789. Bryce A. Smith. Report from Committee on Judiciary to accompany H.R. 3075. Oct. 18, 1966. 7 p.
- 17431 1793. Albert Carter. Report from Committee on Judiciary to accompany H.R. 3537. Oct. 18, 1966. 7 p.
- 17432 1795. Jean A. Quaintance. Report from Committee on Judiciary to accompany H.R. 4077. Oct. 18, 1966. 6 p.
- 17433 1803. Certain civilian employees of Department of Army at Fort Sam Houston, Tex. Report from Committee on Judiciary to accompany H.R. 9217. Oct. 18, 1966. 6 p.
- 17434 1808. Kim Kap Yung. Report from Committee on Judiciary to accompany H.R. 12826. Oct. 18, 1966. 4 p.
- 17435 1823. Ernesto Sanchez Jerez. Report from Committee on Judiciary to accompany S. 3278. Oct. 18, 1966. 6 p.
- 17436 1824. Nachman Bench. Report from Committee on Judiciary to accompany S. 3559. Oct. 18, 1966. 7 p.
- 17437 1829. Juanita Cereguine de Burgh. Report from Committee on Judiciary to accompany H.R. 3689. Oct. 18, 1966. 4 p.
- 17438 1832. Hye Suk Paeng and Mi Kung Paeng (Patricia Ann). Report from Committee on Judiciary to accompany S. 3137. Oct. 18, 1966. 7 p.
- 17439 1883. Dr. Eric J. Lazaro. Report from Committee on Judiciary to accompany H.R. 3526. Oct. 20, 1966. 5 p.
- 17440 1884. Dr. Julio Cesar Muniz y Sotolongo. Report from Committee on Judiciary to accompany H.R. 3531. Oct. 20, 1966. 4 p.
- 17441 1886. Ernest Buillet. Report from Committee on Judiciary to accompany H.R. 3879. Oct. 20, 1966. 7 p.
- 17442 1887. Dr. Jorge Ignacio Miquel Franca. Report from Committee on Judiciary to accompany H.R. 5622. Oct. 20, 1966. 4 p.
- 17443 1888. Dr. Jose A. G. Mendoza. Report from Committee on Judiciary to accompany H.R. 6115. Oct. 20, 1966. 4 p.
- 17444 1889. Dr. Bienvenido Benach Carreras. Report from Committee on Judiciary to accompany H.R. 6226. Oct. 20, 1966. 4 p.
- 17445 1890. Dr. Antonio U. Catasus. Report from Committee on Judiciary to accompany H.R. 6443. Oct. 20, 1966. 5 p.
- 17446 1891. Dr. Myriam de la Caridad Ares y Fernandez de Bosch. Report from Committee on Judiciary to accompany H.R. 6899. Oct. 20, 1966. 4 p.
- 17447 1892. Dr. Ricardo R. Fuste. Report from Committee on Judiciary to accompany H.R. 7341. Oct. 20, 1966. 3 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

- 17448 1894. Dr. Luis E. Bencomo. Report from Committee on Judiciary to accompany H.R. 10253. Oct. 20, 1966. 3 p.
- 17449 1895. Dr. Allan Bauman. Report from Committee on Judiciary to accompany H.R. 10259. Oct. 20, 1966. 5 p.
- 17450 1896. Gloria Alesna Relampagos. Report from Committee on Judiciary to accompany H.R. 10832. Oct. 20, 1966. 7 p.
- 17451 1897. Dr. Pedro Raphael. Report from Committee on Judiciary to accompany H.R. 11224. Oct. 20, 1966. 3 p.
- 17452 1898. Julieta Gloria Bersamin. Report from Committee on Judiciary to accompany H.R. 11254. Oct. 20, 1966. 6 p.
- 17453 1900. Dr. Juan Antonio Dumois. Report from Committee on Judiciary to accompany H.R. 11640. Oct. 20, 1966. 3 p.
- 17454 1902. Muriel Williams. Report from Committee on Judiciary to accompany H.R. 11957. Oct. 20, 1966. 4 p.
- 17455 1906. Mario P. Navarro. Report from Committee on Judiciary to accompany H.R. 13101. Oct. 20, 1966. 2 p.
- 17456 1909. Dr. Ali Haji-Morad. Report from Committee on Judiciary to accompany H.R. 15488. Oct. 20, 1966. 5 p.
- 17457 1910. Vicente Fernandez Marino. Report from Committee on Judiciary to accompany H.R. 16522. Oct. 20, 1966. 2 p.
- 17458 1915. Nermín Demirbag Lavapies. Report from Committee on Judiciary to accompany H.R. 13192. Oct. 20, 1966. 6 p.

Senate reports on public bills, 89th Congress. † Senate Document Room, Capitol. (Nos. 1721 and 1724 are sold by Superintendent of Documents.)

● Item 1008-A (except Reports 245, 247, and 265)

- 17459 245. National Technical Institute for the Deaf act. Report from Committee on Labor and Public Welfare to accompany H.R. 7031. May 25, 1965. 10 p. (Not sent to depository libraries)
- 17460 247. Older Americans act of 1965. Report from Committee on Labor and Public Welfare to accompany H.R. 3708. May 26, 1965. 12 p. (Not sent to depository libraries)
L.C. card 65-61732
- 17461 265. Antitrust and monopoly activities, 1964. Report of Committee on Judiciary, by Subcommittee on Antitrust and Monopoly pursuant to S. Res. 262, 88th Cong., 2d sess. together with individual views; May 27, 1965. 1965. 16 p. (Not sent to depository libraries)
L.C. card 65-61735
- 17462 1426. Alaska Experiment Station. Report from Committee on Agriculture and Forestry to accompany S. 3421. Aug. 3, 1966. 2 p.
- 17463 1427. Delete interest rate limitation on debentures issued by Federal intermediate credit banks. Report from Committee on Agriculture and Forestry to accompany S.J. Res. 178. Aug. 3, 1966. 4 p.
- 17464 1428. FNMA amendments of 1966. Report from Committee on Banking and Currency to accompany S. 3688. Aug. 3, 1966. 4 p.
- 17465 1429. Approving contract negotiated with El Paso County Improvement District No. 1, Tex., authorizing execution, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 11671. Aug. 4, 1966.
- 17466 1430. Exchange of fluorspar and ferromanganese. Report from Committee on Armed Services to accompany H.R. 15485. Aug. 4, 1966. 4 p.
- 17467 1456. Authorizing Administrator of General Services to accept title to John Fitzgerald Kennedy Library, and for other purposes. Report from Committee on Government Operations to accompany H.J. Res. 1207. Aug. 11, 1966. 21 p.
- 17468 1465. Authorizing printing of additional copies of veterans' benefits calculator. Report from Committee on Rules and Administration to accompany H. Con. Res. 52. Aug. 17, 1966. 1 p.
- 17469 1466. Authorizing printing as House document of report on arrangements for 100th anniversary of 2d inaugural of Abraham Lincoln. Report from Committee on Rules and Administration to accompany H. Con. Res. 373. Aug. 17, 1966. 1 p.
- 17470 1468. Authorizing printing of additional copies of House report 973 (on S. 2300. River and harbor, beach erosion, flood control projects and water supply). Report from Committee on Rules and Administration to accompany H. Con. Res. 579. Aug. 17, 1966. 1 p.
- 17471 1469. Authorizing printing of additional copies of House hearings on H.R. 6991 (Public works and economic development act of 1965). Report from Committee on Rules and Administration to accompany H. Con. Res. 580. Aug. 17, 1966. 1 p.
- 17472 1470. Authorizing printing of Constitution of United States as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 599. Aug. 17, 1966. 1 p.
- 17473 1472. Authorizing printing of additional copies of committee print entitled Conflicts between Federal research programs and Nation's goals for higher education. Report from Committee on Rules and Administration to accompany H. Con. Res. 619. Aug. 17, 1966. 1 p.
- 17474 1475. Authorizing printing of additional copies of committee print entitled Study of Federal credit programs. Report from Committee on Rules and Administration to accompany H. Con. Res. 666. Aug. 17, 1966.
- 17475 1484. Airlift of mail for members of U.S. Armed Forces overseas. Report from Committee on Post Office and Civil Service to accompany H.R. 13448. Aug. 19, 1966. 10 p.

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 89th Congress—Continued

- 17476 1488. Retirement benefits for employees of Botanic Garden. Report from Committee on Post Office and Civil Service to accompany H.R. 6686. Aug. 24, 1966. 3 p.
- 17477 1499. Obstruction of criminal investigations. Report from Committee on Judiciary to accompany S. 2188. Aug. 24, 1966. 10 p.
- 17478 1502. Enlargement of jurisdiction of Federal district courts with respect to petitions for habeas corpus by persons in custody under judgments and sentences of State courts. Report from Committee on Judiciary to accompany S. 3576. Aug. 24, 1966. 11 p.
- 17479 1504. Tenure for judges of U.S. District Court of Puerto Rico. Report from Committee on Judiciary to accompany H.R. 3999. Aug. 24, 1966. 7 p.
- 17480 1505. Bible Translation Day. Report from Committee on Judiciary to accompany S.J. Res. 169. Aug. 24, 1966. 1 p.
- 17481 1506. Authorizing holding of U.S. District Court for District of Connecticut at New London. Report from Committee on Judiciary to accompany H.R. 2653. 3 p.
- 17482 1507. Permitting Indian tribes to maintain civil actions in Federal district courts without regard to \$10,000 limitation. Report from Committee on Judiciary to accompany S. 1356. Aug. 24, 1966. 5 p.
- 17483 1518. Amending law establishing revolving fund for expert assistance loans to Indian tribes. Report from Committee on Interior and Insular Affairs to accompany S. 3354. Aug. 24, 1966. 4 p.
- 17484 1534. Parcel post. Report from Committee on Post Office and Civil Service to accompany H.R. 14904. Aug. 26, 1966. 23 p.
- 17485 1535. District of Columbia certified public accountancy act of 1966. Report from Committee on District of Columbia, to accompany H.R. 13558. Aug. 26, 1966. 7 p.
- 17486 1536. Providing alternate method for acquisition of site for Shaw Junior High School. Report from Committee on District of Columbia to accompany H.R. 15858. Aug. 26, 1966. 2 p.
- 17487 1544. Amendment to Connally hot oil act. Report from Committee on Commerce to accompany H.R. 10860. Aug. 30, 1966. 4 p.
- 17488 1557. Establishment of public college of arts and sciences and public junior-vocational college in District of Columbia. Report from Committee on District of Columbia to accompany S. 293. Aug. 31, 1966. 16 p.
- 17489 1580. Authorizing Board of Regents of Smithsonian Institution to negotiate cooperative agreements granting concessions at National Zoological Park to certain nonprofit organizations and to accept voluntary services of such organizations or of individuals, and for other purposes. Report from Committee on Rules and Administration to accompany S. 3230. Aug. 31, 1966. 3 p.
- 17490 1592. Hudson River Basin compact. Report from Committee on Interior and Insular Affairs to accompany H.R. 13508. Sept. 8, 1966. 20 p.
- 17491 1593. Directing Secretary of Interior to reinstate certain oil and gas lease. Report from Committee on Interior and Insular Affairs to accompany S. 2918. Sept. 8, 1966. 4 p.
- 17492 1594. Extending authority for payment of special allowances to evacuated dependents of members of uniformed services. Report from Committee on Armed Services to accompany H.R. 11979. Sept. 9, 1966. 6 p.
- 17493 1595. Authorizing grade of brigadier general in Medical Service Corps of Regular Army. Report from Committee on Armed Services to accompany H.R. 11488. Sept. 9, 1966. 6 p.
- 17494 1596. Authorizing Regular commissions for male nurses and medical specialists in Army, Navy, and Air Force. Report from Committee on Armed Services to accompany H.R. 420. Sept. 9, 1966. 21 p.
- 17495 1630. Providing for conveyance of certain real property to Commonwealth of Puerto Rico. Report from Committee on Interior and Insular Affairs to accompany H.R. 3433. Sept. 21, 1966. 5 p.
- 17496 1661. Assistance to certain veterans for summer courses of education. Report from Committee on Labor and Public Welfare to accompany S. 3805. Sept. 28, 1966. 5 p.
- 17497 1662. Proposed amendment to Atomic Energy's fiscal year 1967 authorization act pertaining to nuclear power-desalting facility. Report from Joint Committee on Atomic Energy to accompany S. 3807. Sept. 28, 1966. 8 p.
- 17498 1671. Aid to Menominee County. Report from Committee on Labor and Public Welfare to accompany H.R. 8034. Sept. 30, 1966. 6 p.
- 17499 1674. Elementary and secondary education amendments of 1966. Report together with supplemental and individual views from Committee on Labor and Public Welfare to accompany S. 3046. Oct. 3, 1966. 155 p.
- 17500 1678. Florence agreement implementation legislation. Report from Committee on Finance to accompany H.R. 8664. Oct. 5, 1966. 33 p.
- 17501 1682. Guadalupe Mountains National Park, Tex. Report from Committee on Interior and Insular Affairs to accompany H.R. 698. Oct. 6, 1966. 10 p. L.C. card 66-62844
- 17502 1684. Providing for disposition of judgment funds on deposit to credit of Skokomish Tribe of Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 3596. Oct. 6, 1966. 9 p.
- 17503 1685. Providing for disposition of funds appropriated to pay judgments in favor of Miami Indians of Indiana and Oklahoma. Report from Committee on Interior and Insular Affairs to accompany H.R. 7466. Oct. 6, 1966. 12 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

- 17504 1686. Providing for disposition of funds appropriated to pay judgment in favor of Quileute Tribe of Indians, including Hoh Tribe. Report from Committee on Interior and Insular Affairs to accompany H.R. 10633. Oct. 6, 1966. 21 p.
- 17505 1687. Providing for disposition of funds appropriated to pay judgment in favor of Ojibwa and Missouri Tribe of Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 10674. Oct. 6, 1966. 12 p.
- 17506 1688. Providing for disposition of funds appropriated to pay judgment in favor of Duwamish Tribe of Indians in Indian Claims Commission docket 109, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 10747. Oct. 6, 1966. 6 p.
- 17507 1689. Providing for disposition of funds appropriated to pay judgment in favor of Nooksack Tribe of Indians. Report from Committee on Interior and Insular Affairs to accompany H.R. 12437. Oct. 6, 1966. 10 p.
- 17508 1690. Permitting persons from countries friendly to United States to receive instruction at service academies. Report from Committee on Armed Services to accompany S. 3887. Oct. 6, 1966. 4 p.
- 17509 1691. Special leave for member of uniformed service who voluntarily extends tour of duty in hostile fire area. Report from Committee on Armed Services, to accompany H.R. 15748. Oct. 6, 1966. 3 p.
- 17510 1692. Travel and transportation allowances of certain members of uniformed services released from active duty. Report from Committee on Armed Services to accompany H.R. 266. Oct. 6, 1966. 5 p.
- 17511 1693. Limiting revocation of retired pay. Report from Committee on Armed Services to accompany H.R. 5297. Oct. 6, 1966. 4 p.
- 17512 1694. Permitting members of Armed Forces to be assigned or detailed to Environmental Science Services Administration, Department of Commerce. Report from Committee on Armed Services, to accompany H.R. 17119. Oct. 6, 1966. 4 p.
- 17513 1695. Military construction appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17637. Oct. 7, 1966. 33 p.
- 17514 1696. Transferring to Atomic Energy Commission complete administrative control of approximately 78 acres of public domain land located in Otowi section near Los Alamos County. Report from Committee on Interior and Insular Affairs to accompany H.R. 16813. Oct. 7, 1966. 4 p.
- 17515 1699. Providing for reimbursement to Wyoming for improvements made on certain lands in Sweetwater County, Wyo. Report from Committee on Interior and Insular Affairs to accompany S. 84. Oct. 7, 1966. 6 p.
- 17516 1702. Authorizing disposal of Government-owned long-lines communication facilities in Alaska. Report from Committee on Armed Services to accompany S. 2444. Oct. 10, 1966. 19 p.
- 17517 1703. Authorizing long-term leases on San Xavier and Salt River Pima-Maricopa Indian Reservation, Ariz. Report from Committee on Interior and Insular Affairs to accompany H.R. 7648. Oct. 10, 1966. 11 p.
- 17518 1704. Providing for popular election of Governor of Guam, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 11775. Oct. 10, 1966. 29 p.
- 17519 1705. Providing for popular election of Governor of Virgin Islands and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 11777. Oct. 10, 1966. 29 p.
- 17520 1706. District of Columbia appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 17636. Oct. 11, 1966. 25 p.
- 17521 1707. Foreign investors tax act of 1966, Presidential election campaign fund act, and other amendments. Report of Committee on Finance to accompany H.R. 13103, Oct. 11, 1966. 1966. vi+80 p.
- 17522 1708. Federal tax lien act of 1966. Report of Committee on Finance to accompany H.R. 11256; Oct. 11, 1966. 1966. v+36 p.
- 17523 1710. Reserve for certain guaranteed debt obligations. Report from Committee on Finance to accompany H.R. 11782. Oct. 11, 1966. 9 p.
- 17524 1711. Deductibility of accrued vacation pay. Report from Committee on Finance to accompany H.R. 16774. Oct. 11, 1966. 3 p.
- 17525 1712. Manpower development and training amendments of 1966. Report from Committee on Labor and Public Welfare to accompany H.R. 16715. Oct. 12, 1966. 20 p.
- 17526 1713. Model secondary school for the deaf act. Report from Committee on Labor and Public Welfare to accompany S. 3758. Oct. 12, 1966. 5 p.
- 17527 1714. Veterinary medical education act of 1966. Report from Committee on Labor and Public Welfare to accompany H.R. 3348. Oct. 12, 1966. 9 p.
- 17528 1715. International education act of 1966. Report from Committee on Labor and Public Welfare to accompany H.R. 14643. Oct. 12, 1966. 21 p.
- 17529 1716. U.S. Committee on Human Rights. Report from Committee on Foreign Relations to accompany S. 3101. Oct. 12, 1966. 5 p.
- 17530 1717. Location of Colorado River in Palo Verde Irrigation District, Calif. Report from Committee on Interior and Insular Affairs to accompany H.R. 13955. Oct. 12, 1966. 25 p.
- 17531 1718. Amending Railroad retirement act of 1937 and Railroad retirement tax act. Report from Committee on Labor and Public Welfare together with individual views to accompany H.R. 17285. Oct. 13, 1966. 37 p.
- 17532 1719. Amending Railroad retirement act of 1937. Railroad unemployment insurance act and Railroad retirement tax act. Report together with individual views from Committee on Labor and Public Welfare to accompany H.R. 14355. Oct. 13, 1966. 53 p.
- 17533 1720. Public works authorization, 1966, rivers and harbors, flood control and multiple-purposes project. Report of Committee on Public Works to accompany S. 3906; Oct. 13, 1966. 1966. iv+88 p.

GOVERNMENT PUBLICATIONS

Senate reports on public bills, 89th Congress—Continued

- 17534 1721. Tax consequences of contributions to needy older relatives. Report by Special Committee on Aging together with minority views; Oct. 13, 1966. 1966. iii+31 p. * Paper, 15c.
- 17535 1722. Allied health professions personnel training act of 1966. Report from Committee on Labor and Public Welfare to accompany H.R. 13196. Oct. 13, 1966. 45 p. L.C. card 66-62967
- 17536 1723. Income tax treatment of certain distributions pursuant to Bank holding company act of 1956. Report from Committee on Finance to accompany H.R. 11257. Oct. 13, 1966. 11 p.
- 17537 1724. Suspensions of investment credit and accelerated depreciation. Report of Committee on Finance to accompany H.R. 17607; Oct. 13, 1966. 1966. iv+45 p. * Paper, 25c.
- 17538 1725. Weather modification act of 1966. Report from Committee on Commerce to accompany S. 2916. Oct. 13, 1966. 40 p.
- 17539 1726. Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 18119. Oct. 13, 1966. 24 p.
- 17540 1727. Education and training in Veterans' Administration hospitals, and exchange of medical techniques and information. Report from Committee on Labor and Public Welfare to accompany H.R. 11631. Oct. 13, 1966. 43 p.
- 17541 1730. Executive salary positions for officers of Smithsonian Institution. Report from Committee on Post Office and Civil Service to accompany H.R. 15727. Oct. 14, 1966. 5 p. [Corrected copy.]
- 17542 1731. Providing for acquisition and preservation of property known as Ansley Wilcox House in Buffalo, N.Y., as national historic site. Report from Committee on Interior and Insular Affairs to accompany H.R. 2600. Oct. 14, 1966. 5 p.
- 17543 1737. Authorizing printing of report entitled International education, past, present, problems and prospects as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 1007. Oct. 14, 1966. 1 p.
- 17544 1738. Authorizing printing of additional copies of House hearings entitled World war on hunger. Report from Committee on Rules and Administration to accompany H. Con. Res. 1017. Oct. 14, 1966. 1 p.
- 17545 1739. Authorizing printing of pamphlet entitled Our American Government, what is it? how does it function? as House document. Report from Committee on Rules and Administration to accompany H. Con. Res. 1022. Oct. 14, 1966. 1 p.
- 17546 1741. Authorizing appointment of special subcommittee of Committee on Judiciary to study encroachments by executive and judicial branches upon powers of Congress. Report from Committee on Rules and Administration to accompany S. Res. 305. Oct. 14, 1966. 2 p.
- 17547 1742. Increased annuities for widows of former Lighthouse Service employees. Report from Committee on Commerce to accompany S. 2980. Oct. 14, 1966. 7 p.
- 17548 1745. Authorizing study of facilities and services to be furnished visitors and students coming to Nation's Capital. Report from Committee on Interior and Insular Affairs to accompany H.R. 14604. Oct. 17, 1966. 6 p.
- 17549 1746. 25th anniversary of Seabees and 100th anniversary of Navy Civil Engineer Corps medal. Report from Committee on Banking and Currency to accompany S. 3881. [1966.] 14 p.
- 17550 1747. Amending act entitled Act to establish Advisory Commission on Intergovernmental Relations, approved Sept. 24, 1959. Report from Committee on Government Operations to accompany H.R. 15335. Oct. 18, 1966. 8 p.
- 17551 1748. To further codify titles 10 and 37 of United States Code. Report from Committee on Judiciary to accompany H.R. 9778. Oct. 18, 1966. 62 p.
- 17552 1763. Vietnam era veterans' readjustment assistance act. Report from Committee on Finance to accompany S. 3580. Oct. 18, 1966. 18 p.
- 17553 1765. Veterans pension act of 1966. Report from Committee on Finance to accompany H.R. 17488. Oct. 18, 1966. 23 p.
- 17554 1770. Amendment of provisions of title 18 of United States Code relating to offenses committed in Indian country. Report from Committee on Judiciary to accompany H.R. 872. Oct. 18, 1966. 10 p.
- 17555 1797. Habeas corpus, State custody. Report from Committee on Judiciary to accompany H.R. 5958. Oct. 18, 1966. 32 p.
- 17556 1834. Providing for control or elimination of jellyfish and other pests. Report from Committee on Commerce to accompany H.R. 11475. Oct. 18, 1966. 7 p.
- 17557 1835. Sale of grain storage facilities. Report from Committee on Agriculture and Forestry to accompany H.R. 12360. Oct. 18, 1966. 5 p.
- 17558 1836. Fair farm budget. Report from Committee on Agriculture and Forestry to accompany S. 3699. Oct. 18, 1966. 6 p.
- 17559 1841. Supplemental appropriation bill, 1967. Report from Committee on Appropriations to accompany H.R. 18381. Oct. 19, 1966. 29 p.
- 17560 1866. Federal firearms amendments of 1966. Report together with individual views from Committee on Judiciary to accompany S. 3767. Oct. 19, 1966. 101 p.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17561 1881. Operation of art. 7, NATO status of forces treaty. Report of Committee on Armed Services made by its Subcommittee on Operations of Art. 7 of NATO Status of Force Agreement, to review for period Dec. 1, 1964–Nov. 30, 1965, operation of Art. 7 of agreement between parties to North Atlantic Treaty, together with other criminal jurisdictional arrangements throughout world; Oct. 19, 1966. 1966. iii+15 p. il.
L.C. card 56-61872
- 17562 1917. Income tax treatment of casualty losses attributable to major disasters, etc. Report from Committee on Finance to accompany H.R. 7502. Oct. 21, 1966. 9 p.

Aging, Special Committee on, Senate
Washington, D.C. 20510

- 17563 Needs for services revealed by operation Medicare Alert, hearing before Subcommittee on Federal, State, and Community Services, 89th Congress, 2d session, June 2, 1966. 1966. iii+105 p. * Paper, 30c. ● Item 1009
L.C. card 66-62430 Y 4.Ag 4: Se 6/4

Agriculture and Forestry Committee, Senate
Washington, D.C. 20510

- 17564 Approval of cherry marketing orders, hearing before subcommittee, 89th Congress, 2d session, on S. 3420, Oct. 11, 1966. 1966. iii+41 p. †
● Item 1032
L.C. card 66-62817 Y 4.Ag 8/2: C 42
- 17565 Classification of Department of Agriculture budget, hearing before subcommittee, 89th Congress, 2d session, on S. 3699, Oct. 11, 1966. 1966. iii+37 p. † ● Item 1032
L.C. card 66-62818 Y 4.Ag 8/2: Ag 8/21

Appropriations Committee, Senate
Washington, D.C. 20510

- 17566 Department of Defense appropriations for fiscal year 1967, hearings, 89th Congress, 2d session, on H.R. 15941. † ● Item 1033
L.C. card 60-61493 Y 4.Ap 6/2: D 36/4/967/pt.2
pt. 2. 1966. ii+749+xxx1 p. il.
- 17567 Departments of State, Justice, and Commerce, the judiciary, and related agencies appropriations, fiscal year 1967, hearings before subcommittee, 89th Congress, 2d session, on H.R. 18119. 1966. ii+783+xii p. il. †
● Item 1033
L.C. card 60-61699 Y 4.Ap 6/2: St 2/967
- 17568 Foreign assistance and related agencies appropriations for fiscal year 1967, hearings, 89th Congress, 2d session, on H.R. 17788. 1966. ii+391+vii p. il. † ● Item 1033
L.C. card 66-62645 Y 4.Ap 6/2: F 76/7/967
- 17569 Supplemental appropriations for fiscal year 1967, hearings, 89th Congress, 2d session, on H.R. 18381. 1966. ii+468+vii p. † ● Item 1033
L.C. card 66-65713 Y 4.Ap 6/2: Ap 6/2/967

Armed Services Committee, Senate
Washington, D.C. 20510

- 17570 Imprisonment and escape of Lt. (jg.) Dieter Dengler, USNR, hearing, 89th Congress, 2d session, testimony of Lt. (jg.) Dieter Dengler, USNR, on his escape from imprisonment after his aircraft was shot down over North Vietnam, Sept. 16, 1966. 1966. ii+28 p. † ● Item 1034
L.C. card 66-62707 Y 4.Ar 5/3: D 41
- 17571 Nominations of Paul C. Warnke and Russell D. O'Neal, hearing, 89th Congress, 2d session, on nomination of Paul C. Warnke to be General Counsel of Department of Defense, nomination of Russell D. O'Neal to be Assistant Secretary of Army, Sept. 16, 1966. 1966. iii+6 p. † ● Item 1034
L.C. card 66-62826 Y 4.Ar 5/3: W 24

GOVERNMENT PUBLICATIONS

- 17572 Operation of art. 7, NATO status of forces treaty, hearing before subcommittee, 89th Congress, 2d session, to review, for period Dec. 1, 1964-Nov. 30, 1965, operation art. 7 of agreement between parties to North Atlantic Treaty together with other criminal jurisdictional arrangements throughout world, Aug. 26, 1966. 1966. iii+23 p. il. † ● Item 1034
L.C. card 60-61696 Y 4.Ar 5/3: N 81/966

Banking and Currency Committee, Senate Washington, D.C. 20510

- 17573 Nomination of Robert L. Rand, hearing 89th Congress, 2d session, on nomination of Robert L. Rand to be member of Federal Home Loan Bank Board, Sept. 13, 1966. 1966. iii+5 p. † ● Item 1035
L.C. card 66-62417 Y 4.B 22/3: R 15/2

Commerce Committee, Senate Washington, D.C. 20510

[Committee hearings] serial, 89th Congress. † ● Item 1041

- Y 4.C 73/2: 89-(nos.)
17574 68. Abusive and harassing telephone calls, hearings before Subcommittee on Communications, 89th Congress, 2d session, on S. 2825 and S. 3072, May 11 and June 14, 1966. 1966. iii+74 p. il.
L.C. card 66-62643
17575 70. Maritime legislation (consolidation of shipping laws, restricting cargo preference shipments to U.S. vessels), hearings before Subcommittee on Merchant Marine and Fisheries, 89th Congress, 2d session, on S. 3446, S. 2600; May 26 and June 27, 1966. 1966. iii+179 p.
L.C. card 66-62830
17576 71. Amendment to Federal power act (antitrust review), hearings, 89th Congress, 2d session, on S. 3136, July 12 and 13, 1966. 1966. iv+120 p. il.
L.C. card 66-62827
17577 72. Extra-high-voltage electric transmission lines, hearings, 89th Congress, 2d session, on S. 1472, S. 2139, S. 2140, July 27-29, 1966. 1966. v+150 p. il.
L.C. card 66-62828

Congress, Special Committee on Organization of, Senate Washington, D.C. 20510

NOTE.—The Special Committee on the Organization of Congress was established by S. Res. 293, 89th Congress, 2d session.

- 17578 Organization of Congress, hearings, 89th Congress, 2d session, pursuant to S. Res. 293, Aug. 31 and Sept. 8, 1966. 1966. iii+64 p. † ● Item 1009
L.C. card 66-62618 Y 4.C 76/6: Or 3

Foreign Relations Committee, Senate Washington, D.C. 20510

- 17579 Nominations of Nicholas deB. Katzenbach, Eugene V. Rostow, and Foy D. Kohler, hearings, 89th Congress, 2d session, on nominations of Nicholas deB. Katzenbach to be Under Secretary of State, Eugene V. Rostow to be Under Secretary of State for Political Affairs, and Foy D. Kohler to be Deputy Under Secretary of State for Political Affairs, Sept. 27 and Oct. 4, 1966. 1966. iii+75 p. † ● Item 1039
L.C. card 66-65710 Y 4.F 76/2: K 15

Government Operations Committee, Senate Washington, D.C. 20510

- 17580 Atlantic Alliance, hearings before Subcommittee on National Security and International Operations, 89th Congress, 2d session. ● Item 1037
L.C. card 66-61443 Y 4.G 74/6: At 6/4/pt. 7
pt. 7. Supplement; Aug. 15, 1966. 1966. iii+221-231 p. †
17581 Intergovernmental personnel act of 1966, hearings before Subcommittee on Intergovernmental Relations, 89th Congress, 2d session, on S. 3408, Aug. 16-18, 1966. 1966. v+277 p. † ● Item 1037
L.C. card 66-65712 Y 4.G 74/6: In 8/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 17582 Population crisis, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 2d session, on S. 1676. ● Item 1037
L.C. card 66-60601 Y 4.G 74/6: P 81/966/pt. 1
pt. 1. Jan.19-Feb. 9, 1966. 1966. vi+1-292 p. il. * Paper, \$1.00.

Interior and Insular Affairs Committee, Senate
Washington, D.C. 20510

- 17583 Ecological research and surveys, hearing, 89th Congress, 2d session, on S. 2282, Apr. 27, 1966. 1966. iv+160 p. † ● Item 1040
L.C. 66-62076 Y 4.In 8/13: Ec 7
- 17584 Guadalupe Mountains National Park, hearings before Subcommittee on Parks and Recreation, 89th Congress, 1st and 2d sessions on S. 295 and H.R. 698, July 21, 1965 and Aug. 9, 1966. 1966. v+133 p. il. † ● Item 1040
L.C. card 66-62619 Y 4.In 8/13: G 93/3
- 17585 Palo Verde lands, hearings, 89th Congress, 2d session, on S. 3104, Aug. 19, 1966. 1966. iii+91 p. † ● Item 1040
L.C. card 66-62832 Y 4.In 8/13: P 18/966-2

Judiciary Committee, Senate
Washington, D.C. 20510

- 17586 Laws relating to wiretapping and eavesdropping [prepared by Grover S. Williams, Legislative Reference Service, Library of Congress], submitted by Subcommittee on Administrative Practice and Procedure; Aug. 1966. 1966. vii+63 p. (Committee print, 89th Congress, 2d session.) †
L.C. card 66-65702 Y 4.J 89/2: W 74/6
- 17587 Prices of quinine and quinidine, hearings before Subcommittee on Antitrust and Monopoly, 89th Congress, 2d session, pursuant to S. Res. 191, May 16-23, 1966. 1966. iv+170 p. il. † ● Item 1042
L.C. card 66-62489 Y 4.J 89/2: Q 4
- 17588 State Department security, 1963-65, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 89th Congress, 2d session. ● Item 1042
L. C. card 65-62350 Y 4.J 89/2: St 2/8/963-65/pt. 20
pt. 20. Otepka case 18. 1966. xiii+1655-1806+v p. il. * Paper, 45c.

Labor and Public Welfare Committee, Senate
Washington, D.C. 20510

- 17589 Amend Older Americans act of 1965, hearings before Special Subcommittee on Aging, 89th Congress, 2d session, on S. 2877 and S. 3326, May 24-June 15, 1966. 1966. v+1-199b, 200-214 p. † ● Item 1043
L.C. card 66-62074 Y 4.L 11/2: O1 1/2
- 17590 Amend sec. 302 of Taft-Hartley act, hearing before Subcommittee on Labor, 89th Congress, 2d session, on H.R. 1153, H.R. 10774, Oct. 14, 1966. 1966. v+93 p. † ● Item 1043
L.C. card 66-65714 Y 4.L 11/2: T 12/966
- 17591 Health professions personnel, hearings before Subcommittee on Employment and Manpower, 89th Congress, 2d session, on S. 3102, H.R. 13196, S. 509, H.R. 3348, Oct. 6, 1966. 1966. vi+349 p. il. † ● Item 1043
L.C. card 66-62833 Y 4.L 11/2: H 34/13
- 17592 Manpower development and training act amendments of 1966, hearing before Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d session, on H.R. 16715, Sept. 27, 1966. 1966. iii+53 p. † ● Item 1043
L.C. card 66-62712 Y 4.L 11/2: M 31/7/966

GOVERNMENT PUBLICATIONS

- 17593 Nomination, hearing, 89th Congress, 2d session, on Paul A. Miller, of West Virginia, to be Assistant Secretary of Department of Health, Education, and Welfare; Aug. 10, 1966. 1966. ii+9 p. † ● Item 1043
L.C. card 66-62259 Y 4.L 11/2: N 72/5/966-6
- 17594 Nominations, hearing, 89th Congress, 2d session, on Edgar F. Talbott, sr., Harry R. Pauley, and Charles R. Ferguson to be members of Federal Coal Mine Safety Board of Review, Aug. 30, 1966. 1966. ii+6 p. † ● Item 1043
L.C. card 66-65711 Y 4.L 11/2: N 72/5/966-7

Post Office and Civil Service Committee, Senate Washington, D.C. 20510

- 17595 Firefighters' premium pay, hearing before Subcommittee on Retirement, 89th Congress, 2d session, on H.R. 16114, Sept. 23, 1966. 1966. iii+20 p. † ● Item 1044
L.C. card 66-62835 Y 4.P 84/11: F 51
- 17596 Retirement credit for Federal-State services, hearing before Subcommittee on Retirement, 89th Congress, 2d session, on S. 898; June 24, 1966. 1966. iii+28 p. † ● Item 1044
L.C. card 66-61980 Y 4.P 84/11: R 31/10/966

Public Works Committee, Senate Washington, D.C. 20510

- 17597 Public works authorizations, 1966, rivers and harbors, flood control and multiple-purpose projects, hearings before Subcommittee on Flood Control, Rivers and Harbors, 89th Congress, 2d session, Sept. 22-26, 1966. 1966. vi+290 p. † ● Item 1045
L.C. card 66-62705 Y 4.P 96/10: P 96/7/966
- 17598 Washington Channel bridge, hearing before Subcommittee on Flood Control, Rivers and Harbors, 89th Congress, 2d session, on S. 2723, Aug. 23, 1966. 1966. iii+53 p. † ● Item 1045
L.C. card 66-62260 Y 4.P 96/10: B 76/5

Small Business, Select Committee on, Senate Washington, D.C. 20510

- 17599 Expansion of livestock exports, hearings, 89th Congress, 2d session, on potentials and problems of expanding exports of United States meat and livestock products, May 18 and 19, 1966. 1966. v+360 p. il. † ● Item 1049
L.C. card 66-62836 Y 4.Sm 1/2: L 75

CONSUMER AND MARKETING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 17600 Institutional meat purchase specifications for fresh beef, series 100; approved by USDA. Oct. 1960, slightly revised Sept. 1966. [1966.] iv+14+[1] p. il. 4° (Livestock Division.) * Paper, 20c.
A 88.17/4: B 39/966
- 17601 Know the eggs you buy, consider size, consider quality, eggs are graded for both size and quality; [colored poster]. Revised Aug. 1966. 1966. 45 x 30 in. (Poultry Division.) * Paper, \$22.50 per 100; single poster, 30c.
A 88.38: Eg 3/2/966

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

**COPYRIGHT OFFICE, Library of Congress
Washington, D.C. 20540**

Catalog of copyright entries, 3d series, v. 19. * Paper, \$20.00 a yr. (including semiannual issues of pts. 1-13); \$5.75 additional for foreign mailing. L.C. 3.6/5: v.19/pt.(nos.)/no. (nos.)

- 17602 pt. 6. Maps and atlases, no. 2; July-Dec. 1965. 1966. ix+153-249 p. 4°
● Item 797
L.C. card 6-35347
NOTE.—Part 6 is also sold separately on subscription. * Paper, \$1.00 a yr., 25c. additional for foreign mailing; single copy 50c.
- 17603 pt. 11B. Commercial prints and labels, no. 2, July-Dec. 1965. 1966. viii+75-129 p. 4° * Paper, \$2.00 a yr., 50c. additional for foreign mailing; single copy, \$1.00 ● Item 799
L.C. card 6-35347
- 17604 pts. 12-13. Motion pictures and filmstrips, no. 2, July-Dec. 1965. 1966. ix+79-143 p. 4° ● Item 800
L.C. card 6-35347
NOTE.—Parts 12-13 also sold separately on subscription. * Paper, \$1.00 a yr., 25c. additional for foreign mailing; single copy 50c.

**DEFENSE DEPARTMENT
Washington, D.C. 20301**

- 17605 Businessmen of defense, career opportunities in Defense Supply Agency. [1966.] cover title, [1]+12 p. il. oblong 8° [Foreword inserted.] †
● Item 314-A D 7.2: C 18

Defense Supply Agency handbook DSAH (series). ● Item 314-A
D 7.6/7: (nos.)

- 17606 4215.27. Industrial plant equipment handbook: FSC 4110, 4120, Refrigeration and air conditioning equipment. Sept. 1966. cover title, iii+88 p. 4° (SB 708-4100-1; NAVSUP pub. 5526; [Air Force Dept.] AFM 78-43; [Marine Corps] MCO P4870.31.) [Issued in looseleaf form.] * Paper, 60c.
- 17607 4215.28. Industrial plant equipment handbook: FSC 5430. Storage tanks. Oct. 1966. cover title, iii+108 p. 4° (SB 708-5430-1; NAVSUP PUB 5527; [Air Force Dept.] AFM 78-35; [Marine Corps] MCO P4870.32.) [Issued in looseleaf form.] * Paper, 65c.

Defense Supply Agency manual DSAM (series). ● Item 314-A

- 17608 7000.1. Accounting and finance manual. Change 11. Sept. 27, [1966]. [160] p. 4° [Issued in looseleaf form.] †
D 7.6/8: 7000.1/ch. 11

Defense Supply Agency regulation DSAR (series). ● Item 323

- 17609 4145.26. Commercial warehouse service plan for Department of Defense agencies. [Sept. 23, 1966.] [17] p. 4° ([Army Dept.] AR 740-30; NAVSUPINST 4450.19; [Marine Corps] MCO 4450.9.) [Issued in looseleaf form. Supersedes Joint regulation AR 740-30. NAVSANDS Pub. 257, AFR 67-73, NAVMC 2517, Aug. 28, 1959.] * Paper, 15c.
D 7.6/6: 4145.26

- 17610 Defense Supply Agency provides logistics support for military services. 1966. [2] p. il. oblong 8°, folded into narrow 8° size. † ● Item 314-A
D 7.2: L 82/2

Federal supply catalog: Department of Defense Section. (Defense Supply Agency.) [Issued with perforations.]

- 17611 C6145-IL-CB3. Consolidated identification list for test evaluation FSC class 6145, wire and cable, electrical, Change bulletin 3; [effective Dec. 1, 1966.] [1966.] [72] p. il. 4° (Defense Industrial Supply Center, Philadelphia, Pa.) [Supersedes C6145-IL-CB2 dated Sept. 1, 1966.] * Paper, \$5.50 (including basic book and 3 cumulative changes); \$1.25 additional for foreign mailing.
D 7.9: C 6145-IL-CB3

HQM (series). (Defense Supply Agency, Cameron Station, Alexandria, Va.)

- 17612 5100.1. Headquarters organization, missions and functions, Change 3. Oct. 1, [1966]. [150] p. 4° [Issued with perforations.] † ● Item 314-A
L.C. card 66-62954 D 7.6/9: 5100.1/2/ch. 3

Logistics Research Conference [held at Airlie Conference Center, Warrenton, Va., May 26-28, 1965].

- 17613 v. 2-2. Individual professional papers pertaining to panel 2 discussion on procurement practices [with bibliography]. [1966.] cover title, [3]+87 p. il. 4° [Issued with perforations.] † ● Item 314-A
L.C. card 65-62957 D 7.2: L 82/v.2-2

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.:
PLASTECH note.

- 17614 6A. Government specifications and standards for plastics, covering defense engineering materials and applications (revised); by Norman E. Beach. July 1966. iv+97+[4] p. 4° [Issued with perforations.] * Paper, \$3.00. D 4.11/2: 6A

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

Agricultural economic reports. ● Item 42-C A 93.28: (nos.)

- 17615 97. Economic survey of Ozark region [with list of selected references; by Max F. Jordan and Lloyd D. Bender]. [July 1966.] cover title, vi+81 p. il. 4° [Prepared in cooperation with Agricultural Experiment Station, University of Arkansas. Text on p. 2 of cover.] * Paper, 50c.
L.C. card Agr. 66-359
- 17616 99. Costs of producing upland cotton in United States, 1964; [by I. R. Starbird and F. K. Hines]. [Sept. 1966.] iv+46 p. il. 4° * Paper, 30c.
L.C. card 66-62961

ERS-foreign (series).

- 17617 169. Agricultural economy of Finland [with list of selected references; by Geniana R. Edwards and Geraldine W. Abbott]. [Oct. 1966.] iv+31 p. il. 4° † ● Item 76-G
L.C. card Agr. 66-350 A 93.21/2: 169
- 17618 U.S. foreign agricultural trade by countries, calendar year 1965. Nov. 1966. [2]+91 p. 4° ([Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) (Supplement to monthly Foreign agricultural trade of United States.) † ● Item 42-E
L.C. card 66-65724 A 93.17/4: 965-2

EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, D.C. 20202

- 17619 Business management, 1965 survey of chief business officers of colleges and universities; by Leslie F. Robbins and Paul K. Nance. [1966.] v+18 p. 4° ([OE-53027; National Center for Educational Statistics.]) * Paper, 30c. ● Item 460-A-53
L.C. card HEW 66-171 FS 5.253: 53027
- 17620 Campus landscape; by Jay du Von. [1966.] [10] p. il. large 4° ([OE-51012.]) [Reprinted from American education, May 1966.] * Paper, 15c. ● Item 460-A-51 FS 5.251: 51012
- 17621 ERIC, Educational Research Information Center, national information system dedicated to progress of education through dissemination of educational research results and research-related materials. [1966.] [1]+6+[1] p. narrow 8° ([OE-12022-66.]) † ● Item 460-A-12
FS 5.212: 12022-66
- 17622 Guaranteed loans for your college education, guide to State and private nonprofit agency programs authorized by Higher education act of 1965, student bulletin. [1966.] [2] p. narrow f°, folded into narrow 8° size. ([OE-55043; Bureau of Higher Education, Division of Student Financial Aid.]) † ● Item 460-A-55 FS 5.255: 55043
- 17623 Little miracle on Chapel Street [Library Neighborhood Center in New Haven, Conn.; by Henry Drennan]. [1966.] [8] p. il. large 4° (OE-15062.) [Reprinted from American education, July-Aug. 1966.] * Paper, 15c. ● Item 460-A-15 FS 5.215: 15062
- 17624 Program evaluation and review technique, applications in education [with bibliography and source materials; by] Desmond L. Cook. [1966.] ix+100 p. il. (OE-12024; Cooperative Research monograph 17.) * Paper, 45c. ● Item 460-A-12
L.C. card HEW 66-168 FS 5.212: 12024
- 17625 Safety in your future, safety guide for pre-employment training. [1966.] 24 p. il. 12° ([OE-84032.]) [Published jointly with Labor Standards Bureau, Labor Dept.] * Paper, 15c. ● Item 460-A-84 FS 5.284: 84032

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 17626 State legislation relating to higher education, Jan. 1-Dec. 31, 1964; by S. V. Martorana and Jeanne D. Brandt. [1966.] viii+[1]+150+[2] p. 4° ([OE-50008-64.]) [Prepared under contract OE-4-99063.] * Paper, \$1.00. ● Item 460-A-50
L.C. card 66-65725 FS 5.250: 50008-64
- 17627 Training for leadership, new career development program in Office of Education. [1966.] [16] p. ([OE-11007.]) † ● Item 460-A-11
FS 5.211: 11007

EMERGENCY BOARDS (under sec. 10, Railway labor act)
Washington, D.C. 20572

- 17628 Report to the President by Emergency Board 167, appointed by Executive Order 11291 dated July 27, 1966, pursuant to sec. 10 of Railway labor act, as amended, to investigate dispute between American Airlines, Inc., and certain of its employees represented by Transport Workers Union of America, AFL-CIO (National Mediation Board case A-7789). Aug. 27, 1966. v+27 p. † ● Item S33
L.C. card A 66-7848 NMB 1.7: 167

EMPLOYMENT SECURITY BUREAU, Labor Dept.
Washington, D.C. 20210

- BES (series). ● Item 752-B
- 17629 U-141. Comparison of State unemployment insurance laws, Revision 1, series 1. [Aug. 31, 1966.] [146] p. il. [Issued in envelope, for mailing purposes.] * Paper, 75c.
L.C. card 38-26557 L 7.61: U-141/965/rev. series 1/1
- 17630 College course and beginning jobs, prospective occupations for liberal arts and science graduates. [1966.] cover title, iii+23 p. ([U.S. Employment Service.]) † ● Item 756-B
L 7.25/3: Oc 1/2

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, D.C. 20310, Attention Publications Office.

- 17631 Mainland areas of North Carolina, excluding Washington and New Bern, letter from chief of engineers, Army, submitting report on interim hurricane survey; Aug. 29, 1966. 1966. xxiii+61 p. 2 pl. 4° [Also issued as H. doc. 475, 89th Cong., 2d Sess.] † ● Item 334-A D 103.22: N 81c
- Manual EM (series). † ● Item 338-A D 103.6/3: (nos.)
- 17632 1110-2-2702. Engineering and design: Design of spillway tainter gates; Aug. 1, 1966. [1966.] cover title, i+23+[1] p. 12 pl. 4° [Issued with perforations. Rescinds EM 1110-2-2702, Nov. 1950.]
- 17633 1110-2-3501. Same: Foundation grouting, planning [with selected bibliography]; July 1, 1966. [1966.] cover title, iii+48+[19] p. il. 4° [Issued with perforations. Rescinds EM 1110-2-3501, (Apr. 1949, pt. 135, chap. 1) and Civil works engineer bulletins 51-16, 52-9, and 56-20.]
- 17634 Newark Bay, Hackensack and Passaic Rivers, N.J., letter from chief of engineers, Army, submitting report on review of reports; Sept. 12, 1966. 1966. xiii+102 p. il. 5 pl. 4° [Also issued as H. doc. 494, 89th Cong., 2d sess.] † ● Item 334-A D 103.22: N 42/2
- 17635 Outer Banks between Virginia State Line and Hatteras Inlet, N.C., letter from chief of engineers, Army, submitting report on interim hurricane survey; Aug. 29, 1966. [1966.] xxii+82 p. il. 2 pl. 4° [Also issued as H. doc. 476, 89th Cong., 2d sess.] † ● Item 334-A D 103.22: Ou 8

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION,
Commerce Dept., Washington, D.C. 20235

- 17636 Tsunami, watch and warning. [1966.] [6] p. il. narrow 8° (ESSA/PI 660026.) † C 52.2: T 78

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17637 Weather and construction industry. [1966.] 10+[2] p. il. †
C 52.2: C 76
- 17638 World weather records, 1951-60: v. 3, South America, Central America, West Indies, Caribbean, and Bermuda. 1966. vi+355 p. 2 maps. (Environmental Data Services.) * Cloth, \$2.50. ● Item 275
L.C. card 59-65360 C 30.2: W 89/951-60/v. 3

EQUAL EMPLOYMENT OPPORTUNITY COMMISSION Washington, D.C. 20506

NOTE.—The Equal Employment Opportunity Commission was established by Public Law 88-352, 88th Congress, approved July 2, 1964 (78 Stat. 241; 42 U.S.C. 2000a).

- 17639 Facts about title 7 of Civil rights act of 1964, EEOC [Equal Employment Opportunity Commission]. [1966.] [8] p. narrow 8° † ● Item 1059-A-1
Y 3.Eq 2: 2C 49/966

FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 17640 Public assistance, vendor payments for medical care by type of service, calendar year ended Dec. 31, 1965. July 28, 1966. [14] p. oblong 8° (Division of Family Services.) [Issued with perforations.] †
L.C. card HTW 62-152 FS 14.221: 965
- 17641 Questions and answers on medical assistance program [title 19 of 1965 amendments to Social security act]. Oct. 1966. cover title, vi+26 p. 4° [Preliminary.] † ● Item 468-B-1 FS 14.202: M 46/4/prelim.
- 17642 Reasons for opening and closing public assistance cases July-Dec. 1965. Aug. 1966. [2] p., 10 tab. 4° (Division of Program Statistics and Analysis.) [Issued with perforations.] † FS 14.214: 965-2
- 17643 Tabular release on concurrent receipt of public assistance and old-age, survivors, and disability insurance by persons aged 65 or over, early 1966. Sept. 1966. 2 p. 4 tab. 4° (Division of Research.) [Issued with perforations.] † FS 14.202: OI 1/2/966

FARMERS HOME ADMINISTRATION, Agriculture Dept. Washington, D.C. 20250

- 17644 Press reports, building rural America, rural areas development. [Revised Oct. 1966.] [1966.] cover title, iii+51 p. il. 4° † ● Item 68
A 84.2: P 92/966-2

FEDERAL AVIATION AGENCY Washington, D.C. 20553

Bibliographic list. (Office of Headquarters Operations, Library Services Division.)

- 17645 12. Access to airports, selected references; [compiled by Louise K. Annus]. Aug. 1966. cover title, ii+7 p. 4° † FAA 1.10/3: 12

Federal aviation regulations. [Issued in looseleaf form.]

FAA 1.6/8: pt. (nos.)

- 17646 pt. 43. Maintenance, preventive maintenance, rebuilding, and alteration. [1966.] cover title, [1]+i+9+18 p. 4° [Consolidated reprint incorporating Changes 1-6.] * Paper, 30c. ● Item 431-C-13
- 17647 pt. 67. Medical standards and certification. [1966.] cover title, [1]+i+9+1-4-1, 5-6 p. 4° [Consolidated reprint incorporating Changes 1-5.] * Paper, 25c. ● Item 431-C-13
- 17648 pt. 137. Agricultural aircraft operations. [1966.] cover title, [18] p. 4° [Consolidated reprint incorporating Changes 1 and 2 and including any additional changes published to date of purchase.] * Paper, 25c. ● Item 431-C-13

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

FEDERAL COUNCIL FOR SCIENCE AND TECHNOLOGY
Washington, D.C. 20506

ICO pamphlets. † (Interagency Committee on Oceanography.)

Y 3.F 31/16:9 (nos.)

- 17649 21. Scientific and technical personnel in oceanography. Nov. 1965. cover title, x+48 p. 4°
L.C. card 66-62955
- 17650 23. University curricula in oceanography, academic year 1965-66. Dec. 1965. [1]+ii+116 p. 4°
L.C. card 63-60379

FEDERAL EXTENSION SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 17651 Trends in forage crop varieties, 1965; [compiled by Jasper E. Jernigan]. [1966.] cover title, 59 p. 4° ([AST&M 69 (4-66).]) [Text on p. 2 of cover.] †
L.C. card 61-61193 A 43.33:965

FEDERAL HOME LOAN BANK BOARD
Washington, D.C. 20552

- 17652 Rules and regulations for Federal savings and loan system, Mar. 1, 1966, changes; pamphlet inserts 1. 1966. [18] leaves, [Issued with perforations. Covers amendments through July 1, 1966.] †
FHL 1.6: Sa 9/966/insert 1

FEDERAL MARITIME COMMISSION
Washington, D.C. 20573

- 17653 Decisions of Federal Maritime Commission: v. 8, Mar. 1964-Apr. 1965. 1966. xxi+[1]+774 p. * Cloth, \$3.50. ● Item 233-A
L.C. card 42-49992 FMC 1.10:8
- FMC-SP (series). †
- 17654 66-16. Opening remarks of John Harlee, Chairman of Federal Maritime Commission, before American Merchant Marine Conference conducted by Propeller Club of United States, Washington, D.C., Oct. 4, 1966. [1966.] 4 p. 4°
FMC 1.9: 66-16

FEDERAL POWER COMMISSION
Washington, D.C. 20426

FPC S (series).

- 17655 174. Hydroelectric plant construction cost and annual production expenses, 8th annual supplement, 1964; [prepared by Bureau of Power]. May 1966. xxvi+104 p. il. 4° * Paper, 65c. ● Item 440
L.C. card 58-61266 rev. FP 1.21: 174

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$8.00 a year, \$3.00 additional for foreign mailing; single copy, 25c.

- 17656 National electric rate book: Minnesota. July 1966. [2]+29 p. 4° [Supersedes issue of July 1965.] ● Item 437-A-21 FP 1.18: M 66/966
- 17657 — North Carolina. Aug. 1966. [2]+25 p. 4° [Supersedes issue of Sept. 1965.] ● Item 437-A-31 FP 1.18: N 81c/966
- 17658 — South Carolina. July 1966. [2]+12 p. 4° [Supersedes issue of Sept. 1965.] ● Item 437-A-38 FP 1.18: So 8c/966
- 17659 — Virginia. July 1966. [2]+18 p. 4° [Supersedes issue of Aug. 1965.] ● Item 437-A-44 FP 1.18: V 81/966

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 41

GOVERNMENT PUBLICATIONS

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, D.C. 20551

- 17660 Changes in time and savings deposits, Dec. 1965-May 1966; [prepared by Caroline H. Cagle]. [1966.] [34] p. 4° [Reprinted from Federal reserve bulletin, Aug. 1966.] † FR 1.3/a : D 441/11/965-66
- Regulation (series).
- 17661 Q. Maximum rates of interest payable on time and savings deposits by member banks, supplement to regulation Q, sec. 217.6; effective Sept. 26, 1966. [1966.] 1 p. † FR 1.6 : 937/Q/supp. 8
- 17662 Revision of money supply series; [prepared by Edward R. Fry, Darwin L. Beck, and Mary F. Weaver]. [1966.] 1303-1315 p. 4° [Reprinted from Federal reserve bulletin, Sept. 1966.] † FR 1.3/a : M 746/24/966
- 17663 Treasury and Federal reserve foreign exchange operations [Mar.-Sept. 1966; prepared by Charles A. Coombs]. [1966.] p. 1316-26, 4° [Reprinted from Federal reserve bulletin, Sept. 1966.] † FR 1.3/a : F 761/2/966-2

FEDERAL SUPPLY SERVICE, General Services Administration Washington, D.C. 20405

- 17664 Federal specifications. ● Item 563 GS 2.8:
NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.
Complete information on the Index of Federal specifications will be found in the Appendix to the February 1966 issue of the Monthly Catalog under Entry number 3052 and in the May 1966 issue under Entry number 7426.
Federal standards. [Issued with perforations.] ● Item 563 GS 2.8/3 : (nos.)
NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets, SW., Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.
- 17665 159a. Cable and wire, thermoplastic-insulated, general purpose (0-to-600-volt service), cancellation: Aug. 17, 1966. [1966.] 1 p. 4° (FSC 6145.) [Superseded by Fed. Std. no. 242a, Cable and wire, electrical (Power, fixed installation), Aug. 17, 1966.]
- 17666 199. Chair, rotary, chair straight, wood, office (unitized furniture style). Aug. 24, 1966. [2] p. 4° (AA-C-00400 (GSA-FSS), issue in effect; FSC 7110.)
- 17667 242a. Cable and wire, electrical (power, fixed installation). Aug. 17, 1966. 4 p. 4° (FSC 6145.) [Supersedes Int. Fed. std. 00242 (GSA-FSS), Aug. 12, 1965, Fed. std. 159a, Feb. 4, 1963 and Fed. std. 163a, July 26, 1963.]
- 17668 GSA stock catalog: pt. 1, General supplies, includes all items except hand tools and standard forms. Oct. 1966. cover title, 264 p. il. 4° [Text on p. 2 of cover. Pages 261-264 are left blank for notes. Price changes, [2] p. 4°, issued also.] * Paper, \$2.25 (including basic catalog and supplementary material for an indefinite period), 75c. additional for foreign mailing. ● Item 565-B
L.C. card 66-65723 GS 2.10/6 : pt. 1/966

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, D.C. 20242

- 17669 Comprehensive water pollution control program for Missouri-Souris-Red River basins. [June 1966.] [2]+12[2] p. il. narrow 8° † ● Item 473-A-1 I 67.2 : M 690
- 17670 New water for old, advanced waste treatment research, water renovation pilot plant, Lebanon facility. [1966.] cover title, 8 p. il. oblong 12° ([WP-19.]) * Paper, 15c. ● Item 473-A-1 I 67.2 : W 29

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 17671 STORET II, Storage and retrieval of data for open water and land areas; by Donald P. Dubois. [1966.] iii+25 p. il. 4° ([WP-26]; Division of Pollution Surveillance.) † ● Item 473-A-1
L.C. card 66-65750 I 67.8: St 7

FISH AND WILDLIFE SERVICE, Interior Dept.
Washington, D.C. 20240

- C.F.S. (series). (Bureau of Commercial Fisheries.) † ● Item 610-A I 49.8/2: (nos.)
17672 4140. Massachusetts landings, 1965, by ports, annual summary. [June 1966.] 15 p. il. 4°
17673 4158. Massachusetts landings, 1965, by gear and subarea, annual summary. [July 1966.] 13 p. il. 4°

Circular.

- 17674 250. 1st North American Fisheries Conference, Canada, United States, Mexico, Washington, D.C. [addresses and panel discussions.]. [Sept. 1966.] [4] +72 p. il. 4° ([Bureau of Commercial Fisheries.]) [Text on p. 2 of cover. Title on cover is: Fisheries of North America. The Conference, held Apr. 30-May 5, 1965, was sponsored by National Fisheries Institute, Inc., Washington, D.C., Fisheries Council of Canada, Ottawa, and Camera Nacional de la Industria, Pesquera, Mexico, D.F.] * Paper, 65c. ● Item 609
L.C. card 66-62957 I 49.4: 250

Conservation note.

- 17675 19. Desert bighorn sheep. [1966.] [8] p. il. 4° * Paper, 10c. ● Item 610
I 49.36/2: 19

Research report. ● Item 614

- 17676 69. Carp, river carpsucker, smallmouth buffalo and bigmouth buffalo in Lewis and Clark Lake, Missouri River [with lists of references; by] Charles H. Walburg and William R. Nelson. [1966.] iv+30 p. il. ([Bureau of Sport Fisheries and Wildlife.] †
L.C. card 66-62956 I 49.26: 69

Resource publication. ● Item 613-B

- 17677 23. Wildlife research problems, programs, progress, 1965, activities in Division of Wildlife Research of Bureau of Sport Fisheries and Wildlife for calendar year 1965. [Apr. 1966.] viii+102 p. il. 4° ([Bureau of Sport Fisheries and Wildlife.]) [Includes list of publications, Jan. 1-Dec. 31, 1965.] * Paper, 70c.
L.C. card 61-61718 I 49.66: 23

Special scientific report: Fisheries (series). (Bureau of Commercial Fisheries.) ● Item 614-B I 49.15/2: (nos.)

- 17678 532. Growth and survival of sockeye salmon introduced into Ruth Lake after removal of resident fish populations [with list of literature cited]; by William R. Meehan. July 1966. iii+18 p. il. 4° †
17679 533. Annual fish passage report, Rock Island Dam, Columbia River, Wash., 1965; by Paul D. Zimmer and John Broughton. Oct. 1966. iii+24 p. il. 4° †

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.
Washington, D.C. 20250

[Foreign Agricultural Service miscellaneous] FAS M (series).

- 17680 180. World grain trade 1963-64, 1964-65 and 10 year summary: [by Horace E. Sears]. Sept. 1966. [4] +59 p. 4° †
L.C. card Agr 66-348 A 67.26: 180

FOREST SERVICE, Agriculture Dept.
Washington, D.C. 20250

- 17681 Black walnut culture, papers presented at Walnut Workshop, Carbondale, Ill., Aug. 2 and 3, 1966, conducted by Forest Service, Department of Agriculture, American Walnut Manufacturers' Association, Forestry Department, Southern Illinois University [with lists of literature cited]. [1966.] cover title, 94 p. il. 4° (North Central Forest Experiment Station.) [Text on p. 2 of cover. Abstract cards inserted.] †
L.C. card Agr 66-347 A 13.82/2: W 16

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17682 List of publications, Jan. 1-June 30, 1966. [1966.] [2]+20 p. narrow 8°
(Forest Products Laboratory.) † A 13.27/8: 966
- Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 17683 FPL-0137. Light-transmitting and light-scattering properties of smoke [with bibliographies]; by Gene L. Wampfler. June 1966. cover title, 30
+ [1] p. il. 4° †
L.C. card 66-62669 A 13.79: FPL-0137
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.79: NE-(nos.)
- 17684 NE-46. Cutting hardwood cants can boost sawmill profits; [by George R. Niskala and Thomas W. Church, jr. 1966. 8 p. il.
- 17685 NE-47. Average [forest] growth rates in southern Maine; [by Warren E. Frayer and Joseph E. Barnard]. 1966. 8 p. il.
- Research note PSW-(series). (Pacific Southwest Forest & Range Experiment Station, Berkeley, Calif.) † A 13.79: PSW-(nos.)
- 17686 PSW-99. Broadcast burn in 2d-growth clearcutting in north central Sierra Nevada; [by] Philip M. McDonald and Harry E. Schimke. 1966. 6 p. il. 4°
- 17687 PSW-100. Seeding conifers and buffer crops to reduce deer depredation [with list of literature cited; by] Frank J. Baron [and others]. 1966. 8 p. il. 4°
- 17688 PSW-101. Crown and tree weights of madrone, black oak, and tanoak; [by] William E. Sundahl. 1966. 4 p. il. 4°
- 17689 PSW-102. Malathion aerial spray controls pine needle-sheath miner; [by] Robert E. Stevens. 1966. 2 p. 4°
- 17690 PSW-103. MAP fixed-point, packing-unpacking routine for IBM 7094 computer; [by] Robert S. Helfman. 1966. 3 p. 4°
- 17691 PSW-104. Modifying communicative effectiveness of fire prevention signs; [by] William S. Folkman. 1966. 8 p. il. 4°
- 17692 PSW-105. Determining age of dwarfmistletoe infections on red fir; [by] Robert F. Scharpf and J. R. Parmeter, jr. 1966. 5 p. il. 4°
- 17693 PSW-107. Battery-operated pilot balloon time-signal generator; [by] Ralph H. Moltzau, jr. 1966. 8 p. il. 4°
- 17694 PSW-108. Helicopter fertilizing of foothill range; [by] Don A. Duncan and Jack N. Reppert. 1966. 3 p. 4°
- 17695 PSW-109. Children-with-matches fires in Angeles National Forest area; [by] William S. Folkman. 1966. 3 p. 4°
- 17696 PSW-112. Monthly fire behavior patterns; [by] Mark J. Schroeder and Craig C. Chandler. 1966. 15 p. il. 4°
- Research paper FPL (series). (Forest Products Laboratory, Madison, Wis.) † A 13.78: FPL-(nos.)
- 17697 FPL-60. Sorption and swelling characteristics of salt-treated wood [with list of literature cited; by B. A. Bendtsen]. May 1966. cover title, 44 p. il. 4° [Prepared in cooperation with National Forest Products Association, American Wood Preservers Institute, and American Institute of Timber Construction. Text on p. 2 and 3 of cover. Abstract cards inserted.]
- 17698 FPL-63. Hardwood log grades for standard lumber; [by C. L. Vaughan and others]. June 1966. cover title, 52 p. il. 4° [Text on p. 2 and 3 of cover. Supersedes Forest Products Laboratory report 1737. Accompanied by abstract cards.]
- Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.78: NE-(nos.)
- 17699 NE-50. Field and laboratory investigations of *Bacillus thuringiensis* as control agent for gypsy moth, *Porthetria dispar* (L.) [with list of literature cited]; by Franklin B. Lewis and Donald P. Connola. 1966. cover title, [2]+38 p. il. [Text on p. 2 and 3 of cover. Abstract cards inserted.]
L.C. card 66-65738
- 17700 NE-51. Market for fireplace wood in urban area of Connecticut [with list of literature cited]; by George S. Nagle and Robert S. Manthey. 1966. cover title, 15 p. il. [Text on p. 2 of cover. Abstract cards inserted.]
- 17701 NE-52. Site index of yellow-poplar related to soil and topography in southern New Jersey; by John J. Phillips. 1966. cover title, [1]+10 p. il. [Abstract cards inserted.]
- 17702 NE-53. Market for wood pallets in steel industry; by Tony C. Carlson. 1966. cover title, 15 p. il. [Text on p. 2 of cover. Abstract cards inserted.]
- 17703 NE-56. Air-drying practices in central Appalachians [with list of selected references]; by Donald G. Cuppett. 1966. cover title, 19 p. il. [Evaluation of commercial sawmill operations, with some recommendations for improvements to reduce lumber losses. Abstract cards inserted.]

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)

- 17704 PNW-32. Method of forecasting returns from ponderosa pine dwarfmistletoe control [with list of literature cited]; by Donald F. Flora. 1966. cover title, [1]+17+[1] p. 4° † A 13.78: PNW-32

GENERAL ACCOUNTING OFFICE
Washington, D.C. 20548

GAO review. [Quarterly.] ‡ ● Item 544-A (Rev.) GA 1.15: (date)

17705 Fall 1966—

- 17706 Report to Congress of United States: Examination of financial statements, fiscal year 1964 and 1965, Office of Treasurer of United States, Treasury Department; by Comptroller General of United States. Oct. 1966. cover title, [6] leaves+6 p. 4° † Paper, \$1.00. L.C. card 66-62930 GA 1.13: T 71/964-65

- 17707 — Management control of Nike-Hercules missile launching and handling rails, Army Missile Command, Department of Army; by Comptroller General of United States. Oct. 1966. cover title, [3]+23 p. 4° † Paper, \$1.00. L.C. card 66-62874 GA 1.13: M 69/20

- 17708 — Potential savings through greater use of available Government gasoline outlets, General Services Administration; by Comptroller General of United States. Oct. 1966. cover title, [3] leaves+22 p. 4° † Paper, \$1.00. L.C. card 66-62931 GA 1.13: G 21/3/966

- 17709 — Procurement of thrust vector control nozzles for Minuteman missile program, Department of Air Force; by Comptroller General of United States. Sept. 1966. cover title, [4] leaves+72 p. 4° † Paper, \$1.00. L.C. card 66-62838 GA 1.13: M 69/19

- 17710 — Review of certain policies and practices in approving claims for non-cash grant-in-aid credits, Renewal Projects Administration, Department of Housing and Urban Development; by Comptroller General of United States. Oct. 1966. cover title, [3] leaves+42 p. il. 4° † Paper, \$1.00. L.C. card 66-62932 GA 1.13: G 76/3

- 17711 — Review of Federal grants for airport improvements at adjacent communities of Kenai and Soldotna, Alaska, Federal Aviation Agency; by Comptroller General of United States. Oct. 1966. cover title, [3]+16 p. 4° † Paper, \$1.00. L.C. card 66-62873 GA 1.13: Ai 7/79

- 17712 — Review of policies and procedures followed in determining size of new second lock at Sault Ste. Marie, Mich., Corps of Engineers (civil functions), Department of Army; by Comptroller General of United States. Oct. 1966. cover title, [4] leaves+36 p. 4° † Paper, \$1.00. L.C. card 66-62839 GA 1.13: L 78/8

- 17713 — Review of procurement of detachable helicopter ground handling wheel assemblies, Department of Army; by Comptroller General of United States. Oct. 1966. cover title, [4] leaves+37 p. il. 4° † Paper, \$1.00. L.C. card 66-62876 GA 1.13: H 36/4

- 17714 — Review of selected aspects of scheduling for design, integration, and test of Nimbus spacecraft, National Aeronautics and Space Administration; by Comptroller General of United States. Oct. 1966. cover title, [5] leaves+40 p. il. 4° † Paper, \$1.00. L.C. card 66-62875 GA 1.13: Sp 1

- 17715 Your professional development. [1966.] 32 p. il. oblong 12° [Text on p. 2 of cover.] † ● Item 545 GA 1.2: P 94

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

● Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

GEOLOGICAL SURVEY, Interior Dept. Washington, D.C. 20405

Bulletin. ● Item 620

- 17716 1244-A. Changes in stratigraphic nomenclature by Geological Survey, 1965 [with list of references]; by George V. Cohee and Walter S. West. 1966. iv+60 p. il. [Contributions to stratigraphy.] * Paper, 25c.
I 19.3:1244-A

Professional papers. ● Item 624

I 19.16:(nos.)

- 17717 352-H. Erosion and deposition in loess-mantled Great Plains, Medicine Creek drainage basin, Nebr. [with list of references]; by James C. Brice. 1966. v+255-339 p. il. 4°. [Prepared as part of program of Department of Interior for development of Missouri River basin and part of soil and moisture program. Erosion and sedimentation in semiarid environment.] * Paper, 55c.
- 17718 422-J. Resistance to flow in alluvial channels [with list of literature cited]; by D. B. Simons and E. V. Richardson. 1966. viii+61 p. il. 4°. [Physiographic and hydraulic studies of rivers.] * Paper, 50c.
- 17719 476-B. Origin of elements associated with uranium in Cave Hills area, Harding County, S. Dak. [with list of references cited]; by George N. Pipiringos. 1966. iv+75+[3] p. il. 4°. [Investigation of geological and geochemical history of elements associated with uranium in coal, carbonaceous siltstone, and phosphatic claystone in Fort Union Formation of northwest South Dakota. Uranium investigations in Cave Hills area, Harding County, S. Dak.] * Paper, 55c.
- 17720 495-B. Paleozoic formations in Wind River basin, Wyo. [with list of references cited]; W. R. Keefer and J. A. Van Lieu. 1966. iv+60 p. il. 6 pl. in pocket, 4°. [Prepared in cooperation with Geological Survey of Wyoming and Department of Geology of University of Wyoming as part of program of Department of Interior for development of Missouri River basin. Geology of Wind River basin, central Wyoming.] * Paper, \$2.00.
- 17721 503-A. Paleozoic gastropoda from Moose River synclinorium, northern Maine [with list of references cited]; by Arthur J. Boucot and Ellis L. Yochelson. 1966. iii+20+[2] p. il. 3 pl. 4°. [Investigation of fossils primarily of Devonian age. Contributions to paleontology.] * Paper, 30c.
- 17722 560-B. Geology of Arabian peninsula: Yemen [with selected bibliography]; by F. Geukens, translated from French by S. D. Bowers. 1966. v+23 p. il. 4°. [Review of geology of Yemen as shown on USGS miscellaneous geologic investigations map I-270-A, Geologic map of Arabian Peninsula, 1963.] * Paper, 30c.
- 17723 560-H. Geology of Arabian Peninsula, Eastern Aden Protectorate and part of Dhufar [with bibliography]; by Z. R. Beydoun. 1966. v+49 p. il. 6 pl. in pocket, 4°. [Review of geology of Eastern Aden Protectorate and part of Dhufar as shown on USGS miscellaneous geologic investigations map I-270-A, Geologic map of Arabian peninsula, 1963.] * Paper, \$1.00.

- 17724 Publications of Geological Survey, 1965. 1966. vi+57 p. † ● Item 623
L.C. card GS 11-221 I 19.14: 965

Water-supply papers. ● Item 625

I 19.13:(nos.)

- 17725 1532-C. Effects of agricultural conservation practices on hydrology of Corey Creek basin, Pa., 1954-60 [with list of selected references]; by Benjamin L. Jones. 1966. v+55 p. il. [Prepared in cooperation with Pennsylvania Department of Agriculture, State Soil and Water Conservation Commission. Hydrologic effects of land use.] * Paper, 25c.
- 17726 1540-C. Methods for analysis of selected metals in water by atomic absorption [with list of references]; by Marvin J. Fishman and Sanford C. Downs. 1966. iii+23-45 p. il. [Manual of procedures for determining calcium, copper, lithium, magnesium, manganese, potassium, sodium, strontium, and zinc in atmospheric precipitation, fresh waters, and brines by atomic absorption spectroscopy. Spectrographic analysis of natural water.] * Paper, 15c.
- 17727 1610-D. Waterpower resources and reconnaissance geology of sites in Alsea River basin, Oreg. [with list of references]; by L. L. Young, D. W. Neal, and D. L. Gaskill. 1966. iv+45+[3] p. il. 2 pl. in pocket. [Estimate of potential power of river and discussion of possibilities for developing it. Waterpower resources of United States. Includes title page and contents to Water-supply paper 1610.] * Paper, 70c.
L.C. card GS 66-325
- 17728 1819-H. Fluvial sediment and chemical quality of water in Little Blue River basin, Nebr. and Kans. [with list of references cited]; by James C. Mundorff and Kidd M. Waddell. 1966. v+45 p. il. [Prepared as part of program of Department of Interior for development of Missouri River basin. Contributions to hydrology of United States.] * Paper, 25c.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17729 1819-J. Special sediment investigations, Mississippi River at St. Louis, Mo. [with list of literature cited]; by Cloyd H. Scott and Howard D. Stephens. 1966. iii+35 p. il. 3 pl. in pocket. [Prepared in cooperation with U.S. Army Corps of Engineers, St. Louis district. 4 sets of comprehensive hydraulic and sediment data are presented and briefly analyzed. Contribution to hydrology of United States.] * Paper, 60c.
- 17730 1821. Availability of ground water, upper Pawcatuck River basin, R.I. [with list of selected references]; by William B. Allen, Glenn W. Hahn, and Richard A. Brackley. 1966. v+66 p. il. 3 pl. in pocket. [Prepared in cooperation with Rhode Island Development Council and Rhode Island Water Resources Coordinating Board.] * Paper, \$1.25.
- 17731 1869-B. Effect of vertical motion on current meters [with list of literature cited]; by N. A. Kallio. 1966. iv+20 p. il. [Study of effect of vertical movement on registration of 3 types of current meters. River hydraulics.] * Paper, 15c.

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, D.C. 20201

- 17732 Mental retardation grants, fiscal year 1966. Sept. 1966. vi+139 p. 4° (Secretary's Committee on Mental Retardation.) † ● Item 445-G
L.C. card 65-61306 FS 1.23/3: 966

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, D.C. 20410

- 17733 Better cities for tomorrow, [by] Hubert H. Humphrey, Vice President of United States. [1966.] cover title, 7 p. il. [Excerpts from remarks before U.S. Conference of Mayors, Dallas, Tex., June 13, 1966.] †
● Item 581-C HH 1.7: H 88

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, D.C. 20240

- 17734 Famous Indians, collection of short biographies [with list of books for further reading]. [1966.] cover title, [2]+47 p. il. 4° [Text on p. 2 of cover.] * Paper, 35c. ● Item 627
L.C. card 66-62795 I 20.2: In 2/26

INFORMATION OFFICE, Agriculture Dept. Washington, D.C. 20250

- 17735 Facts about pest control: War that never ends. [Revised] Sept. 1966. [1966.] 11 p. 4° † ● Item 90 A 21.2: P 43/966

INTERAGENCY COMMITTEE ON WATER RESOURCES

Notes on hydrologic activities, bulletin.

- 17736 13. Methods of flow frequency analysis [with bibliography; prepared under auspices of Subcommittee on Hydrology]. Apr. 1966. cover title, [61]+42 p. il. [Published through arrangements made by Soil Conservation Service, Department of Agriculture. Price statement appears on 1st page in error.] † ● Item 607-A
L.C. card 66-65730 Y 3.In 8/8: 7/13

INTERIOR DEPARTMENT Washington, D.C. 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

[Saline water] research and development progress reports. (Office of Saline Water.) ● Item 604-A-1 I 1.88:(nos.)

- 17737 197. Research on mineral by-products from saline waters [with bibliography]; by Murrell L. Salutsky [and others], W. R. Grace and Co., Clarksville, Md. Sept. 1966. [2]+xii+103 p. il. 4° ([Contract 14-01-0001-642.])
* Paper, 60c.
L.C. card 66-65737

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

[Saline water] research and development progress reports—Continued

- 17738 203. Investigation of transport properties of ion exchange membranes [with list of references]; by J. H. B. George and C. R. Schlaikjer, Arthur D. Little, Inc., Cambridge, Mass. Sept. 1966. [2]+40+[1] p. il. 4° ([Contract 14-01-0001-372.]) * Paper, 30c.
L.C. card 66-65745
- 17739 208. Reverse osmosis for water desalination [with list of references]; by U. Merfen [and others], General Dynamics Corporation, General Atomic Division, San Diego, Calif. Sept. 1966. [2]+217 p. il. 4° * Paper, \$1.00
L.C. card 66-65740
- 17740 210. Theory of liquids [with bibliography]; by Douglas Henderson [and others], University of Waterloo, Waterloo, Ontario, Canada. Sept. 1966. [7]+18 p. il. 4° ([Contract 14-01-0001-406.]) * Paper, 25c.
L.C. card 66-65740

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, D.C. 20224

- 17741 Legal careers in Federal taxation. [Revised Oct. 1966.] [1966.] cover title, [8] p. narrow f° ([Document 5619]; Office of Chief Counsel.) [Text on p. 3-4 of cover.] † ● Item 956 T 22.2: C 18/3/966
- 17742 Looseleaf regulations system: Service 1, Income tax, transmittal 86. Aug. 12, 1966. [6] p. 4° ● Item 961 T 22.19/3: 1/trans. 86
- 17743 — Service 1, Income tax, transmittal 87. Sept. 9, 1966. [16] p. 4° ● Item 961 T 22.19/3: 1/trans. 87
- NOTE.—Service 1 consists of pts. 1, 2, 19, and 152 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$16.00 (including basic material and supplements issued irregularly for approximately 3 years); \$4.00 additional for foreign mailing.
- 17744 Tobacco tax guide, transmittal 15; Sept. 2, 1966. [1966.] [114] p. 4° (Publication 464.) [Issued in looseleaf form.] * Paper, \$3.50 (including basic guide and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 956-A T 22.19/5: 964/trans. 15

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, D.C. 20523

- 17745 American civilians who are fighting shirtsleeves war in Vietnam; by Herbert H. Humphrey. [1966.] 7 p. il. 4° [Reprinted from Civil service journal, Apr.-June 1966.] † CS 1.66/a: V 678

INTERSTATE COMMERCE COMMISSION Washington, D.C. 20423

- 17746 Cost of transporting freight by class 1 and class 2 motor common carriers of general commodities by regions or territories, 1965. Sept. 1966. cover title, [1]+vi+195 p. 4° (Statement 7-66; Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, \$1.00. ● Item 682-A L.C. card A 64-7663 IC 1 acco. 2: F 88/16/965
- 17747 Freight commodity statistics, class 1 railroads in United States for year ended Dec. 31, 1964. [1966.] cover title, [2]+20+[2] p. oblong large 8° (Statement 66100; Bureau of Accounts.) * Paper, 75c. ● Item 704 L.C. card 41-41827 IC 1 ste. 29: 964
- 17748 Schedule of annual indices for carriers by railroad, 1914-64 [revised pages for year 1965]. [41] p. il. 4° (Bureau of Accounts.) [This publication has not been adopted by Interstate Commerce Commission.] † L.C. card A 46-3919 IC 1 acco. 2: R 13/6/914-64/rev. pages

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

JOINT PUBLICATIONS RESEARCH SERVICE
Washington, D.C. 20443

NOTE.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately.

- 17749-1 Communist China digest, nos. 174-175; JPRS 38314, 38335.
- 17749-2 Communist Chinese scientific abstracts: Agricultural science and technology, no. 36; JPRS 38261.
- 17749-3 Communist Chinese scientific abstracts: Bio-medical sciences, nos. 159-162; JPRS 38117, 38128, 38204, 38279.
- 17749-4 Communist Chinese scientific abstracts: Chemistry, nos. 44-47; JPRS 38107, 38129, 38210, 38308.
- 17749-5 Communist Chinese scientific abstracts: Earth sciences, no. 70; JPRS 38118.
- 17749-6 Communist Chinese scientific abstracts: Electronics and electrical engineering, nos. 39-40; JPRS 38156, 38205.
- 17749-7 Communist Chinese scientific abstracts: Engineering and equipment, nos. 53-54; JPRS 38189, 38206.
- 17749-8 Communist Chinese scientific abstracts: Physics and mathematics, nos. 57-60; JPRS 38108, 38119, 38211, 38280.
- 17749-9 East European scientific abstracts: Bio-medical science, nos. 52-53; JPRS 38121, 38313.
- 17749-10 Economic and geographic translations on Latin America, nos. 54-57; JPRS 38110, 38122, 38167, 38236.
- 17749-11 Index of La Stampa and La Stampa sera, nos. 335-336; JPRS 38147, 38331.
- 17749-12 Izvestiya VUZov: Instrument building, no. 3, 1966; JPRS 38133.
- 17749-13 Pharmaceutics, USSR, no. 4; JPRS 38160.
- 17749-14 Political translations on Eastern Europe, nos. 235-236; JPRS 38102, 38247.
- 17749-15 Press information report on Albania, nos. 192-195; JPRS 38163, 38222, 38238, 38294.
- 17749-16 Press information report on Iran, nos. 9-10; JPRS 38104, 38262.
- 17749-17 Scientific and technical information, no. 4, 1966; JPRS 38120.
- 17749-18 Sociological translations on Eastern Europe, nos. 379-383; JPRS 38103, 38149, 38191, 38239, 38281.
- 17749-19 Soviet military translations, nos. 332-345; JPRS 38143, 38144, 38151, 38152, 38171, 38184, 38199, 38232, 38286, 38291, 38303, 38324, 38329, 38333.
- 17749-20 Soviet public health, USSR, no. 6, 1966; JPRS 38116.
- 17749-21 Translations from Hoc tap (Studies), North Vietnam, nos. 7-8, 1966; JPRS 38165, 38214.
- 17749-22 Translations from Hung-ch'i (Red flag), nos. 36-37; JPRS 38213, 38336.
- 17749-23 Translations of Pravda editorials, USSR, nos. 699-709; JPRS 38105, 38135, 38157, 38169, 38198, 38231, 38246, 38266, 38301, 38318, 38338.
- 17749-24 Translations on Africa, nos. 444-449; JPRS 38208, 38209, 38216, 38229, 38289, 38315.
- 17749-25 Translations on Communist China: Economic, no. 15; JPRS 38234.
- 17749-26 Translations on Communist China: Political and sociological, no. 374; JPRS 38240.
- 17749-27 Translations on Communist China: Science and technology, no. 346; JPRS 38328.
- 17749-28 Translations on Cuba, nos. 499-504; JPRS 38109, 38148, 38186, 38193, 38295, 38332.
- 17749-29 Translations on East European agriculture, forestry, and food industries, nos. 482-485; JPRS 38136, 38150, 38200, 38282.
- 17749-30 Translations on East European foreign trade, nos. 303-305; JPRS 38180, 38283, 38307.
- 17749-31 Translations on East European heavy industry, no. 294; JPRS 38225.
- 17749-32 Translations on East European materials industries, nos. 316-317; JPRS 38226, 38334.
- 17749-33 Translations on East European service industries, nos. 476-479; JPRS 38137, 38164, 38201, 38248.
- 17749-34 Translations on economic organization and management in Eastern Europe, nos. 611-614; JPRS 38170, 38233, 38241, 38284.
- 17749-35 Translations on international Communist developments, nos. S90-S98; JPRS 38130, 38162, 38166, 38192, 38249, 38275, 38290, 38316, 38337.
- 17749-36 Translations on Mongolia, no. 120; JPRS 38309.
- 17749-37 Translations on Near East, nos. 37-39; JPRS 38134, 38187, 38317.
- 17749-38 Translations on North Korea, nos. 15-16; JPRS 38235, 38257.
- 17749-39 Translations on North Vietnam, nos. 46-53; JPRS 38161, 38185, 38207, 38215, 38242, 38285, 38306, 38323.
- 17749-40 Translations on south and east Asia, no. 134; JPRS 38212.
- 17749-41 Translations on Soviet education, nos. 54-56; JPRS 38127, 38260, 38322.
- 17749-42 Translations on Soviet law and social regulations, nos. 16-17; JPRS 38126, 38131.
- 17749-43 Translations on USSR agriculture, nos. 160-164; JPRS 38158, 38251, 38264, 38292, 38304.
- 17749-44 Translations on USSR consumer goods and domestic trade, nos. 146-148; JPRS 38173, 38220, 38293.
- 17749-45 Translations on USSR labor, nos. 135-140; JPRS 38145, 38217, 38219, 38250, 38277, 38320.
- 17749-46 Translations on USSR transportation, nos. 146-149; JPRS 38172, 38227, 38252, 38321.
- 17749-47 USSR economy and industry: Current developments, nos. 16-17; JPRS 38178, 38319.
- 17749-48 USSR economy and industry: General information, nos. 40-44; JPRS 38142, 38218, 38263, 38276, 38302.

For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17749-49 USSR industrial development: Automotive and tractor industry, nos. 21-24; JPRS 38100, 38179, 38221, 38325.
 17749-50 USSR industrial development: Chemical industry and machinery, nos. 16-19; JPRS 38159, 38253, 38305, 38326.
 17749-51 USSR industrial development: Construction, construction machinery, and building materials, nos. 27-28; JPRS 38182, 38278.
 17749-52 USSR industrial development: Electric power, power machinery, and electrical equipment, nos. 21-25; JPRS 38101, 38153, 38254, 38273, 38327.
 17749-53 USSR industrial development: Electronics and precision equipment, no. 13; JPRS 38183.
 17749-54 USSR industrial development: Metallurgy and minerals, nos. 23-26; JPRS 38146, 38255, 38274, 38287.
 17749-55 USSR international economic relations, no. 74; JPRS 38259.
 17749-56 USSR scientific abstracts: Chemistry, no. 34; JPRS 38288.
 17749-57 USSR scientific abstracts: Electronics and electrical engineering, nos. 49-50; JPRS 38202, 38330.
 17749-58 USSR scientific abstracts: Engineering and equipment, no. 28; JPRS 38228.
 17749-59 USSR scientific abstracts: Materials science and metallurgy, nos. 13-15; JPRS 38106, 38138, 38139.
 17749-60 USSR scientific abstracts: Physics and mathematics, no. 78; JPRS 38168.
 17749-61 Vestnik of the USSR Academy of Medical Sciences, v. 21, no. 7; JPRS 38258.
 17749-62 Vestnik of USSR Academy of Sciences, v. 36, no. 7; JPRS 38265.

JPRS (series).

Y 3.J66: 13/(nos.)

- 17750 37165. Errata, official Soviet regulations governing official and private travel of foreign nationals in USSR. Aug. 22, 1966. [2] p. 4° Φ
 17751 38111. Acidophilous milk used in treatment of dysentery, USSR; by A. Aleksandryan. Oct. 12, 1966. [2] p.+3 leaves, 4° [From Kommunist, Aug. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34538).
 17752 38112. Treatment and handling of certain infectious diseases in USSR; by G. P. Rudnev. Oct. 12, 1966. [2]+a+26 p. 4° [From Klinika osobito opasnykh infektsiy, 1966.] Φ Paper, \$2.00 (TT: 66-34539).
 17753 38113. Recent Soviet ichthyological research [articles, with bibliographies]. Oct. 12, 1966. [2]+a+22 p. 4° [From Voprosy ikhtologii, v. 5, no. 3 (36), 1965.] Φ Paper, \$1.00 (TT: 66-34540).
 17754 38114. Investigation of microbiological method of insect pest control USSR [with bibliography]; by A. A. Yevlakhova, et al. Oct. 12, 1966. [2]+15 p. 4° [From Zhurnal obshchey biologii, v. 27, no. 4, July-Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34541).
 17755 38115. Psychological aspects of student training and development, USSR [articles]. Oct. 12, 1966. [2]+a+8 p. 4° [From Uchitel'skaya gazeta, Sept. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34542).
 17756 38123. Metals of cosmic age, USSR; by D. Rozen. Oct. 12, 1966. [2]+7 p. 4° [From Nauka i tekhnika, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34550).
 17757 38124. Pursuit of scientific methods for regulating social processes, USSR; by V. V. Vodinskaya, et al. Oct. 12, 1966. [2]+8 p. 4° [From Voprosy filosofii, no. 6, June 1966.] Φ Paper, \$1.00 (TT: 66-34551).
 17758 38125. Two views of US anti-communism, USSR. Oct. 12, 1966. [2]+a+16 p. 4° [From Izvestiya, Aug. 26 and 28, 1966.] Φ Paper, \$1.00 (TT: 66-34552).
 17759 38132. Cartographic representation of various morphologic species of loess on large scale topographic maps, Communist China [with bibliography]; by Chiang Meihsin. Oct. 12, 1966. [2]+27 p. il. 4° [From Ts'e-hui Hsueh-pao, v. 9, no. 1, Feb. 1966.] Φ Paper, \$2.00 (TT: 66-34559).
 17760 38140. Simulation of psychosensory disorders resulting from temporary weightlessness, USSR [with bibliography]; by F. D. Gorhov, et al. Oct. 13, 1966. [2]+13 p. 4° [From Zhurnal nevroptatologii, v. 66, issue 1, Oct. 1966.] Φ Paper, \$1.00 (TT: 66-34567).
 17761 38141. Space age, exploration of moon, USSR; by Yu. N. Il'p'skiy, et al. Oct. 13, 1966. [2]+26 p. il. 4° [From Priroda, no. 6, June 1966.] Φ Paper, \$2.00 (TT: 66-34568).
 17762 38154. Transmission of discrete information in phase-keyed channels, USSR [with bibliography]; by N. T. Petrovich. Oct. 13, 1966. [2]+a+c+214 p. il. 4° Φ Paper, \$6.00 (TT: 66-34581).
 17763 38155. Expenditures for public health, USSR; by P. M. Ivanitskiy. Oct. 13, 1966. [2]+27 p. 4° Φ Paper, \$2.00 (TT: 66-34582).
 17764 38174. Determination of physical parameters of viral aerosols, USSR [with bibliography]; by A. I. Gromyko. Oct. 17, 1966. [2]+7 p. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 7, 1966.] Φ Paper, \$1.00 (TT: 66-34601).
 17765 38175. Autonomy in multiply-connected variable-structure automatic control systems, USSR [with bibliography]; by B. N. Petrov, et al. Oct. 17, 1966. [2] p.+5 leaves, 4° [From Doklady Akademii Nauk SSSR, v. 169, no. 1, July-Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34602).
 17766 38176. Soviet metallurgical institute criticized for poor management, USSR; by A. Konovalenko. Oct. 17, 1966. [2] p.+4 leaves, 4° [From Trud, July 14, 1966.] Φ Paper, \$1.00 (TT: 66-34603).
 17767 38177. Soviet report on oncological research at Budapest Institutes; by N. N. Vasil'yeva, et al. Oct. 17, 1966. [2] p.+5 leaves, 4° [From Voprosy onkologii, v. 12, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34604).
 17768 38181. Effects of Christian and Moslem religions on people, USSR [articles]. Oct. 17, 1966. [2]+a+31 p. 4° [From Nauka i religiya, no. 7, July 1966.] Φ Paper, \$2.00 (TT: 66-34608).

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 17769 38188. City in Soviet far north aims for healthier working conditions, USSR; by Ye. Klimov. Oct. 17, 1966. [2] p.+4 leaves, 4° [From Meditsinskaya gazeta, July 15, 1966.] Φ Paper, \$1.00 (TT: 66-34615).
- 17770 38190. Mathematics and semantics, USSR; by L. A. Rvachev. Oct. 17, 1966. [2]+a-b+51 p. 4° Φ Paper, \$3.00 (TT: 66-34617).
- 17771 38194. Soviet critique of Anglo-American oil interests in Iran; by B. Soskin. Oct. 17, 1966. [2] p.+4 leaves, 4° [From Bakinskiy rabochiy, Sept. 4, 1966.] Φ Paper, \$1.00 (TT: 66-34621).
- 17772 38195. Training of Soviet hydrobiologists; by G. G. Vinberg. Oct. 17, 1966. [2] p.+4 leaves, 4° [From Gidrobiologicheskii zhurnal, no. 3, 1966.] Φ Paper, \$1.00 (TT: 66-34622).
- 17773 38196. Reasons for labor turnover at Kaluga turbine plant and other enterprises, USSR; by E. Maksimova. Oct. 17, 1966. [2]+6 p. 4° [From Izvestiya, Aug. 25, 1966.] Φ Paper, \$1.00 (TT: 66-34623).
- 17774 38197. Studies in overcoming of religious vestiges in USSR [excerpts]; by I. P. Tsameryan, et al. Oct. 17, 1966. [2]+a+138 p. il. 4° [From Stroitel'stvo Kommunizma i preodoleniye religioznykh perezhitkov vestiges, 1966.] Φ Paper, \$4.00 (TT: 66-34624).
- 17775 38203. Arterial pressure conditions at time of poisoning by organophosphorus insecticides, USSR [with bibliography]; by N. V. Salibayev. Oct. 18, 1966. [2] p.+4 leaves, 4° [From Meditsinskii zhurnal Uzbekistana, no. 4, Apr. 1966.] Φ Paper, \$1.00 (TT: 66-34630).
- 17776 38223. Leningrad party apparatus calls for improvement in research and planning, USSR; by M. Korolev. Oct. 18, 1966. [2] p.+4 leaves, 4° [From Pravda, Sept. 12, 1966.] Φ Paper, \$1.00 (TT: 66-34650).
- 17777 38224. Work of Soviet scientists and scientific organizations [articles]. Oct. 18, 1966. [2]+a+7 p. 4° [From Priroda, no. 6, 1966.] Φ Paper, \$1.00 (TT: 66-34651).
- 17778 38237. Soviet study of Man nationality of Vietnam; by A. N. Dement'yeva-Leskinen. Oct. 19, 1966. [2]+20 p. il. 4° [From Sovetskaya etnografiya, no. 4, July-Aug. 1966.] Φ Paper, \$1.00 (TT: 66-34663).
- 17779 38243. Soviet zootechnician N. G. Belen'kiy criticized for poor research practices, USSR; by A. A. Kudryavtsev, et al. Oct. 19, 1966. [2] p.+2 leaves, 4° [From Pravda, July 8, 1966.] Φ Paper, \$1.00 (TT: 66-34669).
- 17780 38244. Present-day applications of hypnosis, USSR [articles]. Oct. 19, 1966. [3]+13 p. 4° [From Tekhnika-molodezhi, no. 5, 1966.] Φ Paper, \$1.00 (TT: 66-34670).
- 17781 38245. Changes in Soviet higher education proposed; by M. Lavrent'yev. Oct. 19, 1966. [2] p.+3 leaves, 4° [From Izvestiya, July 26, 1966.] Φ Paper, \$1.00 (TT: 66-34671).
- 17782 38256. Il'ya Erenburg interviewed on newspapermen, USSR; by G. Sagal. Oct. 20, 1966. [2] p.+5 leaves, 4° [From Sovetskaya pechat', no. 10, Oct. 1966.] Φ Paper, \$1.00 (TT: 66-34682).
- 17783 38267. Decisions of General Assembly of Bulgarian Academy of Agricultural Science, Feb. 10-12, 1966; by I. Genchin. Oct. 21, 1966. [2]+22 p. 4° [From Selskостopanska nauka, no. 2, Apr.-June 1966.] Φ Paper, \$1.00 (TT: 66-34693).
- 17784 38268. 40th anniversary of Cotton Institute in Chirpan, Bulgaria; by Y. Milkovski, et al. Oct. 21, 1966. [2]+13 p. il. 4° [From Selskостopanska nauka, no. 2, Apr.-June 1966.] Φ Paper, \$1.00 (TT: 66-34694).
- 17785 38269. Early radiation-biochemical reactions, USSR [excerpts]; by Ye. F. Romantsev, et al. Oct. 21, 1966. [2]+16 p. il. 4° Φ Paper, \$1.00 (TT: 66-34695).
- 17786 38270. Achievements of Rumanian Academy of Sciences; by R. Radulet. Oct. 21, 1966. [2]+10 p. 4° [From Lupta de clasa, no. 9, Sept. 1966.] Φ Paper, \$1.00 (TT: 66-34696).
- 17787 38271. Socialism and cultural heritage, USSR; by S. Kovalev. Oct. 21, 1966. [2]+9 p. 4° [From Pravda, Sept. 26, 1966.] Φ Paper, \$1.00 (TT: 66-34697).
- 17788 38272. Problems in aerospace medicine [articles; edited] by V. V. Parin. Oct. 21, 1966. [2]+a-s+518 p. 4° Φ Paper, \$8.40 (TT: 66-34698).
- 17789 38296. Food toxicoes and toxic infections, USSR; by F. Budagyan. Oct. 24, 1966. [2] p.+4 leaves, 4° [From Meditsinskaya gazeta, Sept. 9, 1966.] Φ Paper, \$1.00 (TT: 66-34722).
- 17790 38297. Determination of density of fish concentration by means of hydroacoustics, USSR; by M. D. Truskanov, et al. Oct. 24, 1966. [2]+8 p. il. 4° [From Rybnoye khozyaystvo, no. 8, 1966.] Φ Paper, \$1.00 (TT: 66-34723).
- 17791 38298. Man-machine relationships in railroad control, USSR; by G. A. Krasovskiy. Oct. 24, 1966. [2]+9 p. il. 4° [From Avtomatika, telemekhanika i svyaz, no. 4, 1966.] Φ Paper, \$1.00 (TT: 66-34724).
- 17792 38299. Soviet conferences on welding [articles]. Oct. 24, 1966. [2]+a+21 p. 4° Φ Paper, \$1.00 (TT: 66-34725).
- 17793 38300. Soviet report on Palestine problem; by I. A. Genin. Oct. 24, 1966. [2]+23 p. 4° [From Pravda, 1948.] Φ Paper, \$1.00 (TT: 66-34726).
- 17794 38310. Results of competition in diffusion welding, USSR. Oct. 25, 1966. [2] p.+4 leaves, 4° [From Svarochnoye proizvodstvo, no. 7, July 1966.] Φ Paper, \$1.00 (TT: 66-34736).
- 17795 38311. Two Azerbaydzhan scientists elected to Academy of Sciences, USSR [articles]. Oct. 25, 1966. [2]+a+9 p. 4° [From Bakinskiy Rabochiy, Aug. 25, 1966.] Φ Paper, \$1.00 (TT: 66-34737).
- 17796 38312. Biographies of Soviet scientists Aleksey Ivanovich Tsvetkov and Nikolay Pavlovich Gordeyev. Oct. 25, 1966. [2]+a+6 p. 4° Φ Paper, \$1.00 (TT: 66-34738).

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

JUSTICE DEPARTMENT

Washington, D.C. 20530

- 17797 Identical bidding in public procurement, 5th report of Attorney General under Executive order 10936. July 1966. v+244 p. 4° * Paper, \$1.50.
 ● Item 719-D
 L.C. card 62-64527

J 1.31:966

LABOR DEPARTMENT

Washington, D.C. 20210

- 17798 Agreement between U.S. Department of Labor and National Council of Field Labor Lodges, American Federation of Government Employees, AFL-CIO. [1966.] cover title, ii leaves+25 p. † ● Item 745
 L 1.2: N 21c
- 17799 Excerpts from remarks by Assistant Secretary of Labor Mrs. Esther Peterson before 9th annual convention of Illinois State Federation of Labor and Congress of Industrial Organizations, Chicago, Ill., Sept. 27, 1966. [1966.] 12 leaves, 4° †
 L 1.13: P 44/7

Manpower research bulletin. ● Item 746-D

- 17800 12. Technology and manpower in design and drafting 1965-75; [prepared by Ann Marie Lamb]. Oct. 1966. cover title, vi+39 p. il. 4° (Manpower Administration.) †
 L.C. card 66-62959

L 1.3/4: 12

- 17801 Seminar on manpower policy and program: Church and antipoverty program; by Benjamin Louis Masse. Feb. 1966. [1]+21 p. ([Manpower Administration, Office of Manpower Policy, Evaluation, and Research.]) [Illustration and text on p. 1 and 2 of cover.] † ● Item 745
 L.C. card 66-62622

L 1.2: M 31/24

- 17802 — [Washington, D.C., Apr. 15, 1965]; Automation, skill, and manpower predictions; by E. R. F. W. Crossman. Sept. 1966. [1]+39+[13] p. ([Manpower Administration.]) [Text on p. 2 of cover. Contains copy-right material.] † ● Item 745
 L.C. card 66-62704

L 1.2: M 31/23

- 17803 — [Washington, D.C., Oct. 7, 1965]; Expanding employment in pluralistic economy; by Eli Ginzberg. [1966.] cover title, [1]+36 p. ([Manpower Administration.]) [Text on p. 2 of cover.] † ● Item 745
 L.C. card 66-62841

L 1.2: M 31/25

LABOR STANDARDS BUREAU, Labor Dept.

Washington, D.C. 20210

Fact sheet (series).

- 17804 10. Brief summary of State workmen's compensation laws. June 1966. cover title, 35 p. 4° †

L 16.50: 10/2

- 17805 Guide to national parks and monuments for handicapped tourists. [1966.] x+[1]+81 p. il. 1 pl. (President's Committee on Employment of the Handicapped.) [Published in cooperation with Veterans Employment Service, Department of Labor, Manpower Administration.] † ● Item 766-C
 L.C. card 66-62676

L 16.44/2: N 21

- 17806 Maritime safety data, longshoring: Longshoring accidents, analysis of injuries, 1964-65. [1966.] [1]+10 p. 4° (MSD LS-403; OOS 8.66.) †

L 16.47/5: Ac 2/964-65

- 17807 Minutes, annual meeting, President's Committee on Employment of the Handicapped, Washington, D.C., Apr. 28 and 29, 1966. [1966.] cover title, xii+54 p. il. 4° † ● Item 766-C
 L.C. card L 65-95

L 16.44/2: M 66/966

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

LABOR STATISTICS BUREAU, Labor Dept.
Washington, D.C. 20210

- Bulletins. ● Item 768 L 2.3:(nos.)
- 17808 1465-S3. Area wage survey: Worcester, Mass., metropolitan area, June 1966. Aug. 1966. iii+31 p. oblong 8° * Paper, 25c.
L.C. card 66-62947
- 17809 1509. Industry wage survey: Synthetic textiles, Sept. 1965. June 1966. vi+59+[2] p. 4° * Paper, 40c.
L.C. card L 55-258
- 17810 1518. Unit labor cost in manufacturing, trends in 9 countries, 1950-65 [with selected bibliography; prepared by John H. Chandler and Patrick C. Jackman]. June 1966. vi+34 p. ll. 4° * Paper, 30c.
L.C. card 66-62958
- 17811 1519. Industry wage survey: Southern sawmills and planing mills, Oct. 1965; [prepared by Joseph C. Bush]. Aug. 1966. vi+40+[2] p. 4° * Paper, 30c.
L.C. card L 54-103
- 17812 1524. Same: Paints and varnishes, Nov. 1965; [prepared by Charles M. O'Connor]. Aug. 1966. vi+51+[2] p. 4° * Paper, 40c.
L.C. card L 62-23
- 17813 1526. Same: Petroleum refining, Dec. 1965. Aug. 1966. v+36+[2] p. 4° * Paper, 30c.
L.C. card 66-65754
- 17814 1530-2. Area wage survey: Boise City, Idaho, metropolitan area, July 1966. Sept. 1966. iii+30 p. oblong 8° * Paper, 25c.
L.C. card L 66-37
- 17815 1530-3. Same: Scranton, Pa., metropolitan area, Aug. 1966. Oct. 1966. iii+19 p. oblong 8° * Paper, 20c.
L.C. card L 66-32
- 17816 Employee earnings and hours in nonmetropolitan areas for South and North Central regions, June 1965, summary release. July 1966. 16 p. 4°
† ● Item 769 L 2.2: Ea 7/8/965
- 17817 Indexes of output per man-hour for private economy, 1947-65. Oct. 1966. [5] leaves, 4° † L 2.89/2: 947-65
- 17818 Proceedings of 23d Interstate Conference on Labor Statistics [Storrs, Conn.] June 15-18, 1965. [1966.] cover title, iii+262 p. 4° [Connecticut Labor Department and University of Connecticut served as co-sponsors with Bureau of Labor Statistics.] † ● Item 769-C
L.C. card 56-63356 L 2.80: 965

LAND MANAGEMENT BUREAU, Interior Dept.
Washington, D.C. 20240

- 17819 Ephemeris of sun, Polaris, and other selected stars with companion data and tables for [calendar] year 1967; prepared by Nautical Almanac Office, United States Naval Observatory. 58th edition. 1966. ii+30 p. 1 pl. [Supplement to Manual of instructions for survey of public lands of United States.] * Paper, 25c. ● Item 630
L.C. card 10-35913 I 53.8: 967

LIBRARY OF CONGRESS
Washington, D.C. 20540

- 17820 Annual list of serials, 1966, arranged by author, title and PL 480 code, American Libraries Book Procurement Centers, Karachi-Dacca, [Pakistan]. 1966. [7]+145 p. 4° (Public law 480 project.) † (Libraries only).
L.C. card SA 66-6576 LC 1.30/2-2: 966
- 17821 Chaos and control in poetry, lecture delivered at Library of Congress, Oct. 11, 1965, by Stephen Spender, consultant in poetry in English at Library of Congress, 1965-66. 1966. [2]+14 p. (Reference Department.) * Paper, 15c. ● Item 818-B-2
L.C. card 66-60054 LC 29.9: Sp 3/2
- 17822 Facsimilies of rare historical maps, list of reproductions for sale by various publishers and distributors; compiled by Walter W. Ristow. Revised [edition]. 1966. (Geography and Map Division.) [2]+i+12 p. ll. 4° †
L.C. card 66-62298 LC 5.2: H62/3

☿For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17823 Library and reference facilities in area of District of Columbia. 7th edition. 1966. [214] p. 4° (Loan Division, Reference Department.) * Paper, \$1.00. ● Item S18-B
L.C. card 44-41159 rev. LC 29.2: L 61/966
- 17824 Nigeria, guide to official publications; compiled by Sharon Burdge Lockwood. 1966. xii+166 p. 4° (General Reference and Bibliography Division, Reference Department.) * Paper, \$1.00. ● Item 806-B
L.C. card 66-61703 LC 2.8: N 56
- 17825 Subject headings used in dictionary catalogs of Library of Congress; edited by Marguerite V. Quattlebaum. 7th edition. 1966. viii+1432 p. 4° (Subject Cataloging Division, Processing Department.) † Cloth, \$15.00 Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, D.C. 20541
L.C. card 65-60043 LC 26.7: 7

MARINE CORPS (Navy), Defense Dept. Washington, D.C. 20350

- Fleet Marine Force manual FMFM (series). ● Item 384
- 17826 6-5. Marine rifle squad. [Apr. 6, 1966.] cover title, 4+xiv+562 p. il. 16° [Supersedes FMFM 6-5, Sept. 1963.] * Paper, \$2.50. D 214.9/4: 6-5/2
- 17827 Marine Corps retirement guide. [May 20, 1966.] cover title, [1]+1+iv+101 p. 4° (MCO P1760.5A.) [Issued with perforations. Cancellation of MCO P1760.5.] ‡ ● Item 384 D 214.9/2: R 31/966

MARITIME ADMINISTRATION, Commerce Dept. Washington, D.C. 20548

- 17828 Gateway to your future, Maritime Administration. [1966.] [15] p. il. 4° † ● Item 235 C 39.202: G 22/966

MARITIME ADVISORY COMMITTEE 441 G Street, N.W., Washington, D.C. 20548

NOTE.—The Maritime Advisory Committee was established by Executive Order 11156 of June 17, 1964, to consider matters of Federal maritime policy, including those policies and practices which may be followed by labor, management, or the Government for strengthening the trade, national defense, manpower, and labor relations of the maritime industry.

- 17829 Maritime policy and program of United States, report and recommendations of public members of Maritime Advisory Committee, submitted to full committee for its consideration, Nov. 22, 1965, as revised Nov. 27, 1965. [1966.] [161] p. 4° †
L.C. card 66-65717 Y 3.M 33: 2 P 75

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, D.C. 20350

- 17830 Manual of naval preventive medicine. Aug. 1966. iii+17 p. 4° (NAVMED P-5010.) [Includes Contents and chap. 11, Safe and proper handling of pesticides, NAVMED P-5010-11. Issued in looseleaf form.] † ● Item 385-B
L.C. card 56-61480 D 206.6/3: M 46/chap. 11

MILITARY ACADEMY, West Point (Army), Defense Dept. West Point, N.Y. 10996

- 17831 United States Military Academy, [West Point, N.Y.], catalogue 1966-67, 165th year. [1966.] [5]+227 p. il. ‡ ● Item 353
L.C. card 46-27855 D 109.8: 966-67

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

MINES BUREAU, Interior Dept.
Washington, D.C. 20240

- 17832 Aluminum; by John W. Stamper. [1966.] [2]+25 p. [Preprint from Minerals yearbook, 1965.] * Paper, 15c. I 28.37/a: A1 82/965
- 17833 Asbestos; by Timothy C. May. [1966.] [2]+11 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: As 15/965
- 17834 Bauxite; by Lloyd R. Williams. [1966.] [2]+15 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: B 329/965
- 17835 Copper; by F. L. Wideman. [1966.] [2]+36 p. [Preprint from Minerals yearbook, 1965.] * Paper, 15c. I 28.37/a: C 793/965
- 17836 Fluorspar and cryolite; by Ronald C. Briggs. [1966.] [2]+14 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: F 673/965

Information circular. • Item 637-A

- 17837 8306. Research and technologic work at Health and Safety Research and Testing Center, fiscal years 1960-65; by Staff. [1966.] [2]+ii+31 p. il. 4¢
† Mines Bureau, Pittsburgh, Pa. 15213 I 28.27: 8306
- 17838 Manganese; by Gilbert L. DeHuff. [1966.] [2]+15 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: M 313/965
- 17839 Mica; by Benjamin Petkof. [1966.] [2]+12 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a: M 581/965
- 17840 Mineral industry of Connecticut; by Joseph Krickich. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: C 76/965
- 17841 Mineral industry of Delaware; by Samuel A. Gustavson. [1966.] [2]+3 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a2: D 37/965
- 17842 Mineral industry of Finland; by F. L. Klinger. [1966.] [2]+11 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: F 496/965
- 17843 Mineral industry of Maine; by John W. Hartwell. [1966.] [2]+7 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: M 28/965
- 17844 Mineral industry of Massachusetts; by Melvin E. Hinkle. [1966.] [2]+8 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: M 38/965
- 17845 Mineral industry of Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island possessions, and Trust Territory of Pacific Islands; by Harry F. Robertson, José F. Cadilla, and Roy Y. Ashizawa. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a2: P 96r/965
- 17846 Mineral industry of Qatar, Trucial States, Muscat and Oman, Federation of South Arabia, and Yemen; by James A. West. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: Q 12/2/965
- 17847 Mineral industry of Saudi Arabia; by James A. West. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a2: Sa 85/965
- 17848 Mineral industry of Syrian Arab Republic; by E. Shekarchi. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a2: Sy 83/965
- 17849 Mineral industry of United Arab Republic (Egypt); by Henry E. Stipp. [1966.] [2]+8 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c. I 28.37/a2: Un 34ar/965
- 17850 Phosphate rock; by Richard W. Lewis. [1966.] [2]+21 p. il. [Preprint from Minerals yearbook, 1965.] * Paper, 15c. I 28.37/a: P 566/965

• For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

• Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17851 Platinum-group metals [with list of references]; by Glen C. Ware. [1966.] [2]+12 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a : P 696/965

Report of investigations. ● Item 637-A

I 28.23:(nos.)

- 17852 6819. Analyses of crude oils from 546 important oilfields in United States [with list of references]; by C. M. McKinney, E. P. Ferrero, and W. J. Wenger. [1966.] [3]+345 p. 4° * Paper, \$1.75.
- 17853 6844. Chemical processing of Florida phosphate rock slime; by M. H. Stanczyk and I. L. Feld. [1966.] [3]+11 p. 4° [Based on work done in cooperation with University of Alabama.] † Mines Bureau, Pittsburgh, Pa. 15213
- 17854 6845. Tungsten recovery from low-grade concentrates of amine solvent extraction [with list of references]; by P. E. Churchward and D. W. Bridges. [1966.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17855 6846. Crude oil characterizations based on Bureau of Mines routine analyses [with list of references]; by H. M. Smith and J. H. Hale. [1966.] [1]+ii+28 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17856 6847. Laboratory comparison of adsorptivity of 8 commercially available charcoals [with list of references]; by C. L. Klingman, A. A. Sonnek, and J. D. Marshall. [1966.] [3]+17 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17857 6848. Nitrogen gas in 5 oilfields on Nesson anticline in North Dakota [with list of references]; by L. C. Marchant. [1966.] [3]+24 p. il. 4° [Based on work done in cooperation with University of Wyoming.] † Mines Bureau, Pittsburgh, Pa. 15213
- 17858 6849. Knudsen effusion apparatus for vapor pressure measurements [with list of references]; by Stephen D. Hill, Arnold Adams, and F. E. Block. [1966.] [3]+18 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17859 6850. Preparation of high-purity molybdenum by molten salt electrorefining [with list of references]; by R. E. Cumings, F. R. Cattoir, and T. A. Sullivan. [1966.] [3]+24 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17860 6851. Thermoelectric properties of yttrium selenides and tellurides [with list of references]; by Lindsay D. Norman, jr. [1966.] [3]+19 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17861 6852. Determination of copper with disodium ethylenedinitrilo tetraacetate (EDTA) [with list of references]; by R. E. Stiles and D. L. Munneke. [1966.] [3]+12 p. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17862 6853. Vapor deposition of molybdenum-tungsten alloys [with list of references]; by J. G. Donaldson and H. Kenworthy. [1966.] [3]+12 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17863 6854. Mass and infrared spectra of selected unsaturated hydrocarbons and oxygenates [with list of references]; by R. F. Kendall and B. H. Eccleston. [1966.] [3]+107 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17864 6855. Radioactive techniques for continuously measuring flotation froth density and pulp flow rates [with list of references]; by J. V. Batty, H. L. Gibbs, and A. M. Poston, jr. [1966.] [3]+18 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 17865 6856. Film coefficients of heat transfer for helium at 2,000° to 2,500° F in turbulent flow [with list of references]; by N. H. Coates and A. F. Galli. [1966.] [3]+22 p. il. 4° [Based on work done in cooperation with Atomic Energy Commission.] † Mines Bureau, Pittsburgh, Pa. 15213
- 17866 6857. Hot gas ignition temperatures of hydrocarbon fuel vapor-air mixtures; by J. M. Kuchta and R. J. Cato. [1966.] [3]+14 p. il. 4° [Based on work done under Air Force Aero Propulsion Laboratory delivery order 33(657)-63-376, task 304801.] † Mines Bureau, Pittsburgh, Pa. 15213
- 17867 6862. High-temperature heat content of lithium columbate [with list of references]; by L. B. Pankratz and E. G. King. [1966.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213

- 17868 Talc, soapstone, and pyrophyllite; by J. Robert Wells. [1966.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] * Paper, 10c.
I 28.37/a : T 143/965

- 17869 Vermiculite; by Timothy C. May. [1966.] [2]+4 p. [Preprint from Minerals yearbook, 1965.] * Paper, 5c. I 28.37/a : V 592/965

MINT BUREAU, Treasury Dept.
Washington, D.C. 20220

- 17870 Domestic and foreign coins, manufactured by mints of United States 1792-1965. [1966.] cover title, ii+119 p. [From annual report of Director of Mint.] * Paper, 40c.
L.C. card 36-26170 T 28.1/a : C 666/2/965

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Washington, D.C. 20546

- 17871 Handbook for contamination control on Apollo Program [with bibliography]. Aug. 1966. cover title, vi+[210] p. il. 4° (NHB 5300.3; Office of Manned Space Flight, Apollo Program.) * Paper, \$1.50. ● Item 830-F
L.C. card 66-65719 NAS 1.18: Ap 4/3
- NASA contractor report CR (series). NAS 1.26: (nos.)
- 17872 562. Study of potential roles of supersonic transport crews and some implications for flight deck: v. 2. Feasible automated and manual implementation concepts for SST activities functions [with list of references]; by Harold E. Price, William D. Honsberger, and William J. Ereneta. Oct. 1966. cover title, x+601 p. il. 4° [Prepared under contract NAS 2-2209 by Serendipity Associates, Chatsworth, Calif.] Φ Paper, \$6.00.
L.C. card 66-62565
- 17873 575. Evaluation of high-temperature gas transport properties [with lists of references]. Sept. 1966. cover title, x+124 p. il. 4° [Prepared under contract NASw-1188 by Avco Corporation, Wilmington, Mass.] Φ Paper, \$3.00.
L.C. card 66-65751
- 17874 581. TIROS radiation measurements and variations in atmospheric heating [with list of references]; by Paul A. Davis. Oct. 1966. cover title, vi+46 p. il. 4° [Prepared under contract NAS 5-9540 by Stanford Research Institute, Menlo Park, Calif.] Φ Paper, \$2.00.
- 17875 600. Analytical study of separated flows induced by shock wave-boundary layer interaction [with list of references]; by M. S. Holden. Oct. 1966. cover title, xiv+58 p. il. 4° [Prepared under contract NAS 5-3976 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.] Φ Paper, \$2.50.
- 17876 603. Feasibility investigation concerning simulation of sonic boom by ballistic models [with list of references]; by J. G. Gallagher. Oct. 1966. cover title, [2]+96 p. il. 4° [Prepared under contract NAS 1-5149 by Douglas Aircraft Company, Inc., Long Beach, Calif.] Φ Paper, \$2.50.
- 17877 618. Analytic and computer studies of electron collection by spherical satellite in earth's magnetic field [with list of references]; by Lee W. Parker. Oct. 1966. cover title, iii+76 p. il. 4° [Prepared under contract NAS 5-9228 by Mt. Auburn Research Associates, Inc., Cambridge, Mass.] Φ Paper, \$2.50.
- 17878 621. Extension of plane strain analysis [with list of references]; by Kwan Rim and Roger O. Stafford. Oct. 1966. cover title, v+15 p. il. 4° [Prepared under grant NSG-576 by University of Iowa, Iowa City, Iowa.] Φ Paper, \$1.00.
- 17879 624. Feasibility breadboard of all-magnetic PCM telemetry system; by C. H. Heckler, Jr., and J. A. Baer. Oct. 1966. cover title, iv+44 p. il. 4° [Prepared under contract NAS 1-3380 by Stanford Research Institute, Menlo Park, Calif.] Φ Paper, \$2.00.
- 17880 626. Review of flight and wind tunnel measurements of boundary layer pressure fluctuations and induced structural response [with list of references]; by David Alan Bies. Oct. 1966. cover title, iii+92 p. il. 4° [Prepared under contract NAS 1-5120 by Bolt Beranek and Newman, Inc., Los Angeles, Calif.] Φ Paper, \$2.50.
- 17881 627. Experimental study of fluidization processes under lunar conditions [with list of references]; by Gordon H. Miller and Irving R. King. Oct. 1966. cover title, x+92 p. il. 4° [Prepared under contract NAS 5-9231 by Texaco Experiment, Inc., Richmond, Va.] Φ Paper, \$2.50.
- 17882 631. Minimum time aircraft trajectories between 2 points in range altitude, space [with list of references]; by Thomas L. Vincent and Richard G. Brusch. Oct. 1966. cover title, vi+48 p. il. 4° [Prepared under grant NSG-580 by University of Arizona, Tucson, Ariz.] Φ Paper, \$2.50.
- 17883 632. Investigation of ceramics as structural materials [with bibliographies]; by F. R. Shanley, W. J. Knapp, and P. Kurtz, Jr. Oct. 1966. cover title, v+15 p. il. 4° [Prepared under contract NSG-427 by University of California, Los Angeles, Calif.] Φ Paper, \$1.00.
- 17884 635. Inflight and ground-based simulation of handling qualities of very large airplanes in landing approach [with list of references]; by Philip M. Condit, Laddie G. Kimbrel, and Robert G. Root. Oct. 1966. cover title, v+61 p. il. 4° [Prepared under contract NAS 2-3224 by Boeing Company, Seattle, Wash.] Φ Paper, \$2.50.
- 17885 NASA directory of services for public. [1966.] [11] p. il. narrow 8° †
● Item 830-C NAS 1.2: D 62
- NASA EP-(series). ● Item 830-G NAS 1.19: (nos.)
- 17886 41. Propulsion for deep space. June 1966. [1]+29 p. il. 4° (Electromagnetic Propulsion Division, Lewis Research Center.) †
L.C. card 66-62600
- 17887 42. Planetarium, elementary-school teaching resource [with bibliographies]; editor, Bartlett A. Wagner. Feb. 1966. [1]+vi+52 p. il. 4° [Prepared by University of Bridgeport.] * Paper, 40c.

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 57

GOVERNMENT PUBLICATIONS

NASA facts. [Educational services publication of Educational Programs and Services Office.] • Item S30-H

- 17888 v. 3, no. 6. Laser. [1966.] 1 sheet oblong f° [Designed for bulletin board display uncut, or 8 p. ll. 4° for looseleaf notebook insertion when cut along dotted lines and folded along solid lines.] * Paper, 10c. NAS 1.20: 3/6

NASA SP (series).

NAS 1.21: (nos.)

- 17889 94. Significant achievements in satellite geodesy 1958-64 [articles, with lists of references]. 1966. x+174 p. ll. (Scientific and Technical Information Division.) * Paper, 70c. • Item S30-I
L.C. card 66-65735
- 17890 3032. Electron densities and scale heights in topside ionosphere, Alouette I observations over American continents: v. 2, March and May 1963 [with list of references; by] Kwok-Long Chan, Lawrence Colin, and John O. Thomas. 1966. [3]+607 p. ll. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) Φ Paper, \$6.50.
L.C. card 66-62184
- 17891 3035. Thermodynamic, transport, and flow properties for products of methane burned in oxygen-enriched air [with list of references]; by Bobby H. Croom and Edward W. Leyhe. 1966. [2]+89 p. ll. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) Φ Paper, \$2.50
L.C. card 66-65736

NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.] Φ Paper, each 15c. NAS 1.29: (nos.)

- 17892 66-10414. Electrically controlled optical latch and switch requires less current. Sept. 1966. [2] p. ll. 4° ([M-FS-111 & 112.])
- 17893 66-10417. Modified pliers facilitate coupling of bayonet-type connectors. Sept. 1966. [2] p. ll. 4° ([M-FS-1344.])
- 17894 66-10418. Bearing puller facilitates removal and replacement of bearing assemblies. Sept. 1966. [2] p. ll. 4° ([M-FS-1538.])
- 17895 66-10421. Copper wire plated with nickel and silver resists corrosion. Sept. 1966. 1 p. 4° (M-FS-761.)
- 17896 66-10422. Large diameter metal ring seal prevents gas leakage at 5000 psi. Sept. 1966. [2] p. ll. 4° ([M-FS-1064.])
- 17897 66-10423. Investigation of phase-lock loop swept-frequency synchronization. Sept. 1966. [2] p. ll. 4° ([M-FS-656.])
- 17898 66-10425. Interior servicing platform simplifies maintenance of storage tanks. Oct. 1966. [2] p. ll. 4° ([M-FS-1300.])
- 17899 66-10428. Flexible drive allows blind machining and welding in hard-to-reach areas. Oct. 1966. 1 p. 4° (MSC-524.)
- 17900 66-10433. Linear signal noise summer accurately determines and controls S/N ratio. Oct. 1966. [2] p. ll. 4° ([JPL-SC-152.])
- 17901 66-10434. Rotating magnetic poles used to pump mercury. Oct. 1966. [2] p. ll. 4° ([Lewis-276.])
- 17902 66-10436. Shaft encoder presents digital output. Oct. 1966. [2] p. ll. 4° ([JPL-SC-191.])
- 17903 66-10438. Densitometer system for liquid hydrogen has high accuracy, fast response. Oct. 1966. [2] p. ll. 4° ([M-FS-909.])
- 17904 66-10440. Photoelectric scanner makes detailed work function maps of metal surface. Oct. 1966. 1 p. ll. 4° (JPL-SC-176.)
- 17905 66-10442. Improved method for testing performance of vidicons during vibration. Oct. 1966. 1 p. 4° (JPL-SC-113.)
- 17906 66-10443. New backup-bar groove configuration improves heliarc welding of 2014-T6 aluminum. Oct. 1966. [2] p. ll. 4° ([MSC-806.])
- 17907 66-10445. Weldable aluminum alloy has improved mechanical properties. Oct. 1966. 1 p. 4° (M-FS-295.)
- 17908 66-10448. Thermal stress-relief treatments for 2219 aluminum alloy are evaluated. Oct. 1966. 1 p. 4° (M-FS-1213.)
- 17909 66-10451. Reusable chelating resins concentrate metal ions from highly dilute solutions Oct. 1966. 1 p. 4° (JPL-758.)

NASA technical memorandum TM (series).

- 17910 X-1279. Aerobee 150 structural and aerodynamic pitch coupling [with list of references]; by J. R. Busse and G. E. Kraft. Oct. 1966. cover title, iv+49 p. ll. 4° Φ Paper, \$2.50. NAS 1.15: X-1279

NASA technical note TN (series).

NAS 1.14: D- (nos.)

- 17911 D-3221. Errata, Turbulence, heat-transfer, and boundary layer measurements in conical nozzle with controlled inlet velocity profile, by Donald R. Boldman, James F. Schmidt, and Anthony Fortini, Mar. 1966. [Oct. 10, 1966.] [3] leaves, ll. 4° +
- 17912 D-3457. Steady-state composition of low-density nonequilibrium hydrogen plasma [with list of references]; by Roman Krawec. Oct. 1966. cover title, [1]+18 p. ll. 4° Φ Paper, \$1.00.
- 17913 D-3571. Project Fire photographic summary and record of reentry phenomena at hyperbolic velocities [with list of references]; by Charles W. McKee. Oct. 1966. cover title, [1]+68 p. ll. 4° Φ Paper, \$2.50.

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

- 17914 D-3619. Evaluation of several silicone, phenolic, and epoxy base heat-shield materials at various heat-transfer rates and dynamic pressures [with list of references]; by Andrew J. Chapman. Oct. 1966. cover title, [1]+56 p. il. 4° Φ Paper, \$2.50.
- 17915 D-3630. Damage to field-effect transistors under 22 and 128 MeV proton bombardments [with list of references]; by Floyd R. Bryant and Carl L. Fales. Oct. 1966. cover title, [1]+43 p. il. 4° Φ Paper, \$2.00.
- 17916 D-3632. Experimental and analytical study of longitudinal vibration of simplified Thor vehicle structure [with list of references]; by Huey D. Carden and John P. Raney. Oct. 1966. cover title, iv+41 p. il. 4° Φ Paper, \$2.00.
- 17917 D-3640. Stored program computer for small scientific spacecraft; by Rodger A. Cliff. Oct. 1966. cover title, iii+52 p. il. 4° Φ Paper, \$2.50.
- 17918 D-3646. Project Fire instrumentation for radiative heating and related measurements [with list of references]; by Norman R. Richardson. Oct. 1966. cover title, iii+72 p. il. 4° Φ Paper, \$2.50.
- 17919 D-3653. Fixed-base visual-simulation study of manually controlled translation and hover maneuvers over lunar surface [with list of references]; by G. Kimball Miller, jr. Oct. 1966. cover title, [1]+24 p. il. 4° Φ Paper, \$1.00.
- 17920 D-3654. Analog study of passive thermal behavior of orbiting space station [with list of references]; by Lenwood G. Clark and John W. Wilson. Oct. 1966. cover title, [1]+36 p. il. 4° Φ Paper, \$2.00.
- 17921 D-3658. Overlay copy technique to provide high-contrast electron micrographs for automatic metallographic analysis [with list of references]; by L. Frederick Norris, Walter S. Cremens, and John W. Weeton. Oct. 1966. cover title, [1]+6 p. il. 4° Φ Paper, \$1.00.
- 17922 D-3660. Ablative and insulating properties of outgassed boron nitride and boron nitride composite [with list of references]; by Arthur F. Okuno. Oct. 1966. cover title, [1]+19 p. il. 4° Φ Paper, \$1.00.
- 17923 D-3662. Error analysis of weighted least squares process to determine lunar gravitational field [with list of references]; by Robert H. Tolson and Harold R. Compton. Oct. 1966. cover title, [1]+37 p. il. 4° Φ Paper, \$2.00.
- 17924 D-3663. Effect of moisture on cadmium sulfide solar cells [with list of references]; by Adolph E. Spakowski, Ferdinand L. Acampora, and Russell E. Hart, jr. Oct. 1966. cover title, [1]+14 p. il. 4° Φ Paper, \$1.00.
- 17925 D-3666. Ten-bit analog-to-digital converter [with list of references]; by Robert S. Lee. Oct. 1966. cover title, iii+6 p. il. 4° Φ Paper, \$1.00.
- 17926 D-3668. Supercircular entry guidance concept designed for maximum monitoring capability [with list of references]; by C. Dewey Havill, Kenneth C. White, and Glen W. Stinnett. Oct. 1966. cover title, [1]+38 p. il. 4° Φ Paper, \$2.00.
- 17927 D-3669. Effects of Gemini left-hand window on experiments requiring accuracy in sighting or resolution [with one reference]; by Thomas M. Walsh, David N. Warner, jr., and Michael B. Davis. Oct. 1966. cover title, [1]+28 p. il. 4° Φ Paper, \$2.00.
- 17928 D-3670. Comparison of calculated and measured characteristics of horizontal multitube heat exchanger with steam condensing inside tubes [with list of references]; by Harold H. Coe, Orlando A. Gutierrez, and David B. Fenn. Oct. 1966. cover title, [1]+48 p. il. 4° Φ Paper, \$2.00.
- 17929 D-3679. Data converter and display system for Wisconsin experiment on Orbiting Astronomical Observatory [with list of references]; by Sterling R. Smith. Oct. 1966. cover title, iii+19 p. il. 4° Φ Paper, \$1.00.
- 17930 D-3680. Liquid-hydrogen density measurements using open-ended microwave cavity [with list of references]; by Norman C. Wenger and Jerry Smetana. Φ Paper, \$1.00.
- 17931 D-3684. Nonsteady liquid and gas flow with heat addition and shock perturbations [with list of references]; by Fred S. Sidransky and Margaret Marie Smith. Oct. 1966. cover title, iii+65 p. il. 4° Φ Paper, \$2.50.

NASA technical report R (series).

- 17932 246. Flammability in zero-gravity environment [with list of references]; by J. H. Kimzey [and others]. Oct. 1966. cover title, vii+42 p. il. 4° [Some illustrations are colored.] Φ Paper, \$2.00. NAS 1.12: 246 L.C. card 66-65734
- 17933 14th semiannual report to Congress, July 1-Dec. 31, 1965. [1965. [1966.] xviii+269 p. il. [Text on p. 2 of cover. Also issued as H. doc. 526, 89th Cong., 2d sess.] * Paper, \$1.25 • Item 830-A L.C. card 59-61976 NAS 1.1: 965-2

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, D.C. 20250

Library lists. \uparrow

A 17.17:(nos.)

- 17934 84. Rural electrification in United States 1954-64, list of selected references; [compiled by Dean Timothy Andrews]. June 1966. iv+70 p. 4° L.C. card Agr 66-276
- 17935 85. Publications on Chinese agriculture prior to 1949; [compiled by William J. C. Logan and Peter B. Schroeder] July 1966. [2]+ii+142 p. 4° L.C. card Agr 66-273

Φ For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
•Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NATIONAL BUREAU OF STANDARDS, Commerce Dept. Washington, D.C. 20235

Commercial standard CS (series). ([Office of Products Standards.])
● Item 243

- 17936 236-66. Mat-formed wood particle board, recorded voluntary standard of trade.
[2d edition.] [1966.] 8 p. il. 4° [Effective Apr. 15, 1966. Super-
sedes CS236-61.] * Paper, 10c. C 13.20: 236-66

Journal of research of National Bureau of Standards [with lists of refer-
ences]; v. 69, Jan.-Dec. 1965.

- 17937 sec. A. Physics and chemistry, papers 69A1-320 to 69A6-379. [1966.] v+569
p. il. 4° * Cloth, \$5.50. C 13.22/2: 69A
L.C. card 62-37059
17938 sec. B. Mathematics and mathematical physics, papers 69B1-131 to 69B4-164.
[1966.] iv+[2]+346 p. il. 4° * Cloth, \$3.75. C 13.22/2: 69B
L.C. card 62-4414

Miscellaneous publication. ● Item 247

- 17939 280. Hydraulic research in United States, 1966, including contributions from
Canadian Laboratories; edited by Helen K. Middleton and Gershon Kulin.
Sept. 8, 1966. viii+248 p. 4° * Paper, \$1.50. C 13.10: 280
L.C. card 34-3323

National standard reference data series, NSRDS-NBS.

- 17940 7. High temperature properties and decomposition of inorganic salts: pt. 1, Sul-
fates [with list of references; by] K. H. Stern and E. L. Weise. Oct. 1, 1966.
v+38 p. 4° (Category 5, Thermodynamic and transport properties.) * Pa-
per, 35c. ● Item 248-B C 13.48: 7/pt. 1
L.C. card 66-60081

Technical notes. ● Item 249-A

C 13.46: (nos.)

- 17941 295. Disclosures on transrotor engine, High temperature platinum resistance
thermometer, Dynamic analog correlation system, Combination metering
and safety valve for filling sonde balloons with hydrogen [articles]; edi-
tors, David Robbins and Alvin J. Englert. Oct. 21, 1966. iv+22 p. il. 4°
* Paper, 25c.
17942 339. Observed phase-front distortion in simulated earth-to-space microwave trans-
missions [with list of references; by] H. B. Jones and M. C. Thompson, jr.
May 12, 1966. iii+96 p. il. 4° * Paper, 50c.
17943 343. Temperature-entropy diagram for parahydrogen triple-point region [with list
of references; by] C. F. Sindt and D. B. Mann. June 22, 1966. iii+6 p.
il. 4° * Paper, 15c.
17944 405. Organic chemistry, air pollution studies, kinetic behavior of sugars in solu-
tion, carbon-14- and tritium-labeled carbohydrates, characterization of
chemical structures, phenylhydrazine-phenylazo tautomerism, synthesis
of research materials, cyclopentitols and related substances, novel research
materials, standard reference materials (organic), July 1965-June 1966
[articles, with list of references]; edited by Horace S. Isbell. Sept. 30,
1966. x+112 p. il. 4° [Page 112 left blank for notes.] * Paper, 60c.
17945 408. Superconductive materials and some of their properties [with bibliography];
B. W. Roberts. Sept. 26, 1966. [80] p. il. 4° [Prepared for Office of
Standard Reference Data, Institute for Basic Standards.] * Paper, 45c.
L.C. card 66-65752

NATIONAL CAPITAL REGIONAL PLANNING COUNCIL Washington, D.C. 20576

National capital open space program: Planning report. ● Item 831-A

- 17946 2. Recreational open space priorities; [prepared by Richard B. Westbrook].
[1966.] [6]+34 p. il. map, 4° ‡ NC 3.9/2:2

NATIONAL COMMISSION ON FOOD MARKETING Washington, D.C. 20407

NOTE.—The National Commission on Food Marketing was established by Public
law 88-354, approved July 3, 1964.

Technical studies. † ● Item 1070-G

Y 3.N 21/22: 9/(nos.)

- 17947 1. Organization and competition in livestock and meat industry: supp. 1, Struc-
ture and conduct of commercial cattle feeding industry; [by Willard F.
Williams]. June 1966. [3]+80+[19] p. 4°
L.C. card 66-62566
17948 Same: supp. 2, Economics of scale in cattle slaughtering plants [with list of
literature cited; by Samuel H. Logan]. June 1966. [3]+44+[1] p. il. 4°
L.C. card 66-62566

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

DECEMBER 1966

- 17949 4. [Organization and competition in fruit and vegetable industry], supp. 3. Federal and State enabling legislation for fruit and vegetable marketing orders, evolution and current status; [prepared by Kenneth R. Farrell]. June 1966. [9]+137 p. 4°
L.C. card 66-62567

NATIONAL GUARD BUREAU, Defense Dept. Washington, D.C. 20310

- NGB pamphlets. ‡ ● Item 358 D 12.8:44-(nos.)
- 17950 44-3. Announcement of winners, National Rifle Association, indoor rifle tournament [Oct. 1, 1965-Mar. 1, 1966]. [Aug. 1, 1966.] cover title, [9] p. il. 4° (Departments of Army and Air Force.) [Issued with perforations. Supersedes NGB pam 44-3, Apr. 30, 1966.]
- 17951 44-4. Announcement of winners, chief National Guard Bureau's trophies (indoor rifle and pistol matches, postal) [June 1, 1965-May 30, 1966]. [Aug. 30, 1966.] cover title, il+52+[4] p. il. 4° (Departments of Army and Air Force.) [Issued with perforations. Supersedes NGB pam 44-4, July 30, 1965.]
- 17952 44-6. Announcement of winners, Eisenhower trophy [calendar year 1965]. [July 30, 1966.] [12] p. il. 4° (Department of Army and Air Force.) [Issued with perforations. Supersedes NGB pam 44-6, Oct. 30, 1965.]

NATIONAL LABOR RELATIONS BOARD Washington, D.C. 20570

- 17953 Decisions and orders of National Labor Relations Board, v. 154, July 24-Sept. 30, 1965. 1966. xvi+1840 p. * Cloth, \$5.75. ● Item 826
L.C. card 37-26136 LR 1.8: 154
- 17954 Working with automation, remarks of Sam Zagoria, Member, National Labor Relations Board, at seminar on manpower policy and program sponsored by Manpower Administration, Department of Labor, Washington, D.C., Oct. 13, 1966. 1966. [1]+14+[1] p. 4° (R-1056.) ‡
LR 1.7: Z 1/9

NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, Md. 20014

- 17955 Bibliography of history of medicine, no. 1, 1965. 1966. x+290 p. 4° ([Publication 1540.1]) * Paper, \$1.75. ● Item 508-F
L.C. card 66-62950 FS 2.209/4:1

NATIONAL PARK SERVICE, Interior Dept. Washington, D.C. 20242

- 17956 Flaming Gorge National Recreation Area, Wyo., Utah. [Revised 1966.] [1966.] [2] p. il. large 4°, folded into narrow 8° size. * Paper, 15c.
● Item 654 I 29.39: F 61/966
- 17957 Fort Donelson National Military Park, Tenn. [1966.] [2] p. il. narrow f°, folded into oblong 32° size. * Paper, 10c. ● Item 650
I 29.21: F 77d/2/966
- 17958 Fort Laramie National Historic Site, Wyo. [1966.] [2] p. il. f° folded into narrow 8° size. ‡ ● Item 650
I 29.21: F 77i/966
- 17959 Lava Beds National Monument, Calif. [1966.] [10] p. il. narrow 8° ‡
● Item 650 I 29.21: L 38/2/966
- 17960 Mount McKinley National Park, Alaska. [Revised 1966.] [1966.] [24] p. il. 4°, folded into narrow 8° size. * Paper, 20c. ● Item 651
I 29.6: M 86/20/966
- 17961 Point Reyes National Seashore, Calif. [Revised 1966.] [1966.] [8] p. il. (with map on verso) folded into narrow 8° size. * Paper, 10c.
● Item 651 I 29.6/2: P 75/966
- 17962 Wind Cave National Park, S. Dak. [1966.] [2] p. il. f°, folded into narrow 8° size. * Paper, 10c. ● Item 651
I 29.6: W 72/2/966

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

NATIONAL RAILROAD ADJUSTMENT BOARD Washington, D.C. 20572

- 17963 Awards 1841-1996, and interpretations with index digest, 4th division, v. 19. Keenan Printing Company, Chicago, Ill. [1966.] iv+1206 p. † National Railroad Adjustment Board, Chicago, Ill. (Price upon application). L.C. card 40-29244 RA 1.10: 19

NATIONAL SCIENCE FOUNDATION Washington, D.C. 20550

- 17964 Federal funds for research, development, and other scientific activities, fiscal years 1965-67, v. 15; [prepared in Office of Economic and Manpower Studies]. [1966.] x+195 p. il. 4° (Surveys of science resources series; NSF 66-25.) * Paper, \$1.25. ● Item 834-N NS 1.18: 15
L.C. card 53-61515

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, D.C. 20390

Publications. ● Item 378 (Rev. 1957) D 203.22: (nos.)

- 17965 11. Change 2, June 18, 1966, loose leaf change pages for correcting Sailing directions for British Columbia, v. 2, 6th edition, 1962. [1966.] [63] p. il. 4° [Formerly no. 176. Includes list of effective pages.] † Paper, 35c.
17966 33. Change 10, Apr. 23, 1966, loose leaf change pages for correcting Sailing directions for west coast of Scotland, 4th edition, 1951. [1966.] [49] p. il. 4° [Formerly 147. Includes list of effective pages.] † Paper, 35c.
17967 73. Change 9, June 11, 1966, loose leaf change pages for correcting Sailing directions for New Guinea, 4th edition, 1952. [1966.] [129] p. il. 4° [Formerly no. 164. Includes list of effective pages.] † Paper, 35c.
17968 74. Change 9, Aug. 13, 1966, loose leaf change pages for correcting Sailing directions for north and west coasts of Australia, 3d edition, 1952. [1966.] [63] p. 4° [Formerly 170. Includes list of effective pages.] † Paper, 35c.
17969 93. Change 9, July 16, 1966, loose leaf change pages for correcting Sailing directions for western shores of South China Sea, 5th edition, 1957. [1966.] [76] p. il. 4° [Formerly 125. Includes list of effective pages.] † Paper, 35c.
17970 112. Change 11, List of lights and fog signals, Western Pacific and Indian Oceans including Persian Gulf and Red Sea; Aug. 20, 1966. 1966. [208] p. 4° [Includes list of effective pages and Notice to mariners 34, 1966. Issued in looseleaf form.] † Paper, 50c.
17971 RDT&E, research, development, testing, and evaluation at Naval Oceanographic Office, 1960-66. [1966.] [56] p. il. oblong 8° [Text on p. 2 of cover.] * Paper, 60c. ● Item 377 D 203.2: R 31

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, D.C. 20390

- 17972 Basic digital computer and programming concepts. Feb. 1964. cover title, i+135+AS p. il. 4° (NAVPER 93251.) [Original publication by Donald M. Brown, produced by UNIVAC Division, Sperry Rand Corporation, and modified for Navy use.] † ● Item 404 D 208.11/2: C 73/5
L.C. card 66-65728
17973 Basics of magnetic amplifiers, trainee's guide for fire control technician training. Sept. 1966. cover title, xi+107 p. il. 4° (NAVPER 92389B.) [Supersedes NAVPER 82389A.] † ● Item 403-A D 208.6/3: Am 7/966
17974 Fire control electronics, instructor's guide for fire control technician training. Sept. 1966. cover title, viii+143 p. oblong 8° (NAVPER 93581.) † ● Item 403-A D 208.6/3: F 51/3
17975 Lithographer 1 & C [with reading list]. [1950, revised 1966.] [1966.] cover title, v+305 p. il. 4° (Navy training course; NAVPER 10454-A.) * Paper, \$1.75. ● Item 404 D 208.11: L 71/2/966
L.C. card 66-62935

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

DECEMBER 1966

- 17976 Machinery repairman 3 & 2 [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1952, revised 1966.] [1966.] cover title, vi+298 p. il. 4° (Navy training course; NAVPERS 10530-C.) [Copyrighted materials included.] ‡ ● Item 404
L.C. card 63-60156 D 208.11: M 18/3/966

NAVAL RESEARCH OFFICE, Defense Dept.
Washington, D.C. 20390

NRL report. (Naval Research Laboratory.)

- 17977 6411. Potential of platinum electrode at low partial pressures of hydrogen and oxygen: pt. 2, Improved gas-tight system with negligible oxygen leak [with list of references; by] S. Schuldiner, B. J. Piersma, and T. B. Warner. June 20, 1966. cover title, 10+[4] p. il. 4° ([NRL problems C05-06 and C05-13, projects SR 007-12-01-0809 and RR 001-01-43-4754.1] Φ Paper, \$1.00 (AD 636483). D 210.8: 6411

NAVY DEPARTMENT, Defense Dept.
Washington, D.C. 20350

- 17978 U.S. Navy public affairs regulations. [Revised Dec. 1965.] [1966.] cover title, xxi+[392] p. (NAVSO P-1035; Office of Information.) [Issued in looseleaf form. Supersedes Navy public information manual NAVEXOS P-1035.] * Paper, \$2.25. ● Item 373 D 201.6: P 96/965
- 17979 [This entry number not used.]

OUTDOOR RECREATION BUREAU, Interior Dept.
Washington, D.C. 20240

- 17980 Focus on the Hudson, evaluation of proposals and alternatives. [Aug. 1966.] cover title, viii+51 p. il. 4° [Issued also: Map, Existing and proposed scenic and recreational areas, with map, Urban areas, agriculture, transportation, and river-oriented industry, on verso. 31 x 21 in.] ‡ ● Item 657-B-1
L.C. card 66-62701 I 66.2: H 86
- Outdoor recreation action. [Quarterly. Issued with perforations.] * Paper, \$1.50 a yr., 25c. additional for foreign mailing; single copy 45c.
- 17981 no. 1— Aug. 1966— I 66.17: (nos.)

PATENT OFFICE, Commerce Dept.
Washington, D.C. 20231

- 17982 Directory of registered patent attorneys & agents, arranged by States and cities, 1966. [Jan. 1966.] iii+194 p. 4° * Paper, \$1.00. ● Item 262-A
L.C. card 66-65727 C 21.9/2: 966
- 17983 Imperative of international patent cooperation, text of address by Edward J. Brenner, Commissioner of Patents, for delivery before International Patent Conference sponsored by National Association of Manufacturers, Washington, D.C., Oct. 11, 1966. 1966. 12 p. 4° ‡ C 21.20: B 75/11
- 17984 Index to classification. [Apr. 1966.] 343 p. 4° [Issued in looseleaf form.] Not sold separately; included in subscription to Manual of classification and patents, which is * Paper, \$8.50 (including basic manual, index, and revised pages for an indefinite period), \$2.00 additional for foreign mailing. ● Item 257
L.C. card 61-60109 C 21.12/2: 966
- 17985 Manual of classification [replacement pages incorporating changes directed by Classification orders issued subsequent to Mar. 31, 1966, and prior to July 1, 1966]. [1966.] [84] p. 4° [Includes list of replacement pages. Issued in looseleaf form.] * Paper, \$8.50 (including basic manual, index, and revised pages for an indefinite period); \$2.00 additional for foreign mailing. ● Item 258 C 21.12: 963/rev. pages-15

ΦFor Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151
●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 17986 Manual of Classification (replacement pages incorporating changes directed by classification orders issued subsequent to June 30, 1966, and prior to Oct. 1, 1966.) [1966.] [S2] p. 4° [Includes list of replacement pages. Issued in looseleaf form.] * Paper, \$8.50 (including basic manual, index and revised pages for an indefinite period), \$2.00 additional for foreign mailing. ● Item 258 C 21.12: 963/rev. pages-16
- 17987 Trademark, rules of practice of Patent Office with forms and statutes 1966. [7th edition, May 1966.] [1966.] 124 p. il. [Amendments effective Oct. 16, 1965, Apr. 1 and 8, and May 19, 1966 are included.] * Paper, 45c. ● Item 262 C 21.14: T 67/2/966
L.C. card 48-50085

POST OFFICE DEPARTMENT Washington, D.C. 20260

- 17988 Directory of post offices (with ZIP codes). [July 1966.] viii+494 p. 4° ([Publication 26; Bureau of Operations.]) [Revised annually. Last 2 pages left blank for notes.] * Paper, \$2.75. ● Item 839 P 1.10/4: 966
L.C. card 55-61389
- 17989 1964 and 1966 agreements between Post Office Department and 7 employee organizations holding exclusive recognition with explanation of changes. Sept. 24, 1966. cover title, i+130 p. oblong 8° † ● Item 837 P 1.2: P 84/32/966

PRESIDENT OF UNITED STATES Washington, D.C. 20501

- 17990 Remarks by Margaret F. Ackroyd, Chief, Division of Women and Children, Rhode Island Department of Labor, 3d National Conference of Commissions on Status of Women, Panel on Labor Standards and Equal Employment Opportunity for Women, June 29, 1966, Washington, D.C. [1966.] 5 leaves, 4° ([WB67-63.]) † Pr 35.8: W 84/Ac 5

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, D.C. 20402

- 17991 For the reader on your holiday gift list. [1966.] [2] p. narrow f° folded into oblong 48° size. † ● Item 552 GP 3.22: G 36/966
Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 17992 11. Home economics, foods and cooking; Aug. 1966. 56th edition. [1966.] [2]+15 p. il. L.C. card 26-26496
- 17993 28. Finance, national economy, accounting, insurance, securities; Aug. 1966. 51st edition. [1966.] [2]+34 p. L.C. card 26-26476
- 17994 35. National parks, historic sites, national monuments; Aug. 1966. 44th edition. [1966.] [2]+13 p. L.C. card 26-26625
- 17995 36. Government periodicals and subscription services; Nov. 1966. 124th edition. [1966.] [2]+34 p. L.C. card 26-26170
- 17996 63. Navy, Marine Corps and Coast Guard; Sept. 1966. 44th edition. [1966.] [2]+24 p. L.C. card 26-26207
- 17997 1967 revised editions, United States Government official tax information, Your Federal income tax [and] Tax guide for small business, 2 annually revised publications designed to explain in easily understandable language Federal tax laws and to help you find answer to your problem, [announcement and] advance order form. [1966.] [2] p. 12° folded into oblong 48° † ● Item 552 GP 3.22: T 19/967
- 17998 Traffic sign charts in full color for wall or desk [announcement and order form.] [1966.] [2] p. il. oblong 16° folded into oblong 48° size. † ● Item 552 GP 3.22: T 67

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

- 17999 United States wall map, official map of United States, lithographed in 12 colors, prepared by Bureau of Land Management, Department of Interior [announcement and order form]. [1966.] [4] p. oblong 48° †
● Item 532 GP 3.22: Un 3

**PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.
Washington, D.C. 20201**

- 18000 Artificial kidney, what it is, how it works. [Revised May 1966.] [1966.] cover title, [32] p. il. oblong 24° ([Publication 1409.]) * Paper, 15c.
● Item 485 FS 2.2: K 54/966
L.C. card 66-65722

- 18001 Clinical Center, current clinical studies and patient referral procedures. Revised Oct. 1966. [1966.] iv+50 p. narrow 8° (National Institutes of Health.) [Illustration on front and back cover.] † ● Item 507
L.C. card 55-60833 FS 2.22: C 61/3/966

- 18002 [Division of Hospitals] annual statistical summary, fiscal year 1966: pt. 1, Management data. [1966.] xxii+162 p. il. 4° ([Publication 1532]; Division of Hospitals, Statistics and Reports Branch.) [Issued with marginal index tabs on blank cardboard showing part numbers and titles.] † ● Item 494-C
L.C. card 65-60230 FS 2.18/2: 966/pt. 1

Environmental health series: Radiological health. (Division of Radiological health.) ● Item 483-F

- 18003 RH-18. Mortality of New England dentists, 1921-60 [with list of references: by] Robert L. Glass. [May 1966.] viii+70 p. il. ([Publication 999-RH-18.]) [Report of study performed at Department of Epidemiology, Harvard School of Public Health, and aided by contract number Saph 76598. Abstract cards attached to back cover.] † Public Inquiries Branch, Public Health Service, Health Education, and Welfare Dept., Washington, D.C. 20201
L.C. card 66-60069 FS 2.300: RH-18

- 18004 Focus resources in school health services. [Sept. 1966.] [8] p. narrow 8° ([Publication 1537; Division of Community Health Services. School Health Section.]) * Paper, 5c. ● Item 485 FS 2.2: Sch 6/3

- 18005 Habits and coronary heart disease, Framingham heart study; [prepared by Heart Information Center, National Heart Institute]. [1966.] cover title, 12 p. il. oblong 12° ([Publication 1515.]) [Text on p. 2 of cover.] * Paper, 15c. ● Item 507
L.C. card 66-62686 FS 2.22: H 35/12

Health information series.

- 18006 22. Mumps. [Revised 1966.] [1966.] [2] p. 4°, folded into narrow 8° size. ([Publication 61.]) * Paper, \$2.00 per 100; single copy, 5c. ● Item 486
FS 2.50: 22/3

Health mobilization series. (Division of Health Mobilization.) ● Item 486-E

- 18007 F-13. Pharmacy section of packaged disaster hospital. 1966. iii+29 p. il. ([Publication 1071-F-13.]) [Includes list of publications on packaged disaster hospital and related material.] * Paper, 20c.
FS 2.302: F-13

Life tables, 1959-61, data from National Center for Health Statistics: v. 2, State life tables, no. ([Division of Health Records Statistics.]) †

● Item 500-E

L.C. card 65-60442

FS 2.85/3: 2/(nos.)

- 8008 1. Alabama. June 1966. [2]+3-15 p. 4° ([Publication 1252, v. 2, no. 1.])
8009 2. Alaska. June 1966. [2]+19-27 p. 4° ([Publication 1252, v. 2, no. 2.])
8010 3. Arizona. June 1966. [2]+31-39 p. 4° ([Publication 1252, v. 2, no. 3.])
8011 4. Arkansas. June 1966. [2]+43-55 p. 4° ([Publication 1252, v. 2, no. 4.])
8012 5. California. June 1966. [2]+59-71 p. 4° ([Publication 1252, v. 2, no. 5.])
8013 6. Colorado. June 1966. [2]+75-83 p. 4° ([Publication 1252, v. 2, no. 6.])
8014 7. Connecticut. June 1966. [2]+87-95 p. 4° ([Publication 1252, v. 2, no. 7.])
8015 8. Delaware. June 1966. [2]+99-107 p. 4° ([Publication 1252, v. 2, no. 8.])
8016 9. District of Columbia. June 1966. [2]+111-123 p. 4° ([Publication 1252, v. 2, no. 9.])

☐For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Life tables, etc.—Continued

- 18017 10. Florida. June 1966. [2]+127-139 p. 4° ([Publication 1252, v. 2, no. 10.])
- 18018 11. Georgia. June 1966. [2]+143-155 p. 4° ([Publication 1252, v. 2, no. 11.])
- 18019 12. Hawaii. June 1966. [2]+159-171 p. 4° ([Publication 1252, v. 2, no. 12.])
- 18020 13. Idaho. June 1966. [2]+175-183 p. 4° ([Publication 1252, v. 2, no. 13.])
- 18021 14. Illinois. June 1966. [2]+187-199 p. 4° ([Publication 1252, v. 2, no. 14.])
- 18022 15. Indiana. June 1966. [2]+203-213 p. 4° ([Publication 1252, v. 2, no. 15.])
- 18023 16. Iowa. June 1966. [2]+219-227 p. 4° ([Publication 1252, v. 2, no. 16.])
- 18024 17. Kansas. June 1966. [2]+231-239 p. 4° ([Publication 1252, v. 2, no. 17.])
- 18025 18. Kentucky. June 1966. [2]+243-255 p. 4° ([Publication 1252, v. 2, no. 18.])
- 18026 19. Louisiana. June 1966. [2]+259-271 p. 4° ([Publication 1252, v. 2, no. 19.])
- 18027 20. Maine. June 1966. [2]+275-283 p. 4° ([Publication 1252, v. 2, no. 20.])
- 18028 21. Maryland. June 1966. [2]+287-299 p. 4° ([Publication 1252, v. 2, no. 21.])
- 18029 22. Massachusetts. June 1966. [2]+303-311 p. 4° ([Publication 1252, v. 2, no. 22.])
- 18030 23. Michigan. June 1966. [2]+315-327 p. 4° ([Publication 1252, v. 2, no. 23.])
- 18031 24. Minnesota. June 1966. [2]+331-339 p. 4° ([Publication 1252, v. 2, no. 24.])
- 18032 25. Mississippi. June 1966. [2]+343-355 p. 4° ([Publication 1252, v. 2, no. 25.])
- 18033 26. Missouri. June 1966. [2]+359-371 p. 4° ([Publication 1252, v. 2, no. 26.])
- 18034 27. Montana. June 1966. [2]+375-383 p. 4° ([Publication 1252, v. 2, no. 27.])
- 18035 28. Nebraska. June 1966. [2]+387-395 p. 4° ([Publication 1252, v. 2, no. 28.])
- 18036 29. Nevada. June 1966. [2]+399-407 p. 4° ([Publication 1252, v. 2, no. 29.])
- 18037 30. New Hampshire. June 1966. [2]+411-419 p. 4° ([Publication 1252, v. 2, no. 30.])
- 18038 31. New Jersey. June 1966. [2]+423-435 p. 4° ([Publication 1252, v. 2, no. 31.])
- 18039 32. New Mexico. June 1966. [2]+439-447 p. 4° ([Publication 1252, v. 2, no. 32.])
- 18040 33. New York. June 1966. [2]+451-463 p. 4° ([Publication 1252, v. 2, no. 33.])
- 18041 34. North Carolina. June 1966. [2]+467-479 p. 4° ([Publication 1252, v. 2, no. 34.])
- 18042 35. North Dakota. June 1966. [2]+483-491 p. 4° ([Publication 1252, v. 2, no. 35.])
- 18043 36. Ohio. June 1966. [2]+495-507 p. 4° ([Publication 1252, v. 2, no. 36.])
- 18044 37. Oklahoma. June 1966. [2]+511-523 p. 4° ([Publication 1252, v. 2, no. 37.])
- 18045 38. Oregon. June 1966. [2]+527-535 p. 4° ([Publication 1252, v. 2, no. 38.])
- 18046 39. Pennsylvania. June 1966. [2]+539-551 p. 4° ([Publication 1252, v. 2, no. 39.])
- 18047 40. Rhode Island. June 1966. [2]+555-563 p. 4° ([Publication 1252, v. 2, no. 40.])
- 18048 41. South Carolina. June 1966. [2]+567-579 p. 4° ([Publication 1252, v. 2, no. 41.])
- 18049 42. South Dakota. June 1966. [2]+583-589 p. 4° ([Publication 1252, v. 2, no. 42.])
- 18050 43. Tennessee. June 1966. [2]+595-607 p. 4° ([Publication 1252, v. 2, no. 43.])
- 18051 44. Texas. June 1966. [2]+611-623 p. 4° ([Publication 1252, v. 2, no. 44.])
- 18052 45. Utah. June 1966. [2]+627-635 p. 4° ([Publication 1252, v. 2, no. 45.])
- 18053 46. Vermont. June 1966. [2]+639-647 p. 4° ([Publication 1252, v. 2, no. 46.])
- 18054 47. Virginia. June 1966. [2]+651-663 p. 4° ([Publication 1252, v. 2, no. 47.])
- 18055 48. Washington. June 1966. [2]+667-675 p. 4° ([Publication 1252, v. 2, no. 48.])
- 18056 49. West Virginia. June 1966. [2]+679-687 p. 4° ([Publication 1252, v. 2, no. 49.])
- 18057 50. Wisconsin. June 1966. [2]+691-699 p. 4° ([Publication 1252, v. 2, no. 50.])
- 18058 51. Wyoming. June 1966. [2]+703-711 p. 4° ([Publication 1252, v. 2, no. 51.])
- 18059 List of project grants awarded for improvement in nurse training under Nurse training act of 1964, June 1965-July 1966. [Aug. 1966.] [2]+34 p. ([Supplement to publication 1154-2; Division of Nursing.]) 10
● Item 485 FS 2.2: N 93/54/supp. 1
- 18060 Medical internships in U.S. Public Service hospitals. [Revised Aug. 1966.] [1966.] cover title, 12 p. il. narrow 8° ([Publication 1376.])
● Item 496-B FS 2.89: 960

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

- 18061 Medical rehabilitation, report of National Advisory Community Health Committee to Surgeon General [with bibliography]. [Sept. 1966.] [2]+19 p. ([Division of Chronic Diseases.]) † ● Item 485
L.C. card 66-65718 FS 2.2: R 26/5
- 18062 Neonatal respiratory adaptation, proceedings of Interdisciplinary Conference on Neonatal Respiratory Adaptation, Dec. 6-9, 1963, Princeton, N.J. [with lists of references]; scientific editor, Thomas K. Oliver, jr., technical editor, Wanda M. Burnett. [1966.] xvii+251 p. il. ([Publication 1432]; National Institutes of Health, National Institute of Child Health and Human Development.) * Paper, \$1.25. ● Item 507
L.C. card 66-62916 FS 2.22: R 31/13
- 18063 NINDB neurological information network: Parkinson's disease, present status and research trends [with bibliography]; prepared by staff of Parkinson's Disease Information Center, College of Physicians and Surgeons, Columbia University. 1966. ix+41 p. 4° (Publication 1491; National Institutes of Health, National Institute of Neurological Diseases and Blindness.) * Paper, 35c. ● Item 507
L.C. card 66-65741 FS 2.22: P 22
- 18064 Nursing student loan program, information for students. [Revised Oct. 1966.] [1966.] [6] p. 4° (Publication 1348.) † ● Item 485
FS 2.2: St 9/3/966
- 18065 Oral cancer control. [Aug. 1966.] 10+[2] p. il. narrow 8° ([Publication 1524; Division of Chronic Diseases, Cancer Control Branch.]) * Paper, 10c. ● Item 485
FS 2.2: C 16/12
- 18066 Pakistan, nutrition survey of East Pakistan, Mar. 1962-Jan. 1964, report by Ministry of Health, Government of Pakistan, in collaboration with University of Dacca, and Nutrition Section, Office of International Research, National Institutes of Health [with lists of references]. May 1966. cover title, ix+426 p. il. 4° † ● Item 507-A-16
FS 2.22/57: P 17
- 18067 Population exposure to X-rays U.S. 1964, report on Public Health Service, X-ray exposure study [with bibliography]; by Joseph N. Gitlin and Philip S. Lawrence. [1966.] x+218 p. il. ([Publication 1519.]) * Paper, \$1.50. ● Item 485
L.C. card 66-65732 FS 2.2: X 7/2
- 18068 Project grants in community health, out-of-hospital health services authorized under sec. 316 Public Health Service act. [Revised Aug. 1966.] [1966.] [2]+14 p. 4° ([Publication 1289]; Bureau of State Services (Community Health), [Office of Grants Management.]) † ● Item 485
FS 2.2: C 73/9/966
- Public health bibliography series. ● Item 481-A FS 2.21: (nos.)
- 18069 67. Psychopharmacology handbook: v. 4, 1962-63. Animal research in psychopharmacology [with bibliography]; compiled and edited by Leon S. Otis, Catharine A. Crismon, and Robert E. Edwards. [June 1966.] vii+407 p. 4° ([Publication 1497; National Clearinghouse for Mental Health Information], National Institutes of Health.) [Prepared under contract SA-43-ph-4394 between Psychopharmacology Service Center, Research Grants Branch, National Institute of Mental Health, National Institutes of Health, and Biobehavioral Sciences Department, Life Sciences Division, Stanford Research Institute, Menlo Park, Calif. Compilation from available world literature for 1962-63.] * Paper, \$2.00.
L.C. card 63-65391
- 18070 70. Selected references on rheumatic fever, glomerulonephritis and streptococcal infections, bibliography compiled from English language, 1964; [by Lucille T. Shoop]. [Sept. 1966.] v+35 p. 4° ([Publication 1060, supp. 3]; Division of Chronic Diseases, Heart Disease Control Program.) †
L.C. card 63-65488 rev.
- 18071 Recreation and mental retardation [with list of selected annotated references]; by E. M. Avedon. [June 1966.] v+17 p. ([Publication 1512]; Division of Chronic Diseases, Mental Retardation Branch.) * Paper, 15c. ● Item 485
L.C. card 66-65749 FS 2.2: R 24/2

GOVERNMENT PUBLICATIONS

Research profiles. ● Item 507-A-6

FS 2.22/43: (nos.)

- 18072 1. Summary of progress at National Institute of Neurological Diseases and Blindness; [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health]. 1966. v.+21 p. il. ([Publication 1109 (revised 1966).]) [Prepared as background information submitted at congressional hearings on appropriations. Text on p. 3-4 of cover.] * Paper, 15c.
L.C. card 66-62914
- 18073 2. Summary of progress in cerebrovascular disorders (strokes); [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health]. [Revised 1966.] 1966. vi+14 p. il. ([Publication 1110.]) [Included in annual statement to Congress of United States by Director of National Institute of Neurological Diseases and Blindness.] * Paper, 15c.
L.C. card 66-62914
- 18074 8. Summary of progress in Parkinson's disease; [prepared by Information Office, National Institute of Neurological Diseases and Blindness, National Institutes of Health]. 1966. v+9 p. il. ([Publication 1160 (revised 1966).]) [Included in annual statement to Congress by Director of National Institute of Neurological Diseases and Blindness. Text on p. 3-4 of cover.] * Paper, 15c.
L.C. card 66-62914
- 18075 Restore man, national health goal; [by Wilfred D. David]. [Sept. 1966.] [2]+14 p. narrow 8° ([Publication 1507.]) † Information Office, Division of Chronic Diseases, Public Health Service, Washington, D.C. 20201 ● Item 485
FS 2.2: M 31/4
- 18076 Rheumatic fever and rheumatic heart disease, review of research grants supported by National Heart Institute, 1949 [with list of references]; by May Sherman. 1966. viii+200 p. 4° ([Publication 1516]; National Institutes of Health, National Heart Institute, Extramural Programs.) [Subject index by Ellen M. Barnes, bibliography by Judith L. Ellin.] † ● Item 507
L.C. card 66-65731
FS 2.22: R 34/2
- 18077 Short-term training courses under professional nurse traineeship program of Public Health Service. Revised Aug. 1966. [1966.] [2]+14 p. ([Division of Nursing.]) [Supplement B to Public Health Service publication no. 1154-1.] † ● Item 485
FS 2.2: N 93/38/supp. 966-2
- 18078 State definitions of live births, fetal deaths, and gestation periods at which fetal deaths are registered. May 1966 revision. [1966.] xii+59 p. 4° ([Publication 1520]; National Center for Health Statistics, Division of Vital Statistics.) * Paper, 45c. ● Item 508
L.C. card 66-65742
FS 2.102: B 53/5/966
- Vital and health statistics: Series 4, Documents and committee reports. (National Center for Health Statistics.) ● Item 500-E
- 18079 6. Report of United States delegation to International Conference for Eighth Revision of International Classification of Diseases, Geneva, Switzerland, July 6-12, 1965. Sept. 1966. [6]+74 p. 4° ([Publication 1000, series 4, no. 6.]) * Paper, 50c.
L.C. card 66-61306
FS 2.85/2: 4/no. 6
- Series 11, Data from National Health Survey. (National Center for Health Statistics.) ● Item 500-E
- 18080 19. Age at menopause, United States 1960-62 [with list of references; by Brian MacMahon and Jane Worcester]. iv+[2]+20 p. il. 4° ([Publication 1000, series 11, no. 19; Division of Health Examination Statistics.]) * Paper, 25c.
L.C. card 66-61307
FS 2.85/2: 11/no. 19
- Series 13, Data from hospital discharge survey. (National Center for Health Statistics.) ● Item 500-E
- 18081 1. Patients discharged from short-stay hospitals, United States, Oct.-Dec. 1964; [by Michael J. Witkin]. Oct. 1966. [5]+19 p. il. 4° ([Publication 1000, series 13, no. 1; Division of Health Records Statistics.]) * Paper, 25c.
L.C. card 66-62202
FS 2.85/2: 13/no. 1
- Series 20, Data from National Vital Statistics System. (National Center for Health Statistics.) ● Item 500-E
- 18082 3. Infant, fetal, and maternal mortality, United States, 1963 [with list of references; by Mary A. McCarthy]. Sept. 1966. [6]+64 p. il. 4° ([Publication 1000, series 20, no. 3; Division of Vital Statistics.]) * Paper, 45c.
L.C. card 66-61305
FS 2.85/2: 20/no. 3

*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

DECEMBER 1966

—Series 22, Data from National Vital Statistics System. (National Center for Health Statistics.) ● Item 500-E

- 18083 3. Methods and response characteristics, national natality survey, United States, 1963 [with list of references; by Gooloo S. Wunderlich]. Sept. 1966. [4] +36 p. il. 4° ([Publication 1000-series 22, no. 3; Division of Health Records Statistics.]) * Paper, 30c. L.C. card 66-61820 FS 2.85/2: 22/no. 3
- 18084 Working with silver solder. [Oct. 1966.] [6] p. il. narrow 8° ([Publication 1518; Division of Occupational Health.]) * Paper, \$2.50 per 100; single copy, 5c. ● Item 485 FS 2.2: So 4

PUBLIC ROADS BUREAU, Commerce Dept. Washington, D.C. 20235

- 18085 Strength and serviceability criteria, reinforced concrete bridge members, ultimate design [with list of references], by Bridge Division, Office of Engineering and Operations; reported by E. L. Erickson and E. G. Paulet. Aug. 1966. [1]+81 p. il. * Paper, 35c. ● Item 265-A C 37.6/2: B 76/2

RECLAMATION BUREAU, Interior Dept. Washington, D.C. 20240

- 18086 Concrete manual, for control of concrete construction [with list of selected references pertaining to concrete; prepared by engineers in Concrete and Structural Branch of Division of Research]. 7th edition, revised reprint. 1966. xxxv+642 p. il. 12° ([Water resources technical publication.]) * Fabrikoid, \$3.25. ● Item 660-B I 27.19/2: C 74/966
L.C. card 38-26771
- 18087 Federal reclamation projects, 1965 crop report and related data. [1966.] cover title, [4]+43 p. il. map, 4° (Division of Irrigation and Land Use.) † ● Item 663-A I 27.55: 965
L.C. card 53-63671

Research report. (Water resources technical publication.)

- 18088 4. Hydraulic downpull forces on large gates; by R. I. Murray and W. P. Simmons, jr. [1st printing.] [1966.] v+41 p. il. 4° (Hydraulics Branch, Division of Research, Office of Chief Engineer.) * Paper, 35c. ● Item 664-B I 27.54: 4

RENEGOTIATION BOARD Washington, D.C. 20446

- 18089 Renegotiation act of 1951 as amended through June 30, 1966; compiled by Renegotiation Board. 1966. ii+30 p. * Paper, 15c. ● Item 308 RnB 1.5: R 29/966
L.C. card 56-62153

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

- 18090 Regulation S-X under Securities act of 1933, Securities exchange act of 1934, Public utility holding company act of 1935 and investment company act of 1940, form and content of financial statements as in effect Aug. 1, 1966. [1966.] viii+80 p. 4° (Title 17, Code of Federal regulations, pt. 210.) * Paper, 50c. ● Item 907 SE 1.6: F 49/966
L.C. card 54-61697

SHIP STRUCTURE COMMITTEE Washington, D.C. 20226

SSC (series).

- 18091 174. Investigation of residual stresses in steel weldments [with list of references]; by Kolchi Masubuchi and D. C. Martin, Battelle Memorial Institute, Columbus, Ohio. Sept. 1966. [4]+103+[2] p. il. 4° (National Academy of Sciences, National Research Council.) [Final report on project SR-167 under Department of Navy Bureau of Ships contract NObs 92521. Text on p. 2 of cover.] † (Price upon application). Y 3.Sh 6: SSC-174

‡For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 69

GOVERNMENT PUBLICATIONS

SMALL BUSINESS ADMINISTRATION Washington, D.C. 20416

- Small business bibliographies. † ● Item 901-K SBA 1.3:(nos.)
- 18092 18. Basic library reference sources for business use; by Elizabeth G. Janezeck.
Sept. 1966. 8 p. 4°
L.C. card 66-65739
- 18093 29. National mailing-list houses [with sources of lists]; by Richard D. Millican.
May 1966 revision. [1966.] 8 p. 4°
L.C. card 66-62867
- 18094 Waging war on poverty through economic opportunity, loans for small
business, small business development centers. [May 1966.] [6] p. il.
narrow 8° ([OPI-22; Office of Public Information.]) † ● Item 901-B
SBA 1.2: P 86/966

SMITHSONIAN INSTITUTION Washington, D.C. 20560

- Smithsonian miscellaneous collections. SI 1.7:(nos.)
- 18095 v. 149, no. 11. Additional data on host relations of parasitic cowbirds [with list
of literature cited]; by Herbert Friedmann. Aug. 16, 1966
[Port City Press, Inc., Baltimore, Md.]. [2]+12 p. ([Publi-
cation 4678.]) † (Price upon application).
L.C. card 66-62454
- 18096 v. 151, no. 7. Birds of Socotra and Abd-el-Kuri [with list of literature cited];
by S. Dillon Ripley and Gorman M. Bond. Aug. 16, 1966 [Port
City Press, Inc., Baltimore, Md.]. [2]+37 p. 8 p. of pl. ([Publi-
cation 4681.]) † (Price upon application)
L.C. card 66-62453
- 18097 v. 151, no. 9. Four new eocene echinoids from Barbados [with list of literature
cited]; by Porter M. Kler. Aug. 30, 1966. [Port City Press,
Inc., Baltimore, Md.]. [2]+28 p. il. 1 pl. ([Publication 4673;
Charles D. and Mary Vaux Walcott Research Fund.]) † (Price
upon application.)
L.C. card 66-62949

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- Actuarial note. †
- 18098 30. Mortality study of charter beneficiaries; by Robert J. Myers. July 1966. 6
p. 4° FS 3.19/2:30
- 18099 America's centenarians, reports of interviews with social security bene-
ficiaries who reached 100 from Jan.-Dec. 1965; v. 6, 2d annual supple-
ment to 4 volumes published Dec. 1963. May 1966. [350] p. il. 4° †
● Item 516
L.C. card HEW 64-59 FS 3.2: C 33/v. 6
- OASI (series). ● Item 518-A
- 18100 33d. Farmers are asking about farm rental income, does it count for social
security payments? [Sept. 1966.] 9+[1] p. il. narrow 12° ([Treasury
Department, Internal Revenue Service, IRS publication 363.]) †
L.C. card HEW 62-26 FS 3.35: 33d/4
- Research and statistics note, 1966 (series).
- 18101 11. Experience under sick-pay plans in Great Britain; [prepared by Saul Wald-
man]. Sept. 28, 1966. 6 p. 4° (Office of Research and Statistics.)
FS 3.28/2: 966/1
- 18102 Social security programs in United States. Jan. 1966. v+120 p. il. * Pa-
per, 45c. ● Item 516
L.C. card HEW 66-151 FS 3.2: So 13/21/96

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, D.C. 20250

- 18103 1966 fall water supply summary [western United States]; by Water Supply
Forecasting Branch, Portland, Oreg. [1966.] [4] p. il. 4° †
A 57.46/8: 96

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Soil survey investigations report. ● Item 121-A

- 18104 5. Soil survey laboratory data and descriptions for some soils of Nebraska. Aug. 1966. [4]+233 p. 4° [Prepared in cooperation with Conservation and Survey Division, University of Nebraska.] †
L.C. card Agr 66-338 A 57.52:5

Soil survey series 1961. ● Item 102 (Rev. 1957)

- 18105 40. Fountain County, Ind. [with list of literature cited; by Ralph H. Sturm]. May 27, 1966. cover title, i+122 p. il. 78 p. of pl. and maps, 4° [Prepared in cooperation with Purdue University Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$4.00.
L.C. card Agr 66-346 A 57.38:961/40

STATE DEPARTMENT
Washington, D.C. 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.])
[Issued with perforations.] ● Item 862-B

- 18106 Afghanistan [with bibliography]. [Revised Sept. 1966.] [1966.] 7 p. il. 4°
([Publication 7795.]) * Paper, 5c. S 1.123: Af 3/966
L.C. card 66-61561
- 18107 Canada [with bibliography]. [Revised Aug. 1966.] [1966.] 10+[2] p. il. 4°
([Publication 7769.]) * Paper, 10c. S 1.123: C 16/966
L.C. card 66-61561
- 18108 Communist China [with bibliography]. [Revised Aug. 1966.] [1966.] 8 p.
il. 4° ([Publication 7751.]) * Paper, 5c. S 1.123: C 44/966
L.C. card 66-61561
- 18109 Ivory Coast [with bibliography]. [Revised Aug. 1966.] [1966.] 8 p. il. 4°
([Publication 8119.]) * Paper, 5c. S 1.123: Iv 7
L.C. card 66-61561
- 18110 Kenya [with bibliography]. [June 1966.] 4 p. il. 4° ([Publication 8024.])
* Paper, 5c. S 1.123: K 42
L.C. card 65-60213
- 18111 Lebanon [with bibliography]. [Revised Aug. 1966.] [1966.] 3 p. il. 4°
([Publication 7816.]) * Paper, 5c. S 1.123: L 49/966
L.C. card 66-61561
- 18112 Morocco [with bibliography]. [Revised July 1966.] [1966.] 8 p. il. 4° ([Pub-
lication 7954.]) * Paper, 5c. S 1.123: M 82/966
L.C. card 66-61561
- 18113 Philippines [with bibliography]. [Revised Sept. 1966.] [1966.] 8 p. il. 4°
([Publication 7750.]) * Paper, 5c. S 1.123: P 53/966
L.C. card 66-61561

Center for International Systems Research: Occasional papers. ● Item 862-E

- 18114 1. Computer and foreign affairs, some first thoughts [with bibliographies; by]
Fisher Howe. [Nov. 1966.] viii+88 p. il. ([Publication 8156.]) [Text
on p. 2 and 3 of cover.] * Paper, 35c. S 1.124:1
L.C. card 66-65746

Commercial policy series. ● Item 862

- 18115 202. East-West trade relations act of 1966. [Aug. 1966.] [2]+9 p. 4° ([Pub-
lication 8116; Office of Media Services, Bureau of Public Affairs.]) [Re-
printed from Department of State bulletins, May 30 and July 25, 1966.
Publication no. incorrectly given as 8112 and corrected by errata sheet,
1 p. oblong 24°.] * Paper, 15c. S 1.37:202
L.C. card 66-62948

- 18116 Department of State. 1966. [4] p. il. 4°, folded into narrow 8° size †
● Item 876 S 1.2: St 2/17/966

Far Eastern series. ● Item 870 S 1.38:(nos.)

- 18117 149. Mainland China, geographic strengths and weaknesses; [by G. Etzel Pearcy].
[Sept. 1966.] 10+[1] p. il. 4° ([Publication 8135; Office of Media
Services, Bureau of Public Affairs.]) [Reprinted from Department of
State bulletin Aug. 29, 1966.] * Paper, 15c. S 1.38:149
L.C. card 66-62917
- 18118 150. Initiative for peace; [by Arthur J. Goldberg]. [Oct. 1966.] [1]+8+[1]
p. 4° ([Publication 8147; Office of Media Services, Bureau of Public Af-
fairs.]) [Statement made in plenary session of U.N. General Assembly,
Sept. 22, 1966. Reprinted from Department of State bulletin, Oct. 10,
1966.] * Paper, 15c. S 1.38:150
L.C. card 66-65747

International information and cultural series. ● Item 878

- 18119 90. Cultural presentations, USA, 1964-65, report to Congress and public by Ad-
visory Committee on the Arts. [June 1966.] cover title, vi+54 p.
([Publication 8038.]) * Paper, 25c. S 1.67:90
L.C. card 66-62691

☛For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

International organization and conference series. ● Item 882-B

- 18120 55. UN, action agency for peace and progress. [Revised Aug. 1966.] [1966.] [12] p. il. narrow 8° ([Publication 7733; Office of Media Services, Bureau of Public Affairs.]) * Paper, 10c. S 1.70 : 55/3
- 18121 Some multilateral and regional organizations engaged in international educational and cultural activities. May 1965. [4]+79 p. 4° (Bureau of Educational and Cultural Affairs; [Policy Review and Coordination Staff].) †
L.C. card 66-62999 S 1.2 : Ed 83/11
- 18122 Swahili, active introduction : General conversation ; organized and edited by Earl W. Stevick, Marianne Lehr, and Paul G. Imhoff. 1966. xiii+150 p. il. 4° ([Basic course series] ; Foreign Service Institute.) [Compiled and published with assistance of Peace Corps.] * Paper, 75c. ● Item 872-A
L.C. card 66-62368 S 1.114/2 : Sw 1/2
- 18123 — Geography ; organized and edited by Earl W. Stevick, Marianne Lehr, and Paul G. Imhoff. 1966. viii+130 p. il. 4° ([Basic course series] ; Foreign Service Institute.) [Compiled and published with assistance of Peace Corps.] * Paper, 65c. ● Item 872-A
L.C. card 66-62276 S 1.114/2 : Sw 1/3
- Treaties and other international acts series. * Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing ; single copies vary in price. ● Item 899 S 9.10 : (nos.)
- 18124 6065. General agreement on tariffs and trade, protocol for accession Switzerland to agreement of Oct. 30, 1947, done at Geneva Apr. 1, 1966 ; [entered into force with respect to United States and Switzerland Aug. 1, 1966]. [1966.] [2]+20 p. [English and French.] * Paper, 15c.
L.C. card 66-65743
- 18125 6068. Alien amateur radio operators, arrangement between United States and Federal Republic of Germany, effected by exchange of notes signed Bonn June 23 and 30, 1966 ; [entered into force June 30, 1966]. [1966.] [2]+3 p. [German and English.] * Paper, 5c.
L.C. card 66-65744
- 18126 6071. Television system in Saudi Arabia, agreement between United States and Saudi Arabia, extending agreement of Dec. 9, 1963 and Jan. 6, 1964 effected by exchange of notes signed Jidda June 27 and July 30, 1966 ; [entered into force July 30, 1966. [1966.] [2]+3 p. [Arabic and English.] * Paper, 5c.
L.C. card 66-65748

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 18127 Capacity of refrigerated warehouses in United States, Oct. 1, 1965 ; [prepared by Arlan R. Feistner, M. R. Banks, and W. D. Bormuth]. Oct. 1966. [2]+19 p. il. 4° (Co St 2(66) ; Crop Reporting Board.) †
● Item 24-G A 92.21/3 : 965
- SRS (series).
- 18128 10. Collection of agricultural statistics in Japan [with list of literature cited ; by B. R. Stauber]. [Sept. 1966.] [1]+iv+50 p. 4° †
L.C. card Agr 66-315 A 92.34 : 10

TARIFF COMMISSION Washington, D.C. 20436

- 18129 Products subject to duty on American selling price basis of valuation ; conversion of rates of duty on such products to rates based on values determined by conventional valuation methods, report to Special Representative for Trade Negotiations on investigation 332-47 under sec. 332 of Tariff act of 1930 (including corrections to Aug. 15, 1966). July 1966. cover title, [1]+56 leaves, il. 4° (TC publication 181 : [TC24551].) †
L.C. card 66-62216 TC 1.2 : P 94/2/corr.
- 18130 Supplement 5 to Tariff schedules of United States annotated (1965) ; [Oct. 1, 1966]. 1966. [115] p. 4° (TC publication 163.) [Issued in looseleaf form.] * Paper, \$6.00 (including supplementary service for indefinite period) ; \$1.50 additional for foreign mailing. ● Item 982-B
L.C. card 65-65804 TC 1.35/2 : 965/supp. 5

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

TREASURY DEPARTMENT
Washington, D.C. 20220

Department circular. ● Item 924

- 18131 530. 9th rev. Regulations governing United States savings bonds, Dec. 23, 1964, 1st amdt.; May 24, 1966. [1966.] 7 p. 4° (Fiscal Service, Bureau of Public Debt.) † T 1.4/2: 530/10/amdt. 1

VETERANS ADMINISTRATION
Washington, D.C. 20420

- 18132 Bulletin of prosthetics research, BPR 10-5, spring 1966 [with lists of references, editor, William M. Bernstock]. [1966.] iv+193 p. il. (Prosthetic and Sensory Aids Service, Department of Medicine and Surgery.) * Paper, 65c. ● Item 983-B
L.C. card 66-60273 VA 1.23/3: 10-5

[Information bulletin] IB (series). ● Item 986-A

- 18133 08F-34. Safety and fire protection bulletin, Sept. 1966, v. 9, issue 3: U S Mission Safety 70, poor housekeeping breeds fires. [1966.] ii+6 p. il. 4° (Safety and Fire Protection Division, Office of Assistant Administrator for Construction.) † VA 1.22: 08F-34

- 18134 Report of Multi-disciplinary Conference on Domiciliary Care, VA Center, Dayton, Ohio, Nov. 30-Dec. 2, 1965. [1966.] cover title, ii+61+A-12 p. il. 4° † ● Item 985
L.C. card 66-62923 VA 1.2: D 71

VA pamphlets. † ● Item 988

VA 1.19: (nos.)

- 18135 05-41. Common sense about supervising young workers, pointers on getting them off to a good start. June 1966. [4]+12+[1] p. il, oblong 24° (Office of Assistant Administrator for Personnel.) [Adapted from Labor Department bulletin 174, Youth you supervise.]

- 18136 10-54. Rewarding career for you as Veterans Administration nurse. Revised Aug. 1966. [1966.] [4] p. il. 4° (Career occupational series; Department of Medicine and Surgery.)

- 18137 26-4. Questions & answers on guaranteed and direct loans for veterans. Revised [edition]. June 1966. 29 p. il. [Rescission of VA pamphlet 26-4, revised July 1965.]

- 18138 29-23. National service life insurance total disability income provision premium rates on NSLI (V), (RS) & (W) policies for TDIP 60 and TDIP 65. Aug. 1966. [1]+i+41 p. [Rescinds VA pamphlets 29-13 and 90-5A revised.]

- 18139 30-1. Careers in automatic data processing in Veterans Administration. Aug. 1966. cover title, 12 p. il. 4° (Department of Data Management.)

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS,
Labor Dept., Washington, D.C. 20210

- 18140 Handy reference guide to Fair labor standards act, as amended 1966. Oct. 1966. cover title, [1]+14 p. (WHPC publication 1159.) [Text on p. 2 and 3 of cover.] * Paper, 15c. ● Item 778-B
L.C. card L 61-67 L 22.5: F 15/3/966-2

- 18141 Hired farm workers under Fair labor standards act as amended in 1966. Oct. 1966. [2] leaves+7 p. narrow 8° (WHPC publication 1161.) † ● Item 777 L 22.2: F 22/2

Interpretative bulletin, title 29 of Code Federal regulations. ● Item 778

- 18142 pt. 800. Equal pay for equal work under Fair labor standards act. [1966.] iv+24 p. 4° (WHPC publication 1157.) [Conforms to Code as of Sept. 15, 1966.] * Paper, 20c. L 22.10: 800/3

WELFARE ADMINISTRATION, Health, Education, and Welfare Dept.
Washington, D.C. 20201

- 18143 Advisory Council on Public Welfare, having the power, we have the duty, report to Secretary of Health, Education, and Welfare; summary of recommendations. June 29, 1966. [15] p. 4° * Paper, 15c. FS 14.2: Ad 9/sum.

♠For Sale by Clearinghouse, U.S. Department of
Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

Page 73

GOVERNMENT PUBLICATIONS

- 18144 Restructuring public welfare administration to meet needs of people in urban society, report of Conference on Urban Public Welfare Administration, July 13-14, 1966. [1966.] iii+16 p. 4° [Title on cover is: Conference on Urban Public Welfare Administration, July 13-14, 1966. †
 ● Item 532-A-1
 L.C. card HEW 66-170 FS 14.2: Ur 1/2

WOMEN'S BUREAU, Labor Dept. Washington, D.C. 20210

Bulletin. ● Item 781.

- 18145 157-20 (rev.). Legal status of women in United States: Report for Massachusetts as of Apr. 1, 1966; [prepared by Kermit E. Wheeler]. [1966.] iii+24 p. * Paper, 15c.
 L.C. card L 58-27 rev. L 13.3: 157-20/5
- 18146 Women workers in Puerto Rico, 1960. [Reissued Aug. 1966.] [1966.] 13 p. 4° ([WB 67-22.]) †
 L.C. card L 64-17 L 13.22: P 96r/960-2

Index

MONTHLY CATALOG, JANUARY-DECEMBER 1966

NOTE.—*Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.*

A

A.E.C., *see* Atomic Energy Commission
 A.F.O.S.R., *see* Air Force Office of Scientific Research.
 A.G.O., *see* Adjutant General's Office.
 A.I.D., *see* International Development Agency.
 A.M.C., *see* Army Materiel Command.
 A.P.R.O., *see* Army Personnel Research Office.
 A.P.T., *see* Automatic picture transmission.
 A.R.S., *see* Agricultural Research Service.
 A.R.S. series, 8-12, 1574-75, 3726-35, 5264-71, 6709-14, 8124-32, 9772-90, 11337-338, 12579-585, 14100-113, 15434
 A.S.C.S., *see* Agricultural Stabilization and Conservation Service.
 AAL, *see* Arctic Aeromedical Laboratory.
 Aase, James H., mineral industry of Iowa, 1126
 AAU, *see* Amateur Athletic Union.
 Abaca, disposal from national stockpile, hearing, 570
 Abadi, Victor, relief, 8695
 Abbot, C. G.:
 account of Astrophysical Observatory of Smithsonian Institution, 9647
 forecasting from harmonic periods in precipitation, 9648
 Abbott, Donald I., relief, 5722, 15691, 15811
 Abbott, E. V., strains of sugarcane mosaic virus, 8170
 Abbreviations:
 aircrew stations, military standard, 8814
 contractions used by FAA, air traffic control, etc., handbook, 9878
 Federal aviation regulations, 5916, 8875-76
 Federal item identification guides for supply cataloging, 4253
 power and rate terms, glossary, 4382
 used in Latin American press, 10750
 Abd-el-Kuri Island, birds, 18096
 Abele, Gunars:
 performance testing of air cushion vehicle on Greenland ice cap, 9890
 subsurface transportation methods in deep snow, 8246
 Abernethy, Roy F., direct determination of oxygen in coal, 9375
 Ability:
 grand strategy of human resources, 4328
 human resources of Latin America, survey of efforts for developing, 5155
 1967 national ability counts contest for 11th and 12th grade students, announcement, 7650
 perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts, 14184
 tests for measurement of primary perceptual-motor performance, development, 4805
 see also Self-organizing systems.
 Ablating materials:
 charring ablation thermal protection system, analysis, 2432

Ablating materials—Continued
 computer simulation program, adaptable to industrial processes, 16641
 evaluation as nozzle sections of storable-propellant rocket engine, 9500
 heat-shield, high-velocity impact craters in, determination of temperature and material effects, 16689
 nonmetallic, evaluation as nozzle sections of hydrogen-oxygen rocket engine, 9510
 outgassed boron nitride and boron nitride composite, ablative and insulative properties, 17922
 standard evaluation procedures, 6331
 Ablation:
 heat shield, measurements using radioisotope techniques, 7852
 materials, coatings for structures in region of separated flow, performance, 1261
 meteors entering earth's atmosphere, boundary shock wave occurrence, 4941
 nylon grain size effect on phenolic nylon, 13810
 steady-state, of plastic materials, effect of diffusion-controlled char oxidation, analysis, 13847
 Ablators:
 effect of thermal property variations on performance of charring ablator, 12359
 heat-shield materials, evaluation at various heat-transfer rates and dynamic pressures, 17914
 Ables, Jackson H., jr.:
 filling and emptying systems—
 Cannelton main lock, Ohio River, etc., 7336
 Millers Ferry and Jones Bluff Locks, Alabama River, Ala., 10444
 Abort:
 Apollo launch at high altitude, manually controlled, 11060
 lunar mission, from midcourse region, manual guidance, 11051
 safe, altitude and descent rate combinations during terminal phase of lunar landing, 13830
 Abrahams, John H., jr., preparation of soil samples, laboratory techniques, 15277
 Abrahamsen, Martin A.:
 agricultural cooperation, pioneer to modern, 14591
 merging cooperatives, 13304
 Abramson, H. Norman, nonlinear lateral sloshing in rigid containers, 4830
 Abrasion, surface, in ice crystals, application of thermal etching to study of, 1636
 Abrasives:
 census of manufactures, 1963, industry report, 5445
 Federal item identification guides for supply cataloging, supplements, 2938
 Absenteeism:
 absences of trainees enrolled in institutional programs, GAO report, 8993
 women, 1565

Absorbers, synchronous gyroscopic vibration, analytical research, 4806
 Absorption:
 energy, concepts of multiple-impact study, errata, 1179
 high frequency ultrasonic vibrations in binary alcohol-water mixtures, 13518
 use of silver oxide as regenerative carbon dioxide sorber, 19062
 zonal and discrete, in X-ray spectra of atoms in polar crystals, USSR study, 1050
 see also Atomic absorption.
 Absorption coefficients:
 optical, of fused silica in wavelength range 0.17 to 3.5 microns from room temperature to 980° C, 6440
 seismic waves, dependence on frequency, 16444
 wavelengths less than 3000 Å, 4826
 Abstracting, cooperation, etc., among information systems, literature review, 11091
 Abstracts, *see* names of departments, bureaus, etc., issuing abstracts—*also* subjects.
 Abstracts journal, cybernetics (USSR periodical):
 excerpts, translations, 10732
 Acacia Koa, *see* Koa.
 Academic awards, *see* Rewards (prizes, etc.).
 Academic degrees, *see* Degrees (colleges, universities, etc.).
 Academy of Agricultural Science, Bulgaria, decisions of general assembly, 17783
 Academy of Medical Sciences, USSR:
 elections, 6184
 Uzbek Institute of Regional Medicine, scientific session, 6156
 vestnik (periodicals), 3682
 Academy of Rumanian Socialist Republic, 1966 general meeting, 10780
 Academy of Sciences, Belorussian SSR:
 annual general meeting, 16419
 Biological Sciences Department, scientists, activities, 4617
 Academy of Sciences, Bulgaria:
 candidates for academicians and corresponding members, 12144
 proceedings, 16465
 Academy of Sciences, Hungary:
 academic awards and degrees, directive, 16481
 activities—
 corporate bodies, 14835
 corporate organs, 13576
 organizational changes, 2194
 organs and new Hungarian doctors and candidates of sciences, 9138
 awards, 6169
 corporate organs after 1965 general assembly, 6208
 Department of Technical Sciences, report, 10707
 International relations resolution, 13547
 Mathematics and Physics Department, report of departmental leadership, 9169
 recent activities, 14859
 reform of economic guidance system debates, 13577
 regulation of research sites receiving support, 4606
 Research Institute of Experimental Medicine, 10764
 Academy of Sciences, Kazakh SSR:
 Biological Sciences Department, scientific activity of institutions, 14923
 elects new vice-president, 7584
 Academy of Sciences, Rumania, achievements, 17786
 Academy of Sciences, Slovakia, membership of Slovak group in Czechoslovak Chemical Society, 2261
 Academy of Sciences, Turkmen SSR, annual meeting, 14894

Academy of Sciences, Ukrainian SSR:
 cybernetics, research, USSR, 7632
 Donetsk Botanical Garden, construction, 1046
 general meeting, 12166
 news, 994
 Academy of Sciences, USSR:
 Azerbaijdzhan scientists elected, 17795
 Department of Technical Sciences, technical cybernetics, news, 1035, 2221, 6213, 10811
 general meetings, 6236, 16447
 herald, articles, 2273, 9117
 news, 7549
 recent activities, 944
 recent developments, 6210
 seagoing research vessels, 6165
 vestnik, translations, 12173, 14792, 14935
 Acceleration:
 airplane, effects on sonic-boom ground pressure patterns, 15152
 angular, switching mechanism for sensing, 9470
 ascent and acceleration change in oxygen pressure in heart muscle, USSR study, 1027
 chronic, artificial alterations in weight, 9415
 compensated pressure transducer has fast response, 13788
 electrode phenomena in high energy density discharges as applied to plasma acceleration problems, 12266
 pulse, nitrous exchange in brain of rats during action of, USSR study, 16421
 sustained, human response, 10978
 Accelerators:
 coaxial Hall current, at moderate pressures, 16648
 electromagnetic, space propulsion, 7853
 electron, explosion and fire, Cambridge, Mass., July 5, 1965, investigation, report, 6865
 Emperor Tandem, dedication (remarks), 15541
 hypervelocity, dust particle injector provides high charge-to-mass ratio, 13782
 low density Hall current ion accelerator, 6435
 MHD, segmented electrode increases operating pressure, 1231
 particle, Rumanian inventions, 10805
 radiation dosimetry and experience, AEC symposium, proceedings, 12674
 see also Cyclotrons.
 Accelerometers:
 and cable connectors, tool enables proper mating, 9498
 damping technique gives flat frequency response, 13732
 earth's field static calibrator, 5011
 miniature servo, force-balanced, 1216
 to measure deflection in sensing rings, 9456
 Access to airports, selected references, 17645
 Accessories (dress), *see* Clothing.
 Accident insurance:
 credit, for student loans, increase maximum amount allowable in D.C.—
 law, 17108
 report, 15852
 Accident Investigation Office, establish, reports, 11634, 12973
 Accidents:
 construction fatalities for analysis, 10850
 incidents involving AEC shipments of radioactive material, 1963-64 summary, 9927
 Industrial—
 accidents in USAEC facilities, 1963-64 summary, 5406
 hazards, publications, price list, 7986
 injury control programs in local health department, guide to development, 1411
 longshoring, 1964-65, analysis of injuries, 17806

- Accidents—Continued
prevention, PACAF basic bibliographies, 11377
shipyard, analysis of injuries, 13590
see also Aircraft accidents—Injuries—
Mine accidents—Motor vehicle accidents—Railroad accidents.
- Acclimatization:
fish and food organisms in seas of USSR, 2223
human, USSR studies, 12151
physiological principles of conditioning of human organism, USSR study, 10810
- Accountants:
certified public, regulation in D.C., hearing, 5687
CPA laws and regulations, provisions, 6843
District of Columbia certified public accountancy act of 1966—
law, 15751
reports, 8641, 17485
employment outlook, 10859
enrollment requirements before IRS, eliminate—
law, 433
report, 11763
examination announcement, 17036
amendments, 3967, 8388
pay, survey, 2303
public, audit of banks, analysis, 10233
- Accounting, *see* Accounts and accounting.
- Accounting machines:
census of manufactures, 1963, industry report, 5450
current industrial reports, 5483
- Accounts and accounting:
accounting—
and finance manuals, DSA, 4249, 7260, 13250-251, 17608
concepts and Federal tax system (remarks), 16876
series releases, SEC, 2637
acquired properties, manual, 4370
air carriers, certificated, uniform system, 3637
banks, prohibiting from performing professional accounting services, hearings, 17369
career opportunities, IRS, revenue agent, professional accounting, 4568
certificated air carriers, uniform system, 6948
code of Federal regulations, 5942
cooperative housing projects, uniform system of accounts, 2019
CPA laws and regulations, provisions, 6843
Federal agencies—
accounting, GAO guidance manuals, 803-804
adjustments between appropriations, authorize—
law, 15698
report, 11778
policy and procedures, GAO guidance manual, 3016
transportation, GAO guidance manual, 3015
financial administration, accounting and control of funds, NGB pamphlet, 12390
GAO review (periodical), 17705
internal cost accounting of industrial enterprise, Bulgarian study, 13582
joint financial management improvement program, annual report, 8981
nonappropriated funds, welfare fund, Air Force manual, 9856
personnel accounting, Army National Guard, change, 2456
professional careers, General Accounting Office, 17715
Public Roads Bureau, need for improvement in system, GAO report, 12000
- Accounts and accounting—Continued
public schools, property accounting guide, implementing, 8842
publications, price list, 17993
small sawmills, cost-accounting system, 11991
systems, pipe line companies, 9060
telephone companies, uniform system of accounts, FCC rules and regulations, 2012, 2926
see also Auditing.
Accumulators, signal, USSR study, 16501
Acetic acid, determination of copper with disodium ethylenedinitrilo tetraacetate (EDTA), 17861
Acetylcholine:
esterase, from erythrocytes of cattle, isolation, purification, etc., USSR study, 2241
synthesis, pharmacological characteristics of hemicholinium as inhibitor, USSR study, 956
Acherman, Walter L., corrosion properties of molybdenum, tungsten, vanadium, and some vanadium alloys, 4796
Achievement, low achiever in mathematics, 648
Achievements of Rumanian Academy of Sciences, 17786
Achter, M. R., flexural fatigue machine for high-temperature operation at resonance in vacuum, 1368
Achtheres, *see* Copepods.
Acidophilous milk used in treatment of dysentery, USSR, 17751
Acids:
electrochemical analysis by emf, conductance, optical, and kinetic methods, 16717
mine water, application of saline water conversion processes, 16374
nonhazardous acid etches weld samples, 15108
vapors, determination in PPM range, 6546
Ackerberg, Robert C., interaction of 2-dimensional jet with parallel flow, 15522
Ackroyd, Margaret F., remarks, June 29, 1966, 17990
Acoma Pueblo:
land to be given in trust—
law, 5588
report, 4115
Acosta-Martinez, Virgilio, relief, 1908, 8541, 11536
Acoustics, *see* Noise—Noise suppressors—Sound.
ACR series, 16753
Acreage marketing guides, 589, 1952, 5827-29, 7969
Acrylonitrile, plastic drain, waste, and vent pipe and fittings, standard of trade, 1290
Acta geographica Sinica (Chinese periodical):
translations, 10830
Actinides, electrodeposition, 5394
L'action sociale dans un monde en pleine evolution, la place des affaires sociales dans le processus de developpement, 15426
Actions at law:
bonds or notes by local urban renewal or public housing agencies are incontestable in hands of bearer, opinion of Attorney General, 6248
criminal cases, contempt to publish information not properly admitted, hearings, 4225
establish statute of limitations for certain actions brought by Government—
hearing, 11670
law, 12830
reports, 10157, 16087
judgments for costs against U.S.—
hearing, 11670
law, 12832
reports, 10158, 13127

INDEX 1966

Actions at law—Continued
 litigation releases, Securities and Exchange Commission, 3157
see also Appeals—Civil procedure—Habeas corpus.

Activated charcoal, *see* Charcoal.

Activation, *see* Heat of activation.

Activation analysis, *see* Radioactivation analysis.

Activities in science related to space, 15036

Activity programs, work and play, for head start child development centers, 4273

Actors, employment outlook, 9257

Acts of Congress, *see* Law.

Actuarial notes, 1462, 5140-41, 6603, 8022, 11226, 16829, 18098

Actuaries, employment outlook, 9251

Actuaries, American Academy of, *see* American Academy of Actuaries.

Actuaries Board, retirement and disability fund, 1964, report, 8504

Actuators:
 compact, converts rotary to linear motion, 12307
 three-position rocker switch, has positive centering, 2395

Acuity:
 foveal, recovery following exposure to various intensities and durations of light, 13665
 pure-tone, and intelligibility of everyday speech, 13667
 visual, and control aspects of saccadic eye movements, 16594

Acute conditions, incidence and associated disability, United States, July 1964-June 1965, 6587

Adames, Juan I. T., testimony, hearings, 587, 8784

Adami, Lanford H., heats and free energies of formation of anhydrous carbonates of barium, strontium, and lead, 13698

Adams, A. N., observations made with 6-inch transit circle, 1949-56, of sun, etc., 6518

Adams, Don, higher educational reforms in Republic of Korea, 4306

Adams, Herman, relief, 17177

Adams, James J.:
 critical tracking tasks for human pilot, 6430
 human transfer functions in multi-axis and multi-loop control systems, 9512

Adams, James W., relief, 13097

Adams, John, *see* Adames, Juan I. T.

Adams, John G.:
 remarks—
 Nov. 19, 1965, 288
 Apr. 29, 1966, 8381
 May 20, 1966, 9982
 Oct. 17, 1966, 15618

Adams, Ruth, America illustrated, 2676

Adapters:
 bench vise, grips tubing securely and safely, 6382
 prevents damage to tubing during high pressure tests, 13765
 shoulder, steadies spot welding gun, 6402

Adaptive data compression for video signals, 9523

Addicott, W. O., late Pleistocene marine paleoecology and zoogeography in central California, 16361

Addicts, *see* Narcotic habit.

Addition, binary, simple circuit performs, 1230

Additives:
 chemical, run-in protects gear surface, 6395
 confectionery, amend food, drug, and cosmetic act—
 law, 15702
 report, 13123
 dispersant, and cement, effect on hydraulic backfill, laboratory study, 16576
 jet fuel anti-icing, effects on tank linings, 1369

Addresses (mail matter), *see* Mail matter.

Addresses, lectures, etc.:
 Billings, John Shaw, centennial addresses, 13874

by—
 Ackroyd, Margaret F., 17990
 Adams, John G., 288, 8381, 9982, 15618
 Andrews, Archie M., 10684-685
 Baker, John A., 5288
 Balderston, C. Canby, 732
 Ball, George W., 6629
 Baran, Saul, 10687
 Barr, Joseph W., 1523, 5193, 6673, 6679, 9753, 12549, 14052, 15399-400, 16882, 16885-889
 Barrett, Ashton C., 5938
 Bechill, William D., 5
 Belen, Frederick C., 2508
 Bell, David E., 866, 9051, 10690
 Bertsch, A. A., 5434
 Bienstock, Herbert, 6271
 Bird, Kermit, 4278
 Blumenthal, W. Michael, 2573, 8035
 Bolles, Edgar H., 14742
 Boyd, Alan S., 348-350, 357-58, 1775, 1778, 4018-19, 4024-25, 10036, 12788-789
 Breimyer, Harold F., 4233
 Brenner, Edward J., 1393, 13913, 13915, 15256, 17983
 Bridwell, Lowell K., 1776, 5556-57, 8437-40, 8443, 10039-41, 11524, 15654, 17060
 Brimmer, Andrew F., 336, 362, 1769, 3998, 5554, 5563, 7420, 10513, 11947, 14637, 16281, 16826
 Brown, Lester R., 9834
 Bundy, William P., 8057
 Carver, John A., 10670
 Cass, Millard, 1076
 Cassell, Frank H., 13289
 Cavin, James P., 4288
 Chadwick, Donald R., 1435
 Chinitz, Benjamin, 5541, 10032, 14322
 Ciardi, John, 2306
 Clapp, Norman M., 8011
 Clark, Kenneth B., 16854
 Coker, Joseph D., 657-658, 660
 Collins, James F., 4017
 Collins, LeRoy, 337, 363, 4016, 4030, 5553, 5562, 6993-95, 8416-17, 8436, 10012-14, 11523, 14319
 Colyar, A. B., 11194
 Connor, John T., 329-335, 353-356, 359, 1777, 4021-23, 5543-45, 5558-60, 6997-99, 8421-24, 8429, 8441, 10016, 10044, 10046, 11509-510, 12794, 14320, 14328, 15641, 15655-656, 17053, 17061-62
 Crafts, Edward C., 6557-58, 15254, 16773
 Daane, J. Dewey, 727, 8924, 11951
 Davis, W. True, 16883
 Day, James V., 701
 Deming, Frederick L., 1513-14, 6682, 9745, 12548
 Di Luzio, Frank C., 7510, 13432
 Donald, James R., 4289
 Dryden, Hugh L., 1288
 Dulcan, Edward S., 351, 4020
 Fanning, John H., 1322
 Faulkner, Rafford L., 8299, 14240
 Fay, William T., 9966
 Fazar, Willard, 15561
 Ferguson, Francis, 2306
 Finger, Harold B., 166
 Flood, Daniel F., print additional copies, reports, 13004, 14462
 Foley, Eugene P., 319-323, 1766-67, 5549, 5555, 8412-15, 8442, 10010-11, 12795, 15639-40
 Fowler, E. Eugene, 163, 1515-22, 2615, 2617, 5195, 6676-78, 8104-6, 9744, 9749-52, 11300-303, 14053, 16884, 16890-891
 Fox, Lawrence A., 9050

Addresses, lectures, etc.—Continued
by—continued

Frankel, Charles, 12524
Freedman, Alfred M., 16790
Freeman, Orville L., 31, 1603-5, 1607-8,
3738-40, 3753, 3768-69, 5280-82,
6777, 9804-10, 9836-39, 11345, 12613,
14120-129, 14134, 14151-158, 14160
Gilliland, Whitney, 15612
Godfrey, Horace D., 6738
Goldberg, Arthur J., 18118
Goldner, Lester, 13956
Goodwin, Robert C., 4331, 16244
Greenberg, Leon, 6272
Grogan, Paul J., 10022, 11530
Gulick, James W., 16549
Haddon, William, jr., 15660
Hanke, Byron R., 14631
Harlee, John, 700, 4378, 5939, 7371,
8902, 10476, 10905, 14633, 17654
Harvey, Thomas W., 7271, 10398
Hearn, George H., 702, 7369, 8901, 10477
Henning, John F., 4697
Hibbard, Walter R., jr., 4754, 6293,
6311, 9366
Hiemstra, Stephen J., 4291
Hollomon, J. Herbert, 4000, 4027, 4029,
5548, 8426-27, 10033, 11512, 15658-
659, 17059
Holum, Kenneth, 2113
Hoover, J. Edgar, 7358
Horne, John E., 5933, 13318
Howe, Harold, II, 7314-15, 7317-18,
7323-24, 7326, 10422, 13281, 16228,
16238
Humphrey, Hubert H., 1970, 13996,
17733
Hurley, Ray, 3941
Johnson, Hugh A., 10417
Johnson, Nicholas, 1102-4, 4745-46,
6280, 9352-53, 10900-904
Johnson, U. Alexis, 8056
Johnson, Wilfrid E., 14241
Keppel, Francis, 4300, 4308, 4310, 4314,
4321, 5873, 7299, 7313, 8840-41, 8844,
8852-53
Keyserling, Mary D., 1551, 1554, 1560,
1566, 5250, 6698, 9768-69, 12571,
16911
Knapp, Joseph G., 5911
Krause, Frank W., 16986
Kromer, George W., 4290, 4292
Lamborn, Emile M., 9203
Lattu, Onnie P., 1388, 6556, 11161
Lazorchick, Daniel C., 4580
Lesser, Arthur J., 277
Linder, Harold F., 10448
Lister, Ernest A., 11522
Lowenstein, Frank, 8173
McCulloch, Frank W., 1321
McGarry, Thomas F., 12492
MacKenzie, Vernon G., 1412
McNeil, Robert L., 8418, 10015
McQuade, Lawrence C., 8435, 10038,
11511, 12790
Maisei, Sherman J., 731, 2024, 5955,
16283
Martin, William M., jr., 728
Mathews, J. Chesley, 2306
Mehren, George L., 37, 3748, 3754, 9816,
9842
Meyers, Trienah, 1585, 1610-11, 3749,
6741
Miller, Marshall E., 4287
Minetti, G. Joseph, 15611
Mitchell, George W., 733, 2026, 4393,
5957-58, 7418, 10510-511, 16282,
16287
Moore, J. Cordell, 840, 6060-61, 7511,
13433, 14769
Morgan, Roy L., 324-328, 352, 1768,
1779, 5542, 6996, 8419-20, 8434,
10034-35, 10043, 11525, 12769,
12791-793

Addresses, lectures, etc.—Continued
by—continued

Morton, James G., 7012, 15653
Murphy, Charles S., 285-287, 1743,
3959, 5508, 6949-51, 8377, 8379,
9979, 11489, 15616-617
Murphy, Robert T., 3949, 8376, 11490,
14286
Nabrit, Samuel M., 16981
Nace, Raymond L., 14753
Nehmer, Stanley, 3999
Nelson, Robert A., 10042
O'Brien, Gerald D., 1389
O'Brien, Lawrence F., 1394, 2509, 5083-
85, 8015, 11170-171, 13916-920,
15258, 16775-778
Oganovic, Nicholas J., 1759
Ogden, Daniel M., jr., 9601, 9603
Ordman, Arnold, 11119
Owens, James M., 15562
Palfrey, John G., 171, 5419, 5424
Paret, Peter, 14166
Pascal, Anthony H., 10020
Patterson, John S., 7370
Pavlov, S. P., 4685
Peterson, Esther, 1559, 2512, 2516,
5090, 11174, 17799
Pollack, Gerald A., 11531
President Johnson, 1397, 5152, 5599,
9721, 15261, 16843
President Truman, 5952
Randall, K. A., 14623
Robertson, J. L., 8927, 10509
Romm, Joseph, 14292
Roth, William M., 6619-20
Rowen, Henry S., 3866
Rusk, Dean, 1491, 2578, 9722, 11252
Sableski, Joseph J., 15274
Schmeltzer, Edward, 14634
Schneider, Lawrence A., 5359
Schnellbacher, E. E., 865, 6073, 7523,
7525, 10689, 14780
Schnittker, John A., 3741, 3747, 5289,
5296-97, 6778, 6782
Seaborg, Glenn T., 162, 164, 168-170,
3856, 3858, 3860, 5418, 5423, 5425-
26, 8298, 8300, 8305, 9931-32, 9934-
35, 12687, 14238, 14242, 15540-545,
16977, 16979-980
Seamans, Robert C., jr., 12379
Shaw, William H., 11526, 14321, 15642,
15644, 15652, 15657
Shepardson, Chas. N., 4390
Sisco, Joseph J., 11259
Smith, A. Howard, 15635
Smith, Edward K., 338
Solomon, Anthony M., 5151
Spender, Stephen, 17821
Stewart, William H., 1418, 1432, 15271
Surrey, Stanley S., 1524, 8099, 11294,
15392, 16876
Swartout, John A., 167
Tape, Gerald F., 6872, 8303, 9933
Taylor, Maxwell D., 9722
Thompson, Floyd L., 9551
Tibbitts, Clark, 1572
Trowbridge, Alexander B., 360-361,
1780, 5540, 8411
Trued, Merlyn N., 8103
Udall, Stewart L., 845, 6062, 10665,
10667-669, 13429, 13434, 14768
Ward, Edward J., 10037
Weaver, George L-P, 7643, 13587,
16511-512
Wharton, Howard J., 5203
White, Robert M., 5892
Whitton, Rex M., 2547, 8006, 15316,
16814
Wilkins, Roger W., 4031-32
Williams, James D., 9622
Williams, Thomas F., 15270
Winston, Ellen, 8113, 11318
Wirtz, Morvin, 9202

INDEX 1966

Addresses, lectures, etc.—Continued

by—continued

- Wirtz, W. Willard, 1075, 1077-78, 4694, 6253, 7649, 9193, 9195-96, 10838-839, 10843, 12200
 Zagoria, Sam, 1320, 5036, 6494, 7933, 9562, 11115, 11118, 17954
 FMC SP series, 700-702, 4378, 5938-39, 7369-71, 8901-2, 10476-477, 14633-634, 17654
 Harmon memorial lectures in military history (series), 14166
 inaugural addresses, George Washington to Lyndon B. Johnson, 456
 lecture preparation guide, instructive communication, 16803
 MA SP series, 1102-3, 4745-46, 6280, 9352-53, 10900-905, 16549
 National Foreign Policy Conference for Educators, excerpts from addresses, 16855
 North American Fisheries Conferences, 17674
 public papers of Presidents of United States, announcement and order form, 1402
 USSR, speeches at 23d Party Congress, 10729
 White House Conference to Fulfill these Rights, 12567
 works for oral delivery, copyrighted, 596, 11838
 Addressing method using concise word codes as memory addresses, USSR, 878
 Adelberger, Howard H., relief, 12882
 Adelstein, S.J., cell proliferation kinetics in tongue and intestinal epithelia of hibernating dormice (*Glis glis*), 9859
 Aden:
 background notes, 12518
 Eastern Aden Protectorate geology, 17723
 Adenosine triphosphate, detection instrument, design and fabrication, 7733
 Adhesion, ice to hydrophobic surfaces, 15252
 Adhesive-backed terminal board eliminates mounting screws, 2400
 Adhesive restorative dental materials:
 literature survey of inorganic polymers, 2498
 proceedings of workshop, 15269
 requirements and test methods, 7927
 Adhesives:
 cryogenic application, cures at room temperature, 9485
 dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
 Federal item identification guides for supply cataloging supplements, 2937
 testing of adhesive bonds, ultrasonic emission method, 13776
 Adjustable cutting guide aligns and positions stacks of material, 11004
 Adjustment Board, National Railroad, *see* National Railroad Adjustment Board.
 Adjutant General's Office:
 Army Library—
 selected current acquisitions, 3505
 selected periodical literature, 3508
 special bibliography, 12577
 La Administracion de Bienestar y el auxilio, social en el mundo, 16902
 Administration, *see* Administrative management.
 L'Administration des Affaires Sociales et l'action sociale dans le monde, 16903
 Administrative Conference of United States: appropriations, 1967—
 hearings, 7115, 10322
 reports, 11625, 13122

Administrative management:

Air Force—

- Cambridge Research Laboratory, research management functions, GAO report, 6026
 industry data management symposium, Sept. 28-30, 1965, proceedings, 3791
 ALO standard structure for managerial data, 5382
 Army personnel system, utilize logical model to represent manpower supply and flow characteristics, and for reduction of turbulence, 3839
 Army Supply and Maintenance Command project listing, 14221
 business management in selected colleges and universities, 8837
 career, National Institutes of Health, 15273
 choosing form of business organization, administrative management course program, 2553
 college and university business management guide, 1977
 Commercial Fisheries Bureau, resources funds for general administrative expenses, violation of statutes by use of management and investigations of, GAO report, 12009
 communication and control, administrative management course program, 5136
 control of Nike-Hercules missile launching and handling rails, Army Missile Command, GAO report, 17707
 cost, source of funds expended for public assistance payments, 5907
 course for owners of smaller businesses, 14011
 defense traffic management handbook, 607
 dental administration, Navy manual—
 change, 15245
 chapter, planning, construction, and maintenance of facilities, 6530
 Division of Hospitals, statistical summaries, 1417, 18002
 elementary school programs for disadvantaged children, 16225
 executive, philosophy, problems, practices, 12656
 factors in job-satisfaction, spontaneous comments, analysis, 14192
 Federal administrative and management examination positions, examination announcement, 1763
 Federal occupational health units, guide, 12459
 forecasts and appraisals for management evaluation, Manned Space Flight Office, 12285-286
 Government supported research at universities, 11449
 hospital central medical and surgical supply services, 15282
 index to management issuances, NASA policy directives, NASA management instructions, 1178
 management analysis in Army Dept. pamphlet, 6836
 management and technical aid for displaced small businesses, 11218
 management course program, topics, 2553-5136-37, 6598-99
 management intern program, Army Dept., 3825
 manpower management, improvements, examples, 1864, 8677, 17391
 Marine Corps procurement of equipment, etc., GAO report, 10619
 mechanization of administrative work, USSR study, 983
 medical administration, USSR study, 16469
 medical care administration, research opportunities, 5118
 Navy management review (periodical), 3254

Administrative management—Continued
 Navy's limited duty officers qualification manual, 11150
 needed staff for headstart child development centers, 4270
 packaging administration, Army field manual, 8253
 personnel, code of Federal regulations, 7407
 personnel information bulletin of VA, 3320
 personnel literature, 3321
 personnel management—
 pay, Feb.-Mar. 1965, survey, 2303
 series, 3981
 personnel methods series, 304-306
 program management officer, developing management concept, 5116
 public assistance administrative costs per casemonth, 10449
 public management sources, 3429
 publications of SBA, classification, 9642
 safeguarding your business and management succession, administrative management course program, 5137
 safety activities, management aspects, workshop proceedings, 8928
 small business—
 management aids for small manufacturers, annual compilation, 1456
 management series, 6602
 starting and managing series, 9645
 sources of assistance and information, administrative management course program, 6599
 staff development—
 Family Services Bureau, 1964 report, 5901
 public welfare programs progress report, 1965, HEW, 14585
 State public assistance and child welfare plans under social security act, 5905
 student services administration in higher education, 10431
 system program management procedures, AFSC manual, 12624
 systems engineering management procedures, AFSC manual, 6796
 training opportunities in IRS administrative intern program, 2122
 Treasury Department, progress in management improvement, report 1965, 2616
 tribal funds of Navajo Indians, need for effective guidance, GAO report, 11999
 unit personnel officer's guide, Army pamphlet, 9698
 work simplification, ARS guide, 6708
 see also Organization in industry.
 Administrative Office of United States Courts, report, 9771
 Administrative personnel, *see* Administrative management.
 Administrative procedure:
 act, amend, report, 11733
 act, effectiveness, investigation, authorization, report, 4186
 Government offices, investigation, report, 5782
 Administrators:
 Air Force Department, civilian career opportunities, 15485
 head start child development centers, guidelines for selecting equipment and supplies, 4277
 representatives, Federal aviation regulations, 14617
 school, realistic approach to civil defense, handbook, 11492
 see also Hospital administrators.
 Admiralty, claims settlement, amend law, report, 1912
 Adobe, building, 3757
 Adolase, ascorbic acid protection against inactivation, 1625
 Adolescents, *see* Youth

Adoption:
 agency sponsored program for parents after adoption, 280
 community workshop for adoptive parents, 280
 placing children of minority groups, how one social agency is focusing effort and skill, 275
 ADP, *see* Electronic data processing systems
 ADP Management Training Center, management of automatic data processing in Federal Government, training programs, 1750
 Adrenal glands, in presence of radiation injuries to organism, USSR studies, 4691
 Adsorption:
 cesium on—
 fluorinated molybdenum, erected dipole model, 4961
 insulators, 4810
 charcoals, 8 available commercially, laboratory comparison, 17856
 environmentally modulated, feasibility in demineralization of saline water, 4551
 n-octadecylamine, n-octadecanoic acid, and n-octadecyl alcohol from nonaqueous solution onto hydrated and dehydrated metal oxide surfaces, 6540
 properties, dependence on surface structure for body-centered-cubic substrates, 2426
 rates, of methane on Pocahontas and Pittsburgh seam coals, 9373
 surface active material at surface of seawater samples from Bay of Panama, 6544
 see also Heat of adsorption.
 Adult and Vocational Research Division, training, and experimental programs, 633
 Adult education, *see* Education.
 Adults:
 blood glucose levels, 15309
 brighter vistas, church programs for older adults, 5260
 civil defense education, personal and family survival, teachers manual, 11884
 hearing levels, by age and sex, U.S., 1960-62, 2544
 oral hygiene, 12489
 weight by height and age of adults, United States, 11199
 Advanced Research Projects Agency, scientific information activities, 13890
 Adverse action, law and regulations, annotated, 2946
 Advertising:
 advertising alert, 2643
 corporations marketing food and kindred products, 1950-64, analysis of expenditures, 624
 essential element of our economic success home and abroad (remarks), 15656
 outdoor, along Federal-aid highways, control—
 costs, 1967 estimate, instruction manual, 11204
 report, 546
 promotional activities of agricultural groups, 1590
 role in national life and economy (address), 5543
 tires, guides adopted by Federal Trade Commission, 14647
 volume and expenditures, 1457
 workers, employment outlook, 9207
 Advisory Commission on Information:
 annual report—
 department edition, 5259
 document edition, 5620
 Advisory Commission on Intergovernmental Relations:
 act establishing, amend, reports, 15920, 17550
 appropriations, 1967—
 hearings, 7115, 10322
 law, 15699
 report, 8598

- Advisory Commission on Intergovernmental Relations—Continued
 - first 5 years, report, 8622
 - five-year record, future role, 5718
 - print as Senate document, report, 5760
 - press releases, 3340
 - State legislative program, 16916
 - unshackling local government, survey of proposals, report, 15843
- Advisory Commission on International Educational and Cultural Affairs, report on treatment of foreign visitors, 7060
- Advisory Committee on Health Education and Communications, report, 6575
- Advisory Committee on Management of National Institutes of Health Research Contracts and Grants, see Secretary's Advisory Committee on Management of National Institutes of Health Research Contracts and Grants.
- Advisory Committee on Older Americans, establish, report, 17460
- Advisory Committee on the Arts, report on cultural presentations, USA, 18119
- Advisory Committee on Voluntary Foreign Aid:
 - register of agencies, 6077, 10692
 - reports of American registered agencies, 7530, 6078
- Advisory Corrections Council, create, hearings, 14429
- Advisory Council of the President's Committee on Employment of the Handicapped, special report to the President, 7659
- Advisory Council on Education of Disadvantaged Children, see National Advisory Council on Education of Disadvantaged Children.
- Advisory Council on Elementary School Child Development:
 - establish—
 - hearings, 5679
 - report, 5676
- Advisory Council on Historic Preservation, establish, report, 15892
- Advisory Council on Medical, Dental, Optometric and Podiatric Education, see National Advisory Council on Medical, Dental, Optometric, and Podiatric Education.
- Advisory Council on Public Welfare:
 - having the power, we have the duty, report, 12565
 - recommendations, summary, 18143
- Advisory Council on State Departments of Education, annual report, 16234
- Advisory Council on Status of Women, see Citizens' Advisory Council on Status of Women.
- Advisory groups, Aug. 1, 1966, Vocational Rehabilitation Administration, directory, 14068
- Advisory, monthly newsletter from Office of National Councils and Organizations to advisory councils, 13257
- Advisory Panel on Postal Rates, report, 10260
- AE-CL series, 2745
- AEC, see Atomic Energy Commission.
- Aerial mapping:
 - agreement with Brazil, 2592
 - agricultural resources, USSR study, 2206
 - radar landmass simulation, computer techniques, 9593
 - surface-fitting program for already-distributed data from earth sciences and remote sensing, 1182
 - three-photo aerotriangulation, 11504
 - see also Photogrammetry.
- Aerial photogrammetry, see Photogrammetry.
- Aerial photography:
 - aerial photo scale-protractor, description and use, 4445
 - aerial-photographic, topographic-geodetic and cartographic work of Soviet Union in Antarctica, 14866
- Aerial photography—Continued
 - APT users guide, 1994
 - errata, 7341
 - Gemini left-hand window, effects on experiments requiring accuracy in sighting or resolution, 17927
 - interpretations for compilation of large-scale soil maps, USSR study, 1063
 - maps, status, 15439
 - photography in airborne geophysical surveying, USSR study, 13449
 - spectrozonial aerial photographs for topographic interpretation, USSR study, 14900
 - stand-volume tables for California timber, 10580
 - television cloud photography, meteorological satellite data—
 - catalogue—
 - ESSA 1, 14580
 - TIROS VII, 1535, 8867
 - TIROS VIII, 5900, 14579
 - TIROS IX, 11902
 - use, in unified information system, 11201
 - uses of airphotos for rural and urban planning, 11348
 - see also Aerial mapping.
- Aerial radiological measuring survey:
 - aeroradioactivity and surface geology—
 - Ohio and Indiana, 11418
 - Puerto Rico, 11419
 - San Francisco region, 11417
 - Albuquerque, N. Mex., area, 8279
 - Cincinnati area, 8280
 - District of Columbia area (ARMS-I), 9917
- Aerial radiological monitoring systems, handbook, 15621
- Aerial spraying, see Sprays and spraying.
- Aerial surveys, waterfowl in eastern Canada, 10539
- see also Radioactivity.
- Aeroballistic launch vehicles, see Spacecraft.
- Aerobee rockets, see Rockets.
- Aerodontalgia under hyperbaric conditions, 14995
- Aerodynamic heating:
 - heat shield, clamshell-type, motion on deployment in atmosphere, 7831
 - minimization of heat input for manned vehicles entering earth's atmosphere at hypersonic speeds, 9544
- Project Fire—
 - instrumentation, 17918
 - photographic summary, etc., 17913
- supersonic tests, external insulation system for liquid-hydrogen tanks of boost vehicles, 7838
- Aerodynamics:
 - bodies and delta-wing-body combinations at Mach 6.9, effect of body cross section and width-height ratio on performance, 11047
 - characteristics—
 - cone at Mach 20.3 and angles of attack to 110° in helium, 6420
 - spherically blunted cones at Mach numbers from 0.5 to 5.0, 2409
 - control of 5° semivertex cone, effect of body nose blunting, control planform area, and leading-edge bluntness, 12346
 - damping—
 - and oscillatory stability in pitch for model of typical subsonic jet-transport airplane, 4918
 - pitch and yaw of Gemini configurations, 7854
 - delta-wing-body combination, sonic-boom characteristics, 11075
 - dynamics of aircraft in unsteady flight, analytical study, 3837
 - flared bodies, hypersonic flow over at incidence, 4958
 - model for low-altitude rocket exhaust plume, 16762

Aerodynamics—Continued

Newtonian—
characteristics of blunted right elliptical cones, 13809
tangent ogive bodies of revolution, 7857
quasi-slender body theory for slowly oscillating bodies of revolution in supersonic flow, 11066
raked-off circular and elliptical cones at Mach number of 20 in helium, 9527
spinning body, approximation of reentry angles of attack from rate-gyro and accelerometer data, 12362
splitter plates for separation of twin inlets, 7892
supersonic aerodynamic characteristics of series of related bodies with cross-sectional ellipticity, 15157
tension shell shapes at Mach 3.0, 16690
three-dimensional flow of ideal gas past smooth bodies, 11083
transonic characteristics of—
bodies with cross-sectional ellipticity, 6421
tailless fixed-wing supersonic transport model, 7810
two-dimensional wedge and triangular planform wings, hypersonic laminar viscous interaction effects, 15153
wind tunnel measurements, FM telemetry and free-flight techniques, 6462
see also Aircraft—Airplanes—Boundary layer—Drag (aerodynamics)—Flow—Heat transfer—Load (mechanics)—Rockets—Spacecraft—Wings (aircraft).

Aeroelasticity, divergence in unguided launch vehicles, 7832

Aerobolism, bubble theory of etiology of decompression sickness as related to high altitude exposure, 5326

Aerionotherapy, experiment, and air contamination study, USSR, 897

Aerology:
aerometeorological research in Antarctica during IGY, USSR study, 982
polar regions, USSR study, 1029

Aeromedical reviews, 91–92, 5325–26, 6809, 14188–189

Aeronautical and Space Sciences Committee, Senate:
calendar, 3129
committee prints, 7200, 13189
hearings, 4208, 7198–99, 7201
investigations and studies, aeronautics and space activities, authorization, report, 4174
report, 11737

Aeronautical charts, *see* Maps and charts.

Aeronautical supplies:
aircraft type certificate data sheets and specifications, 2668
antifriction bearings, maintenance, handbook, 11157

Aeronautics:
activities of Federal departments, etc., investigation, authorization, report, 4174
aeronautical information publication, 6820
aerospace glossary, 9843
air commerce, Federal regulation (remarks), 286
air service, lease of equipment, agreement with Germany, Federal Republic, 6642
air traffic patterns for IFR and VFR aviation, 10454
air transport services, agreements with—
Japan, 15346
Mexico, 5167
Norway, 15365
air transportation service, progress (remarks), 9982
airman's information manual, 1628, 2670, 11385

Aeronautics—Continued

Army aviation—
company, field manual, 11398
digest, 3639
meteorology applicable, technical manual, 11404
training, prediction of success, 3843
aviation and its flight environment (address), 5892
aviation certificates of airworthiness for imported civil glider aircraft, agreement with Poland, 1499
aviation news (periodical), 2904
aviation personnel, problems, influence of tranquilizer on temperature regulation in man, 15556
aviation radio services, FCC rules and regulations 2923
chart updating manual, 2744
civil air regulations, special regulations, 3530
civil aviation—
accidents, summary reports (periodical), 3565
employment outlook, 9295
FAA historical fact book, 1926–63
chronology, 10458
publications, price list, 15266
USSR navigational aids, 13456
code of Federal regulations, 8907, 10487–488
communications and pilot services, ATS handbook, 3800, 12647
expanding air transportation (remarks), 8379
FAA statistical handbook of aviation, 2004
Federal aviation act of 1958—
amend—
hearings, 1862, 13199
law, 11556
reports, 10315, 11622, 14463, 16105
enforcement procedures, regulations, 13306
rule making procedures, FAA regulations, 16257
Federal aviation regulations, 686–693, 2005–9, 4354–60, 5916–22, 7350–56, 8875–88, 10459–468, 11909–913, 13306–310, 14599–617, 16257–265, 17616–648
status, 4362, 7357
general aviation accidents, small fixed-wing aircraft, briefs (periodical), 2711
international notams, 3079
key to aviation weather reports, 11316
memorandum for aviators, 3189
NASA operations, semi-annual report—
departmental edition, 1287
document edition, 467
naval aviation—
NROTC cruise manual, 11151
publications, price list, 15266
naval aviation news, 3246
naval aviation safety review, 2684
notice to aviators, 3278
Pacific airman's guide and chart supplement (periodical), 3306
policy planning for research and development, study, 13066
print as Senate document, report, 10288
private pilot's handbook of knowledge, 11983
project Ranger, general information, 1193
report of Committee on Aviation, National Citizens' Commission, 1544
research, investigation, expenses, report, 4108
speaking of space and aeronautics (series), 1288, 9551, 12379, 13851
supersonic precision aerial demonstration team, Air Force Thunderbirds flying North American F-100 Super Sabres, 6817

INDEX 1966

Aeronautics—Continued

United States activities, report 1965—
departmental edition, 5002
document edition, 4070
weather procedures, handbook, 102
changes, 8221, 14198
see also certain headings beginning Air.
Aeronautics and Space Administration, Na-
tional, *see* National Aeronautics and Space
Administration.

Aerophotography, *see* Aerial photography.

Aerosols:

AFA analytical filters, USSR study, 10754
dynamics in mine workings, USSR study,
10825

homophase, stability and its artificial regu-
lation, USSR study, 2211

radioactive—

dispersion in stratosphere, USSR study,
7599

filter pack technique for classifying by
particle size—

fission products, 1381
mathematical considerations, 1382

viral—

and immunization, USSR studies, 14891
determination of physical parameters,
USSR study, 17764

Aerospace, *see* Outer space

Aerospace biology, *see* Biology

Aerospace engineers, employment outlook,
9236

Aerospace maintenance safety, 2644

Aerospace Medical Division, technical re-
ports, 5299, 15481

Aerospace medicine, *see* Medicine

Aerospace Research Office:

OAR progress, 1965, report, 3788

OAR series, 3787-88, 12626

research opportunities, 5324

research resumes, 3787

research review (periodical), 3471

Aerospace safety (periodical), 2645

Aerospace science, *see* Science.

Aerospace vehicles, *see* Spacecraft

Aerottitis media, *see* Otitis media

Aerotriangulation, *see* Aerial mapping.

Aesthetics, application in industry, USSR
study, 14802

AFCLR, *see* Air Force Cambridge Research
Laboratories

AFDC, *see* Children—Families—Public as-
sistance

Affens, W. A., flammability properties of hy-
drocarbon fuels, 5071

Afghanistan:

background notes, 18106

economy, basic data, 11518

mineral industry, minerals yearbook chap-
ter, 4759

technical cooperation agreement, 5171

visit by Senate delegation, report, 5811

AFI-CIO, *see* American Federation of Labor
and Congress of Industrial Organizations

AFOSR, *see* Air Force Office of Scientific Re-
search

Africa:

African, Asian, and Latin American
peoples tricontinental conference, staff
study, 10358

African series, 8036, 16843

agricultural situation, 1965 review and
1966 outlook, 8834

contributions to hydrology of Africa and
Mediterranean area (series), 16362

crude oils, analyses, 10910

East—

foreign trade regulations, 15646

market for U.S. products, 12059

government procurement practices in se-
lected countries, 17058

health information for travel in Africa,
12470

inheritance comes to P.S. 83, 10425

labor 1960-64, bibliography, 6269

labor organizations, directories, 16384

labor union movement (paper), 4580

Africa—Continued

language, classification, Library of Con-
gress, 4741

literature, classification, Library of Con-
gress, 4741

market indicators, 15645

market profiles, 14323

minerals yearbook chapter, regional re-
view, 9367

pattern of sovereignty, 6632

public health development trends, USSR
study, 7555

social science research studies, list, 11250

southwest coast, sailing directions, change,
12403

study mission, reports, 7140, 10182

translations, 3594

United States and Africa, unity of pur-
pose (address), 16843

west coast—

lights and fog signals, list, change,
5056, 7958, 13897

tide tables, 12765

see also South Africa.

African Unity, Organization of, *see* Organi-
zation of African Unity.

AFSC, *see* Air Force Systems Command.

Afterbodies, Apollo, heat transfer and pres-
sure with and without ablation, 16683

Agallidae, catalogue, 9792

Age:

age at first marriage, duration of marriage,
etc., 1960 census of population, 11479

at menopause, 1960-62 survey, United
States, 18080

discrimination prohibited under State
laws, table, 9199

foreign stock by country of origin, 1960
census of population, 211

migration of population by age (series),
631, 7295

patterns in medical care, illness, and dis-
ability, United States, 12488

projections of white and nonwhite popu-
lation to 1985 by age, 14275

records in National Archives, 7906

revised projection of population to 1985
by age, 6927

Age (law):

voting, projections of population, Nov.
1966 and 1968, 5488

Aged:

aging (periodical), 2646

FHA housing for the elderly, projects and
people, 11924

films on aging, selected references, 5262

foster grandparent program, new role for
older Americans, 14526

health insurance—

brief explanation, 9656

conditions for coverage of services of
independent laboratories, 9652

conditions for participation—

hospitals, 5142

correction, 15326

extended care facilities, 8024

home health agencies, 8023

extend deadline for enrollment—

law, 8460

message from the President, 8500

reports, 8605, 8728

home health agency manual, 12509

hospital manual for billing under medi-
care, 12508

medicare, what you need to know, 9659

provider costs under medicare, reim-
bursement, 12507

reimbursement guidelines for hospitals,
hearing, 11802

under social security—

physician reference guide, 11228

your medicare handbook, 11229, 12512

health insurance for the aged, HIM
(series), 8023-24, 9652, 12507-509,
15326

Aged—Continued

homemaker services for older people, selected references, 5261
housing—
project, mortgage insurance—
Fort Worth, Tex., GAO report, 6021
Houston, Tex., GAO report, 6022
selected references, 5263
income assurance, issues and alternatives, 17153
income of older people, 1964, supplement, 2623
institutions—
aged and chronically ill, Apr.-June 1963, U.S., statistics, 1440
utilization, Apr.-June 1963, statistics, 6589
legislative and executive actions affecting senior citizens, 1965, 566
medical assistance—
State plans, characteristics under social security act, 11905
under Kerr-Mills act, 5902
medical care, social security amendments of 1965—
annotated text of health insurance provisions, 5792
law, print additional copies, report, 13005
Senate amendments, brief description, 1937
summary, 7209
medical quackery, 8946
medicare health benefits can help you if you are about 65, 16831
medicare, things to know, 6608
middle-aged and older people in American society (address), 1572
nation's nursing homes, conditions and problems, hearings, 565, 1926
needs for services revealed by operation Medicare Alert, hearing, 17563
new day for older American, Senior Citizens Month, guide to community action, 9617
nursing homes, etc., employees, 1964 statistics, 15310
older Americans—
facts about, 11336
progressing toward new day, 10655
United States, by counties, 1960 map, 272
older Americans act of 1965—
amend, hearings, 17589
grants to States for community planning, services, and training, 4
regulations for implementing, 1573
podiatrists' services, payment under supplementary medicare program, report, 17335
programs to help older persons, assistance to States, etc., report, 17460
rural community action programs can serve hard-to-reach older people, 8827
senior centers, national directory, 8123
services to elderly on public assistance—
hearings, 567
appendix, 7202
report, 7203
65 or over? medicare health benefits beginning July 1st, 8025
social security benefits at age 72—
law, 7032
law, explanation, 11799
law, summary, 7170
legislative history, 17399
report, 7086
Senate amendments, summary, 8687
social security, special benefits for people 72 or over, brief explanation, 1475, 14021
State aid under social security act, 8869
supplementary medical insurance, enrollment, 16829

Aged—Continued

tax consequences of contributions to needy older relatives—
hearing, 14469
report, 17534
team work can offer protection for elderly, investigate, stop, look, says Federal Trade Commission, 11958
volunteer services for older people, references, 3724
war on poverty as it affects older Americans—
hearings, 568, 8760
errata, 4209
report, 11780
print additional copies, report, 10289
welfare services, planning, papers, 11904
working with older people, practitioner and the elderly, practice guide, 15312
see also Aging.
Agena, see Spacecraft.
Agency for International Development, *see* International Development Agency.
Agents, *see* Foreign agents—Lawyers.
Agglomeration, urban agglomeration and its meaning for rural people, analysis, 13263
Aggregates:
coarse, grading fluctuations, effects on concrete quality, 7338
highway construction usage factors, 2546
Aging:
aging center in Sinai Hospital, 1429
Annual National Conference of State Executives on Aging, selected papers, 1542
are you planning on living rest of your life? plan for retirement, 1570
aviation personnel, long-term medical research, GAO review, 8996
careers, guide specifications for positions in aging at State and local levels, 1571
developments, 1965, congressional actions, report, 7183
facts on aging series, 2623
medical research on, better management needed, report, 15929
Nation's need for the aging, contributions older people can make (address), 5549
older Americans act, grants to public and private nonprofit agencies, etc., for research, demonstration, and training projects, 3
patient, disease detection in persons over 45, office evaluation, 16806
patterns for progress in, case study (series), 5260
selected references, 3724, 5261-63
see also Aged.
Aging Administration:
establish, report, 17460
health programs, law, compilation, 13049
new AOA, Administration on Aging, general information, 2
program (statement), 5
Aging population, *see* Aged.
Aging, President's Council on, *see* President's Council on Aging.
Aging, Special Committee on, Senate:
committee prints, 566, 5792, 7203
continuing authority, etc., report, 4204
hearings, 565, 567-568, 1926, 4209, 7202, 8760, 14469, 17563
reports, 7183, 11780, 17534
Agnew, Donald B., meatpackers' cost for fresh beef and pork, 625
AGO, *see* Adjutant General's Office.
Agostino, Rosa, relief, 16052
Agrarian reforms, *see* Land reforms.
Agreement on tariffs and trade, *see* General agreement on tariffs and trade.
Agreements (industrial), *see* Industrial agreements.
Agricultural chemicals, *see* Chemicals.

- Agricultural chemistry, chemically modified oil products and industrial uses publications and patents, list, 9785
- Agricultural commodities, *see* Agricultural products.
- Agricultural conservation program :
background information, 6732
maps, 6719
statistical summary, 8140
summary by States, 1581
- Agricultural credit :
Bankhead-Jones farm tenant act, amend—
hearings, 4118, 11638
report, 15916
code of Federal regulations, 8904
farm credit cooperatives, publications, 4349
farmers and their debts, role of credit in farm economy, 11862
Farmers Home Administration, procedures for determining whether loan applicants are unable to obtain financing from private or cooperative credit sources, need to strengthen, GAO report, 4500
merchant and dealer credit, data from 1960 sample survey, S923
see also Loans.
- Agricultural economics, *see* Agriculture.
- Agricultural engineering :
Eastern Utilization Research and Development Division, engineering research, 25th anniversary review, 9788
scientific careers in Agricultural Research Service, 1592
- Agricultural engineers, employment outlook, 9236
- Agricultural experiment stations :
States—
funds for research, 5836
professional workers, 5286
see also names of particular stations, e.g. Alaska Agricultural Experiment Station.
- Agricultural extension specialist, examination announcement, amdt., 15627
- Agricultural finance, *see* Agriculture.
- Agricultural insurance, crop insurance fieldman and supervisor, examination announcement, amdt., 15627
- Agricultural labor, *see* Farm labor.
- Agricultural laborers, *see* Farm labor.
- Agricultural machinery, *see* Farm implements and machinery.
- Agricultural market reporters, examination announcement, 15626
- Agricultural marketing (periodical), 2648
- Agricultural marketing agreement act, *see* Agricultural products.
- Agricultural marketing specialist, examination announcement, 15626
- Agricultural markets in change, 11863
- Agricultural occupations, employment outlook, 9291
- Agricultural outlook, *see* Agriculture.
- Agricultural policy, *see* Agriculture.
- Agricultural processing, first processors, economic emergency loans, hearing, 17355
- Agricultural products.
acquisition and disposal by CCC of surplus farm products, 6722
affiliated produce warehouses, reducing operating costs, 5287
agricultural commodities agreement with—
Bolivia, 1497, 1502
Burma, 15370
Ceylon, 11273
Chile, 5168, 11275
China, 9732, 11269
Columbia, 1495
Congo (Leopoldville), 1506
Ethiopia, 11266
Ghana, 12537
Greece, 8070, 15363
Guinea, 2591, 11271
Iceland, 8084, 15374
India, 2583, 5165, 8069, 9735
Indonesia, 15361, 16860
- Agricultural products—Continued
agricultural commodities agreement with—
continued
Iran, 6648
Israel, 15364, 16858
Ivory Coast, 15368
Kenya, 1501, 6649, 8087
Kenya, Tanzania, Uganda, and East African Common Services Organization, 15357
Korea, Republic, 11274
Mali, 11262
Pakistan, 15358, 16866
Ryukyu Islands, 6653
Sierra Leone, 11272, 16859
Sudan, 11276
Tunisia, 6643, 15355
United Arab Republic, 11267-268
Vietnam, 1498, 1505, 5163, 8077, 8080, 11278, 12526, 15349
Yugoslavia, 6641, 8068, 8078-79, 15369
agricultural exports from temperate and tropical zones, changes in prices and foreign exchange earnings, 7293
agricultural marketing (periodical), 2648
agricultural prices (periodical), 2650
air shipments of agricultural commodities, recent trends and prospective developments, 7286
ASCS commodity offices, where they are, what they do, 6726
automatic pickup for bags, tags, and cartons in packaging and labeling, 6710
carload waybill statistics, 7532, 7535
CCC monthly sales list, 2733
commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
display stands for farm produce, building plans, 11360
export program as it relates to grains and oilseeds (address), 9809
exports—
alltime record in 1964 by increased dollar sales, 628
fact sheet, 10415
Federal stockpile inventories, report, 2640
foreign agricultural trade, monthly, 2985
foreign trade—
commodities—
calendar year 1965, 13266
fiscal year 1964-65, 4294
countries—
calendar year 1965, 17618
fiscal year 1964-65, 18866
Ghana, supply and demand projections to 1975 with implications for U.S. exports, 7294
grader, examination announcement, amdt., 15627
handbook of agricultural charts, 16921
import and export, Secretary of Agriculture to report to Congress each year certain information, hearings, 16183
imports, fact sheet, 10415
Jamaica, Trinidad and Tobago, Leeward Islands, Windward Islands, Barbados, and British Guiana, demand, supply, and imports, projected levels to 1975, summary and evaluation, 11865
land improvement to obtain high and stable yields of crops, USSR study, 10812
Latin America, 20 countries, Jamaica, Trinidad and Tobago, indices, 7289
market development and promotion, workshop-seminar, 14536
market promotion activity of Foreign Agricultural Service, review, report, 17266
marketing agreement act of 1937—
amend—
hearing, 17564
law, 431
include certain fruits, hearing, 14406

Agricultural products—Continued
 marketing bulletins, 6753, 14139
 marketing farm products, recent developments and outlook, 4282
 marketing research reports, 44-51, 1589-90, 3758-59, 6754-60, 8148, 9822, 11356-359, 12607-609, 14140-144, 15448-449, 16928-930
 markets in change, 11863
 orderly liquidation of stocks of agricultural commodities held by Commodity Credit Corporation and expansion of markets for surplus agricultural commodities, 3761
 packaging produce at central warehouse, 1589
 perishables, CCC shipments, reducing costs, GAO report, 13375
 Peru, market and competitor for U.S. farm products, 13265
 price supports, active and announced programs, 2638
 prices, expressing congressional policy, report, 11770
 prices, 1965 annual summary, 12541
 producers—
 authorizing associations, amend act, hearings, 13190
 marketing act of 1966, hearings, 16168
 production research reports, 3767, 9835, 11366-367, 14150, 15477
 promote international trade, extend public law 480, etc.—
 hearings, 11785
 reports, 10175, 10219, 14467, 15927, 17338
 publications, price list, 5100
 purchase reports, 3434
 reserve stocks, maintain, hearings, 8645, 11785
 roadside stand, building plans, 15455
 sale under Public law 480 to countries trading with North Vietnam—
 hearings, 13152, 14471
 law, 15735
 report, 17216
 sales reports, 3490
 scholars discuss problems of price fixing, USSR study, 4653
 storing processed commodities on daily-rate basis, Commodity Credit Corporation GAO report, 6015
 tropical products, foreign agriculture circulars, 2987
 vegetable products, trade and tariff information, summaries, 14045
 world agricultural production and trade, statistical report, 3715
 world agricultural situation, 1965 and 1966 outlook, 4286
see also Agricultural processing—Agriculture—Markets and marketing.

Agricultural Research Laboratory, University of Tennessee, research progress reports, 6858, 11431

Agricultural Research Service:
 appropriations, 1967, Agriculture Dept., hearings, 8648, 11787
 ARS series, 8-12, 1574-75, 3726-35, 5264-71, 6709-14, 8124-32, 9772-90, 11337-338, 12579-585, 14100-113, 15434
 guide to work simplification, 6708
 popular series publications, degree of need by State extension services, results of surveys, 9795
 scientific careers—
 agricultural engineering research, 1592
 animal disease and parasite research, 53
 soil and water conservation research, 1591

Agricultural science review, 2652

Agricultural situation, *see* Agriculture.

Agricultural situation (periodical), 2653

Agricultural Stabilization and Conservation Service:
 administrative problems, hearings, 10226
 appropriations, 1967, Agriculture Dept., hearings, 8648, 11787
 ASCS background information BI series, 6720-37, 9800-2
 commodity offices, where they are, what they do, 6726
 dairy program, 6737
 defense activities, 6729
 disaster assistance available, 6734, 9802
 employees, extend certain benefits to, hearing, 7233
 general information, 6720, 9800
 peanut programs, 6731
 press releases, 3341
 production adjustment programs, 6724
 purchase reports, 3434
 rice programs, 6736
 sales reports, 3490
 tobacco programs, 6730
 wool and mohair programs, 6735

Agricultural statistics, *see* Agriculture.

Agricultural supplies, Federal item identification guides for supply cataloging, supplements, 2937

Agricultural trade development and assistance act of 1954:
 activities under, 1965 annual report, 14383
 amend, hearings, 7107, 8645
 print additional copies, reports, 17278, 17544
 commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 480, precautions taken for protection, Agriculture Dept., GAO review, 14737
 expedited signing of agreements under title 1, State Dept., Agency for International Development, Agriculture Dept., GAO review, 8995
 extend, etc.—
 hearings, 11785
 reports, 10175, 10219, 14467, 15927, 17338
 food for freedom act, achievements under Public Law 480 (address), 9810
 food for peace, newsletter about activities under Public Law 480, 2983
 Library of Congress Public law 480 project—
 accessions list—
 India, 3059
 Indonesia, 3062
 Israel, 3093
 Middle East, 3195, 4742
 Nepal, 9347
 Pakistan, 3311
 American Book Procurement Centers, Karachi and Dacca, annual list of serials, 17820
 newsletter, 3148
 ocean transportation costs of donated surplus agricultural commodities, under titles 2 and 3, GAO report, 7472
 sale of agricultural commodities to nations trading with North Vietnam—
 hearings, 13152, 14471
 law, 15735
 report, 17216

Agricultural workers, *see* Farm labor.

Agriculture:
 Africa and west Asia situation, 1965 review and 1966 outlook, 8834
 agricultural act of 1949, amend—
 hearings, 8647, 15951
 laws, 423, 11560
 reports, 1829, 11618, 17208
 agricultural adjustment act, amend—
 laws, 423, 11560
 reports, 1829, 10222, 11765
 agricultural/biological subject category list, 7905

INDEX 1966

Agriculture—Continued

- agricultural cooperation, pioneer to modern, 14591
- agricultural development, role of Inter-American Development Bank, hearing, 17366
- agricultural economic reports, 5863-64, 10408-411, 11861-863, 13261-263, 16224, 17615-616
- agricultural economics periodic reports, list, 3765
- agricultural economics research (periodical), 2647
- agricultural economies of dependent territories in Western Hemisphere and Puerto Rico, 4285
- agricultural exemption for-hire motor carriers comparison with regulated motor carriers, 16929
- agricultural marketing agreement act, amend, hearings, 5793
- agricultural outlook digest, 2649
- agricultural policy (address), 3741
- agricultural prices (periodical), 2650
- agricultural raw materials for industrial use, 8124
- agricultural research (periodical), 2651 index, v. 4-6, 1955-58, 6
- agricultural science review, 2652
- agricultural situation (periodical), 2653
- Agricultural Stabilization and Conservation Service programs important to farm economy (remarks), 6738
- agriculture handbooks, 28-29, 3743-45, 5283-86, 8142-43, 9811-14, 11346-348, 12592-596, 14130-113, 15440, 16919-921
- agriculture information bulletins, 30, 1582, 3746, 5287, 6740, 8144, 9815, 11349, 12597-598, 14133, 15441, 16922
- agronomic studies of phormium in western Oregon, 14150
- air pollution as related to agricultural development (paper), 13956
- aircraft operations, Federal aviation regulations, 10465-467, 17648
- American responsibility for world progress in war on hunger (address), 9507
- balance sheet, 15441
- bibliographies and lists available, 15204
- bibliography, 2704
- Bulgaria's agricultural economy in brief, 627
- census, 1964, preliminary reports, 2736
- census publications, price list, 5101
- century in charts and tables, 12596
- changes in 26 developing nations, 630
- changing conditions (address), 5281
- child labor, requirements of fair labor standards act, 11309
- Chinese prior to 1949, publications, list, 17935
- classification, Library of Congress, 1100
- code of Federal regulations, 7385-92, 5943-44, 8905-6, 10483-484, 11931
- coming decade in agriculture (address), 31
- Communist China—
 - agricultural regions in mixed agro-pastoral realm of Kansu and Tsinghai, preliminary research, 12117
 - translations, 3595
- Cyprus' agricultural economy in brief, 14544
- decisions, 2654
- East European, translations, 3601
- electrical load growth, mathematical equations to determine need, USSR study, 7613
- Europe and Soviet Union situation, mid-year review, 14545
- European, agricultural guidance and guarantee fund, 11864
- extension work laws, compilation, 12847

Agriculture—Continued

- Far East—
 - and Oceania situation, midyear review, 14546
 - mainland China, Oceania agricultural situation, 7291
- farm legislation, 1933-62, price support directed or authorized, 6727
- finance outlook, 620
- finance review, supplement, 5665
- Finland, agricultural economy, 17617
- food and agriculture, a look ahead, statistical supplement, 7296
- food and agriculture act of 1965—
 - law, 423
 - new, flexible, versatile food and farm bill for rural America (remarks), 5297
 - questions and answers relating to consumers, 36
- food costs, farm prices, compilation, 13012, 15954
- foreign agricultural economic reports, 630, 4286, 7293-94
- Foreign Agricultural Service, miscellaneous FAS-M series, 2054-55, 4432, 5970, 8948, 10551, 11989, 13352-354, 16319, 17680
- foreign agriculture (periodical), 2986
- foreign agriculture circulars, 2987
- foreign agriculture economics, 626-627
- foreign agriculture publications, price list, 5100
- foreign agriculture reports, 8950, 13355
- foreign aid program for 1967, new initiatives, 9053
- front and center (address), 14128
- full parity of income—
 - adequate size family farming operation (statement), 14158
 - farming operations (address), 14122
- future international meetings, world list, 3716
- handbook of agricultural charts, 16921
- improving production and progress in developing countries (address), 11345
- increasing agricultural production in developing nations (remarks), 14153
- information staffs in State land-grant colleges and universities, 5926
- international agricultural development, monthly newsletter to cooperators, 3073
- Japan, agricultural statistics, collection, 18128
- Jordan's agricultural economy in brief, 8831
- key element in securing better, peaceful lives for people everywhere (address), 9805
- Libya's agricultural economy in brief, 8832
- liming soils, aid to better farming, 15442
- losses, errata, 9812
- marketing challenge (address), 9816
- mechanizing, scientific research, 10781
- miscellaneous, hearings, 4118
- national economic situation and outlook for 1966 (talk), 4288
- North American, plant pests of importance, index, 11346
- producers associations, unfair practices affecting, hearings, 13190, 16168
- production adjustment, ASCS programs, 6724
- production indices, Asia and Oceania, 5868
- program in rural community action, 10399
- programs, farmer committee administration, 6725
- promotional activities of agricultural groups, 1590
- proposals in agricultural policy and implications to Marketing Divisions of State Departments of Agriculture (statement), 4233

Agriculture—Continued
research—

current tasks, Rumanian study, 12118
proposed reductions, hearings, 4120
symposium, 15480
resources, aerial methods in mapping,
USSR study, 2206
scientific cultivation of agricultural plants,
Rumanian study, 14917
scientific symposium on toxicology and hy-
giene of toxic chemicals used in agri-
culture, USSR study, 967
significant progress since 1960, report and
review statement, 14154-157
State departments, 1965 directory, 590
statistical summary, 3539
statistics, 3742
story of progress (remarks), 3747
survey, data from 1960 sample, merchant
and dealer credit, 8923
Tennessee Valley Authority, 1965 develop-
ment, 6670
toxic chemicals used in Soviet agriculture,
2229
United Arab Republic development, Soviet
review, 16416
United States, background facts, 6752
USSR—
agricultural science developments, 6191
and Eastern Europe agricultural situa-
tion, 7290
new directions in Soviet economy, 12845
translations, 3612
vocational and technical education, objec-
tives, 4315
water management in India, 10683
West Asia, 5867
Western Europe, 1965 situation, 1965 re-
view and 1966 outlook, 8833
Western Hemisphere, situation, 1965 re-
view and 1966 outlook, 8835
world agricultural production and trade,
statistical report, 3715
release date announcement, 4433
World Farm Center, endorse concept, re-
port, 17285
world situation, 1965 and 1966 outlook,
4286
yearbook, 1966—
departmental edition, 16940
document edition, 17160
see also Farmers cooperative organiza-
tions—Farms—also headings beginning
Agricultural—Farm.
agriculture and Forestry Committee, Senate :
calendar, 3130
hearings, 4210, 5793-95, 8761-62, 11784-
786, 13190-191, 14505, 16168-169,
17564-565
reports, 566, 1909, 8737-38, 8740, 11765-
766, 11768, 11770, 13133, 13146, 14467,
16152-153, 17462-463, 17557-558
agriculture Committee, House :
calendar, 3111
committee prints, 5680, 7109-10, 13012,
14407, 15954
hearings, 4117-19, 7106-8, 8645-47,
10226-227, 11635-640, 13009-11, 14403-
406, 15951-953, 17354-356
investigations and studies—
authorization, reports, 8636, 12912
expenses, report, 4102
reports, 495, 1829, 7080, 8594, 8604,
10167, 10172, 10175, 10221-222, 12918,
12942, 12983, 12985, 14398, 15912,
15916, 17183, 17206-208, 17231, 17270,
17281, 17283, 17285, 17315
agriculture Department :
Alaska Agricultural Experiment Station,
transfer to University of Alaska, report,
17462
appropriations, 1966—
law, 418
report, 498

Agriculture Department—Continued
appropriations, 1967—

amendment, 13068
hearings, 7112, 8648, 11787, 14471
law, 15735
reports, 8614, 13152, 17216
ARS-USDA popular series publications,
degree of need by State extension Ser-
vice, 9795
beef carcass evaluation service, 13232
budget, separate accounting for various
kinds of programs—
hearing, 17565
report, 17558
commodity distribution program, 15470
communicating range of its programs, etc.,
to public (address), 1610
consumer expenditure survey reports, 25-
26, 1577-79, 5277, 6718, 8139, 9796-99,
11342-343, 12588-90, 14117-118, 15438
cooperative State Federal nutrition pro-
gram, establish, hearings, 13010
cost reduction program (remarks), 9837
expedited signing of agreements under
title 1 of agricultural trade develop-
ment and assistance act of 1954, GAO
review, 8995
field staff, Foreign Service list, 2992
films for television, 9823
in house of science there are many
mansions (address), 3754
institutional meat purchase specifications
approved—
fresh beef, 17600
fresh pork, 7242
portion-cut meat products, 4232
interest in bargaining cooperatives (re-
marks), 5289
land exchanges, cash equalization, hear-
ing, 11640
leaflets, 41-43, 1587-88, 3755-57, 5292,
6750-52, 8147, 9821, 11354-355, 12604-
606, 15446-447, 16926-927
marketing bulletins, 6753, 14139
marketing research reports, 44-51, 1589-
90, 3758-59, 6754-60, 8148, 9822, 11356-
359, 12607-609, 14140-144, 15448-449,
16928-930
meat inspection procedures manual, 7244
meat inspection regulations, 1955, 16203
milk and school lunch special programs,
administration, review, hearing, 7106
miscellaneous publications, 52-57, 1591-
95, 3760, 5293-94, 6761, 8149-51, 9823-
24, 11360-362, 12610, 14145-146,
15450-456, 16931-934
ocean transportation costs for surplus agri-
cultural commodities donated under
titles 2 and 3, agricultural trade develop-
ment and assistance act of 1954, GAO
report, 7472
opportunities for doctors of veterinary
medicine, 14145
outdoor recreation for fun and profit,
USDA helps expand, 16939
PA [program aid] series, 58-63, 1596-
1602, 3762-64, 5295, 6762-75, 8152-65,
9826-32, 11365, 12611-612, 14147-149,
15457-460, 16935-939
policies, etc., applied in evaluating foreign
source components and barter bids for
undersea cable communications system,
GAO report, 4506
precautions taken to protect dollar sales of
agricultural commodities to foreign
countries purchasing same type com-
modities for foreign currencies under
Public law 480, GOA review, 14737
press releases, 3342
production research reports, 3767, 9835,
11366-367, 14150, 15477
programs and services, you too can get
help, 1601
programs for expanding rural community
leadership (remarks), 5296

INDEX 1966

Agriculture Department—Continued
 publications and motion pictures, bi-monthly list, 2706
 publications available, list, 6054
 registered agricultural pesticide chemicals, summary of uses, supplement, 5276
 regulatory and enforcement activities relating to small business, hearings, 15990
 research, proposed reductions, hearings, 4120
 research roundup, 3766
 role in resource conservation, 15460
 screw-worm eradication in Mexico, authorize Secretary of Agriculture to cooperate with Mexican Government—
 hearing, 16169
 law, 15711
 reports, 10172, 13133
 service, USDA's report to consumers (periodical), 3514
 services, consumer's guide, 15451
 South Building, etc., safety conditions in storage areas, GAO review, 8999
 statistical bulletins, 64-66, 3771, 6779-81, 8167-68, 9840-41, 11368, 12614-615, 14161, 15748-749, 16941
 technical bulletins, 67, 1609, 3772, 5298, 6783, 8169-72, 11369, 14162-164, 16942-943
 USDA employee newsletter, 3655
 USDA grades, how to use in buying food, 16936
 water research laboratory, establishment at Durant, Okla. (remarks), 3769
 what it can do when natural disaster strikes, 8154
 year-round fun on farm and forest provided, publications list, 6775
 Agrippa, AIC 60 D, lunar chart, 88
 Agropyron spicatum, *see* Wheatgrasses.
 Agullana, Margarita L., relief, 16026
 Ahnfeldt, Arnold L., radiology in World War II, 16969
 Al Ja Kim, *see* Ast, Kathryn C.
 AIAA, *see* American Institute of Aeronautics and Astronautics
 AIB series, 30, 1582, 3746, 5287, 6740, 8144, 9815, 11349, 12597-598, 14133, 15441, 16922
 AID, *see* International Development Agency.
 Aid to families with dependent children, *see* Children—Families—Public assistance
 Aids to navigation, *see* Navigation
 Air:
 brazing retort manifold design concept may minimize air contamination, 15101
 elimination of nitrogen and its replacement by helium, analysis of effect on chick embryos, 978
 helicopter—induced air exchange over Thule AB, Greenland, dissipation of warm fog, experiments, 118
 injection through slots and porous surfaces on flat-plate, effect on turbulent skin friction at Mach 3, 7846
 oxygen-enriched, methane products burned in thermodynamic, transport and flow properties, 17891
 radiant energy transfer measurements, 16601
 radiation tables, spectral distribution functions for molecular band systems, 15060
 surcharge effects on bearing capacity of soft cohesive soils, 8863
 thermally ionized, electron attachment to fluorine in, 12274
see also Air pollution—Atmosphere—Atmospheric pressure—Compressed air.
 Air almanacs, *see* Almanacs.
 Air bases, technical inspection and control group at field airbase, USSR study, 12167
 Air blasts:
 biological tolerance, and related biomedical criteria, 144
 Isthmian Canal studies, safety evaluation, 155

Air carriers:
 accidents—
 involving in-flight turbulence, 1960-63, study, 1742
 statistical review and resume, 15614
 air transport of California strawberries, factors affecting market quality, 1965
 summer shipments, 12609
 air travel to and in U.S. should be fostered (remarks), 285
 airline industry, CAB point of view (remarks), 9979
 airline statistics handbook, 6946
 airline transport pilot, written examination guide, 8945
 analytical charts and summaries, including supplemental air carrier statistics, 2655
 cargo service development, etc. (remarks), 15618
 certificated—
 accounts and reports, uniform system, 3637, 6948
 Alaska routes, map, 3951
 local service, U.S. transportation system routes, map, 3960
 route airport activity statistics, 8378, 12737
 trunkline, U.S. transportation system routes, map, 3961
 U.S. cargo, domestic, international, and overseas routes, map, 3962
 certification and operations, Federal aviation regulations, change, 2007, 4357-58, 5920, 7355, 8884-85, 14609-610
 Federal regulation (remarks), 286
 financial statistics—
 quarterly and 12-month, 2656
 supplement, 2655
 foreign air transportation, regulate rates, etc., hearings, 1862
 foreign operations, Federal aviation regulations, changes, 4359, 10464
 foreign, routes to U.S. authorized under permit—
 Eastern Hemisphere countries, map, 3957
 Western Hemisphere countries, map, 3958
 freight transportation, development, etc. (address), 15611
 improved service (remarks), 6951
 improvement in air transportation system, etc. (remarks), 11489
 international and overseas routes, map, 3952
 labor dispute, settlement, hearings, 13225, 14428
 local service industry review, hearings, 13201
 local service, unit costs, 3954, 11487
 corrections, 6947, 8380
 multiplicity of special airline fares, why and wherefore thereof (remarks), 8377
 new flight equipment, carrier earnings, and public service (remarks), 287
 passengers originating at cities on local-service routes, letters to mayors, 3578
 regional air cargo workshop (remarks), 14286
 scheduled, helicopters, certification and operations, Federal aviation regulations, changes, 2008, 14611-612
 strike impact on defense posture, hearing, 14411
 subsidy for United States certificated air carriers, 1744
 supplemental—
 inclusive tours, CAB special regulations, 8382, 14288
 terms, conditions, and limitations of certificates to engage in air transportation, CAB economic regulations, 6945, 14284

Air carriers—Continued
 temporary international route authority—
 hearing, 13199
 report, 14463
 traffic statistics—
 monthly and 12-month, 2657
 supplement, 2655
 transport services, agreements with—
 Canada, 12528
 Greece, 12532
 transportation—
 and constant economic improvement for
 public at lower prices (remarks),
 15617
 dangerous articles and magnetized ma-
 terials, Federal aviation regulations,
 691
 change, 14608
 international tourism and economic de-
 velopment (remarks), 15612
 U.S.-international air transportation,
 strengthen, report, 16105
 trunkline suspensions and deletions at
 points served by local service carriers,
 historical review, 1949-65, supplement,
 9980
 United States carriers, list, 5506, 14285
 Air commerce, *see* Aeronautics.
 Air conditioners, U.S. Air Conditioners and
 Dehumidifiers Show, July 22-30, 1965,
 U.S. Trade Center, Tokyo, Japan, regis-
 tered visitors, list, 10021
 Air conditioning:
 equipment—
 current industrial reports, 5472
 Federal item identification guides for
 supply cataloging, supplements, 2935
 industrial plant handbook, 17606
 Air conditioning mechanics, *see* Mechanics
 (persons).
 Air controlman, *see* Airport control tower
 operators.
 Air crews, *see* Flight crews.
 Air-cured tobacco, *see* Tobacco.
 Air cushion vehicles, performance testing
 on Greenland ice cap, 9890
 Air defense artillery engagement simulator
 (Nike Hercules), 5346
 Air defense artillery weapons systems, quali-
 fication program, 12653
 Air drop operations:
 airdrop of supplies and equipment, 6845,
 8266-68, 9909-10, 11407, 15517-518,
 16965
 loading environment and related require-
 ments for platform rigged airdrop ma-
 teriel, military standard, 7265
 Air filters, *see* Filters and filtration.
 Air Force:
 Air Force/industry data management sym-
 posium, Sept. 28-30, 1965, proceedings,
 3791
 Air Force writing (periodical), 2660
 Air Staff, organization chart, 2662
 airman, official journal, 2669
 airman jobs, evaluation by 4 categories of
 raters, 16950
 airman qualifying examinations—
 comparison with differential aptitude
 tests, 15488
 general aptitude index, use for estimat-
 ing reading ability level, 8199
 airmen, pay, allowances, retirement, etc.,
 guide, 5311
 civil engineer (periodical), 2658
 civilian careers, from quadrangle to Pen-
 tagon, 6800
 close air support in Vietnam—
 hearing, 4121
 report of Special Subcommittee on Tac-
 tical Air Support, 4122
 decorations, service awards, etc., manual,
 6792
 depot, field and organizational mainte-
 nance, management, manual, 11370

Air Force—Continued
 enlisted personnel, relief, report, 547
 glaucoma policy, 6812
 instructors' journal, 3067
 job inventory and tryout of task rating
 factors, 6808
 librarians, employment, 14173
 libraries, buying calendar for annual pub-
 lications, 3778
 male nurses and medical specialists, Regu-
 lar Air Force commissions, authorize—
 law, 15776
 reports, 12991, 17494
 munitions, status, hearings, 10324
 officer career attitudes, multiple linear re-
 gression analysis, 3790
 officer evaluation system survey, attitudes
 and experience, 6805
 officers—
 grade requirements project, job descrip-
 tions, etc. 6806
 leadership, 14167
 pay, allowances, retirement, etc., guide,
 3789
 provide promotion opportunities—
 law, 15773
 reports, 15839, 15860, 16128
 rater differences in effectiveness reports,
 preliminary investigation, 90
 research opportunities, 5324
 selection and classification tests, 1966,
 development, 15487
 Pacific, PACAF basic bibliographies, 1619,
 5319-22, 6804, 11377, 12627
 personnel, retired, guide, 5308
 planning and conducting on-the-job train-
 ing, guide, manual, 15482
 procurement instruction, revisions, 2659
 propulsion units, logistics management,
 manual, 6791
 publications, price list, 15266
 reading improvement training, manual,
 12616
 recruiting service group enlistment ob-
 jectives based on aptitude and interest
 characteristics, 6807
 register—
 departmental editions, 5309-10
 document editions, 5602-3
 report to our shareholders, 14197
 research resumes, 3787
 scientific research, 1959 bibliography,
 3773
 strategic, tactical, and defensive power,
 101
 tactical air operations and readiness hear-
 ings, 13196
 Thunderbirds, world's first supersonic
 precision aerial demonstration team fly-
 ing North American F-100 Super Sa-
 bres, 6817
see also Retired officers, etc.
 Air Force Academy, Colo.:
 assembly, 1966, final report, 14165
 cadets, class of 1966, predicting 1st year
 achievement, 8198
 cadets, incoming, periodontal status, 15493
 candidates for appointment, selection,
 amend U.S. code—
 law, 17137
 reports, 12937, 16164
 catalog, 8174
 instruction, persons from countries
 friendly to U.S., permit, report, 17508
 Air Force Cambridge Research Laboratories:
 geophysics and space data bulletin, 3021
 research management functions, survey,
 GAO report, 6026
 Air Force Department:
 AAL technical reports, 76-82, 3780-83,
 5312-15, 6797-99, 9857-60
 administrative military aircraft, savings
 through improved utilization of space,
 GAO report, 14731
 AFOSR series, 3773

INDEX 1966

Air Force Department—Continued

Air Force manuals, 68-70, 1612-17, 3774-76, 5300-7, 6785-92, 8175-88, 9844-56, 11370-374, 12616-622, 14167-172, 15482-484, 16944-947
 Air Force pamphlets, 71-75, 1618, 3777-79, 5308, 6793-95, 8189-92, 12623, 14173-177, 15485-486
 aircraft engines, management in ground training programs, GAO follow-up review, 16343
 AMD technical reports, 5299, 15481
 appropriations, 1967, military construction, hearings, 11642
 careers for civilians, scientists, engineers, etc., 15485
 contractors, use of chemical milling inventions, GAO review, 7478
 ESD technical documentary report, 3784
 ESD technical reports, 83, 3785-86, 5317, 6801, 8193-94, 9861, 16949
 lunar charts and mosaic series, 84-89, 6802, 8195-97, 14179-182, 14186-187
 management of selected time compliance technical orders requiring modifications to engines for F-100 aircraft, GAO report, 14725
 OAR series, 3787-88, 12626
 per diem payments to military personnel, improved controls, GAO report, 13377
 Personnel Research Laboratory, technical reports, 90, 3790, 6805-8, 5323, 8198-8200, 14183-184, 15487-488, 16950
 pricing of recorders purchased from Midwestern Instruments, Inc., GAO report, 6020
 procurement of thrust vector control nozzles for Minuteman missile program, GAO report, 17709
 RADC technical report, 8201
 rebuilding used motor vehicle tires, savings that can be attained, GAO report, 12008
 recovery of needed parts from excess aircraft engines, GAO report, 10624
 research management functions, survey, Air Force Cambridge Research Laboratories, GAO report, 6026
 specialized transportation equipment, savings through buying rather than leasing, GAO report, 8989
 supply management at Eastern Test Range—
 hearings, 4123
 subcommittee report, 5685
 technical orders, 11375, 16948
 Air Force Medical Service digest, 3638
 Air Force Office of Scientific Research, AFOSR series, 3773
 Air Force Reserve:
 air reservist (periodical), 2661
 officers, active duty retirement benefits, GAO report, 13378
 Air Force supplies, *see* Military supplies.
 Air Force Systems Command:
 manuals, 6796, 12624
 pamphlet, 14178
 research and development, guide for design, conduct, and analysis of Air Force tests, pamphlet, 14178
 system program management procedures, manual, 12624
 systems engineering management procedures, manual, 6796
 Air frames, *see* Airframes.
 Air freight forwarders, *see* Freight forwarders.
 Air gaps, efficiency of charges, USSR study, 6155
 Air inlets (aircraft):
 additive drag coefficient and mass-flow ratio utilizing right circular cones, 11061
 open nose, semicircular, mass-flow rates and total-pressure recoveries, 7830
 splitter plates for aerodynamic separation of twin inlets, 7892

Air layering, sugar maple, 4470

Air lines, *see* Air carriers.

Air lock, expandable, using elastic recovery principle, research, 4811

Air mail:

 international, 11-cent postal card, 9615
 overseas Armed Forces and other Government personnel mail—
 hearings, 7157, 11827
 report, 7094
 overseas Armed Forces, provide better service, reports, 17284, 17475

Air mass, forest-fire danger as related to airmass in Ouachita Mountains, 4456

Air movement of Fleet Marine Force units, 13654

Air National Guard, air reservist (periodical), 2661

Air navigation:

 navigation aids in Soviet civil aviation, 13456
 navigator (periodical), 3252
 non-Federal facilities, FAA regulations, 8888
 TACAN systems course, electronics technician, class C, trainee's guide, 15249
 VORTAC tone control equipment, maintenance, FAA handbook, 7349
 see also Aeronautics.

Air pilots, *see* Aviators.

Air pollution:

 acid vapor determination in PPM range, 6546
 adequacy of technology for pollution abatement—
 hearings, 17394
 report, 13060
 aeroionotherapy experiment, and air contamination study, USSR, 897
 air pollution and industrial poisons, USSR studies, 898
 air resource management—
 concept, application in southwestern Ohio-northern Kentucky survey (talk), 9622
 plan for Nashville metropolitan area, 6577
 and oil industry (remarks), 7511
 atmospheric emissions from coal combustion, inventory guide, 13961
 automotive, clean air act, report of HEW to Congress, 7172
 print as Senate document, report, 7190
 automotive, semiannual report of HEW to Congress, print as Senate document, report, 13172
 clean air act, amendments—
 hearings, 13228, 15982
 law, 396
 description, 2107
 reports, 11782, 15946, 17295
 text, 13049
 clubwomen accept the challenge (address), 15270
 comparative method for studying costs, 15275
 conservation report reflects national concern, 1411
 control, programs—
 appropriations, authorize—
 hearings, 13228, 15982
 reports, 11782, 15946, 17295
 automobile crankcase ventilation systems, performance, 15293
 pollution from Federal installations, Executive order, text, and standards, 11181
 research, law, 396
 staff study, print additional copies, report, 7195
 environmental health series, 6577, 13961
 films, 11180

- Air pollution—Continued
forecasting potential, PHS advisory service, 11182
odor, community surveys and evaluation (paper), 15274
preserving our natural heritage, message from the President, 5612
problems, USSR studies, 7561
related to agricultural and industrial development (paper), 13956
Roosevelt Field, Nassau County, N.Y., Jan.-Feb. 1964, measurements, 7989
Soviet studies, 968
studies, progress report of Organic Chemistry Section, 1299, 17944
time for action (address), 15271
we can help clear the air, Jaycee community action program, 15311
whose problem? (paper), 1412
- Air raid shelters:
creation of fallout shelter through slanting and cost reduction techniques, 14291
thermal environment in shelters, evaluation, 12467
- Air raids, defense, agreement with Canada, 9725
- Air reservist (periodical), 2661
- Air routes, *see* Airways.
- Air safety, *see* Safety of life.
- Air service, *see* Aeronautics.
- Air space utilization, *see* Air traffic.
- Air speed:
approach speed, application of criteria derived from closed-loop pilot-vehicle systems analyses to ogee wing aircraft, 15072
attainment of high lift-drag ratios at hypersonic speeds, errata, 1245
ground effects on single- and multiple-jet VTOL models at transition speeds over stationary and moving ground planes, 4955
- hypersonic—
laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
maximum lift-drag ratios of slender wing-body configurations, geometric modifications, effects, 7829
supersonic, roughness drag, 16669
transonic speeds, pressure distributions on ogive cylinder, 15148
- Air support, 10894
- Air traffic:
activity, FAA report, 1965, calendar year, 5913
air carrier statistics—
monthly and 12-month, 2657
supplement, 2655
control—
facility operation, change, 3802, 6818, 11386, 16951
Federal Aviation Agency operations, hearings, 11658.
in these hands, 16268
lateral separation procedures, changes, 3801
procedures, changes, 2663
radar research task, development and evaluation, 9937
Servo-altimeter displays, evaluation, final report, 7975
enroute IFR survey, peak day, 10455
navigable airspace, objects affecting, Federal aviation regulations, change, 14606
patterns for IFR and VFR aviation, 10454
security control, FAA regulations, 5919
- Air traffic controllers, trainees, anthropometry, 6874
- Air Traffic Service:
air traffic control trainees, anthropometry, 6874
communications procedures, handbook, change, 1629
service A weather schedules, ATS handbook, 9879
changes, 104, 6819, 16953
Air transportation, *see* Aeronautics—Air carriers—Transportation.
- Air University Library, index to military periodicals, 2664
- Air University review, 2665
- Air warfare:
air support, Fleet Marine Force manual, 10894
close air support—
hearing, 4121
subcommittee report, 4122
special tactics, 6785
Vietnam, tactical and operational problems, 2275
- Airbases, *see* Air bases.
- Airborne particle size analysis, composite bibliography, 12680
- Aircraft:
agricultural operations, Federal aviation regulations, 10465-467, 17648
air support, Fleet Marine Force manual, 10894
aircraft and aircraft engines, current industrial reports, 2817, 12712
aircraft and related products, identification and registration marking, Federal aviation regulations, changes, 5918, 14601
airworthiness, FAA directives, 2671
biweekly, 2903
alterations, acceptable methods, techniques, and practices, 8944
and parts, census of manufactures, 1963, industry statistics, 6913
- Army—
automated cargo delivery systems, cost, etc., evaluation, 14233
fundamentals of electricity, 8271
grounded because of lack of required repair parts, GAO report, 805
bird vs. aircraft, 7439
ceramics as structural materials, 17883
certification procedures for products and parts, Federal aviation regulations, 686, 4354, 5917, 7350, 16258
civil aircraft register, 8889, 16270
Coast Guard, authorization for procurement, 1967—
hearings, 5700, 10332
law, 7045
reports, 5675, 7187
company operated and chartered, charges to defense contracts, GAO report, 13379
components and accessories, Federal item identification guides for supply cataloging, supplements, 2940
configurations with canard controls, hypersonic aerodynamic characteristics, 9515
control surfaces, delta-planform canard, divergence characteristics, 7898
decontaminating, practice guide, 14684
Defense Dept. military procurement appropriations, 1966, report, 17198
dynamics in unsteady flight, analytical study, 3837
emergency procedures over water, 2666
F11B program, hearings, 17357
Federal item identification guides for supply cataloging, supplements, 2940
freighting and rescue operations, Army technical manual, 15515
flight investigation of aerodynamic properties of ogee wing, 2407
flight vehicle structures, metallic materials and elements, change, 615

Aircraft—Continued
 general aviation—
 inspection aids, summary, 16266
 study and 1975 forecast of fleet and its use, 16267
 general operating and flight rules, Federal aviation regulations, 8881-83, 16263
 changes, 690, 4356, 7354, 13309
 IFR altitudes, Federal aviation regulations, 14607
 insignia, recognition, identification guide, 13901
 inspection aids, general aviation, 3017
 inspection and repair, acceptable methods, etc., 10541
 jet, noise near airports, alleviation, report, 11214
 land use planning with respect to noise, Air Force manual, 9850
 landing and takeoff noise, land exposed, optimum use, study, 7732
 large, airworthiness directives, summary, 3554, 10470
 large, commercial operators, certification and operations, Federal aviation regulations, 7355
 changes, 2007, 4357-58, 5920, 8884-85, 14609-610
 lateral separation procedures, changes, 3801
 Mach 3 commercial supersonic transports, potential of liquid-methane fuel, 12352
 maintenance, preventive maintenance, rebuilding and alteration, Federal aviation regulations, 7351, 8877-78, 14600, 17646
 maneuver load fatigue test results, programming techniques and load factors influence, 4913
 manned, low-speed tests of 50°-swept parawings, 15144
 manufacturing occupations, employment outlook, 9292
 military administrative, savings through improved utilization of space, Air Force Dept., GAO report, 14731
 military FAA use of available parts, GAO report, 8985
 military procurement, appropriations, 1966, supplemental—
 hearings, 5797, 7117
 law, 7031
 reports, 5666, 5757, 7079, 7083
 military procurement, appropriations, 1967—
 hearings, 8766, 10232
 law, 11593
 reports, 8644, 8744, 12930
 military, transportation of dangerous materials, Air Force manual, 8175
 military, United States recognition identification guide, 11158
 ogee wing, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
 ordnance lubricants, icing resistance, factors affecting, 2500
 performance, calculus of variations applications, 10965
 physiological effects of 18-hour flight, 12642
 pilot describing function measurements in multiloop task, 15052
 recognition, evaluation of tachistoscopic and WEFT techniques, 5069
 registration, Federal aviation regulations, 8879
 rotary wing, exploratory development, progress reports, 1634, 3813, 5342-43, 6827, 9885
 small, airworthiness directives, summary, 3555, 10471
 supersonic, airframe-engine integration aerodynamics, 13805

Aircraft—Continued
 supersonic transport—
 fatigue behavior of material for wing structure, 1190
 transonic aerodynamic characteristics of tailless fixed-wing model, 7810
 supersonic transport crews, potential roles and implications for flight deck, 17872
 supplemental type certificates—
 and approved replacement parts, summary, supplements, 3563
 summary, 5966
 swept wing-body model, wing leading-edge shape effect on aerodynamics characteristics, 16691
 technology advances (address), 9551
 thunderstorm water content measuring, equipment, data obtained, etc., 15421
 titles and security documents, recording, Federal aviation regulations, change, 7352
 trajectories, minimum time between 2 points in range-altitude space, 17882
 Tu-144 supersonic, USSR, comments, 16484
 type certificate data sheets and specifications, 2668
 use for zero-gravity environment, 9517
 V/STOL—
 and STOL, NASA Conference, Moffett Field, Calif., 9447
 four duct tandem, stability and control characteristics, flight investigation, 9502
 on-off control under visual conditions, 11063
 tilt wing transport, powered 1/6-scale model, static and dynamic longitudinal stability derivatives, 16670
 tilting ducted fans arranged in dual tandem configuration, longitudinal and lateral-directional aerodynamic characteristics, 12361
 transport, flapped tilt-wing 4-propeller, longitudinal aerodynamic characteristics, 6424
 VTOL—
 blast controlling platform, design and development, feasibility study, 4335
 jet-induced lift losses—
 configurations hovering in and out of ground effect, 6415
 hovering condition, 11062
 nozzles designed for downwash suppression, exhaust jet wake and thrust characteristics, 4828
 semispan tilt-wing, ground effect on full-span flaps used for yaw control in hovering, 11064
 wake turbulence, advisory circular, 2011
 war risk insurance, extend authority until 1970
 law, 11556
 reports, 10315, 11622
 wing-body combinations, aerodynamic center combinations, 16662
 wing-body-tail model, wing planform effects on aerodynamic characteristics at Mach numbers from 1.70 to 4.63, 2412
 XV-9A hot cycle research—
 component testing, 3836
 ground and flight tests, 8272
 program, summary report, 14232
 see also Airplanes—Fighter planes—
 Flight—G l i d e r s (aircraft)—Sonic boom—Stall (aircraft)—also names of aircraft parts, e.g. Air inlets (aircraft)—Engines (aircraft)—Propellers—Wings (aircraft).
 Aircraft accidents:
 air carriers, statistical review and resume, 15614
 bird vs. aircraft, 7439
 civil aviation, summary reports (periodical), 3565
 crashes, predominant causes and recommended therapy, 15554

Aircraft accidents—Continued
 gas turbine powered MB-5 firefighting and rescue vehicle, 6539
 general aviation, small fixed-wing aircraft, briefs (periodical), 2711
 head and face injury potential of airline seats during crash decelerations, 14243
 human factors, 16984
 investigation reports, 282, 3950, 11485-486, 12735-736
 physician flight accidents, 15559
 rules of CAB, investigations, etc., 14287
 U.S. air carriers involving in-flight turbulence, 1960-63, 1742
 UH-1D aircrew armored seat crash, survival analyses, 139

Aircraft carriers, deck motion, determination, 1354

Aircraft dispatchers, examination guide, 10542

Aircraft engines, see Engines (aircraft).

Aircraft repair stations:
 aircraft maintenance and repair shop specialized equipment, 13246
 FAA certificated, consolidated listing, 11980
 Federal aviation regulations, 5921, 7356 changes, 8886, 13310, 14614

Aircraft simulators, general purpose airborne simulator conceptual design report, 16591

Aircrews, see Flight crews.

Air drop operations, see Air drop operations.

Airfields, see Airports—Aviation fields—Pavements.

Airfoils, leading-edge thermal stress, pre-tensioning concept for relief, 12367

Airframes:
 airframe-engine integration of supersonic aircraft, aerodynamics, 13805
 fundamentals, Army technical manual, 134
 structural components, Federal item identification guides for supply cataloging, supplements, 2940

Airglow, seasonal variation of nightglow in tropics, 5019

Airlift, see Transportation.

Airline stewardesses, see Stewardesses.

Airlines, see Air carriers.

Airlock, see Air lock.

Airmass, see Air mass.

Airmen:
 airman's information manual, 1628, 2670, 11385
 international notams, 3079
 on-the-job training, guide for planning and conducting, 15482
 other than flight crewmembers, certification, Federal aviation regulations, 7353, 10461-462, 11913, 14604, 16262
 Pacific airman's guide and chart supplement (periodical), 3306
 performance upon sudden awakening, 97-98
 physical standards, medical certificates, Federal aviation regulations, 2006, 8880, 14605, 17647
 qualifying examination, comparison with differential aptitude tests, 15488
 see also Air Force.

Airmobile Division, troop topics, 1644

Airplane tires, see Tires.

Airplanes:
 accelerations, effects on sonic-boom ground pressure patterns, 15152
 airworthiness standards—
 normal, utility, and acrobatic category, Federal aviation regulations, 687, 16259
 transport category, Federal aviation regulations, changes, 688-689, 4355, 13307

Airplanes—Continued
 arrow wing-body configuration, effect of nacelle orientation on aerodynamic characteristics, 6449
 Caribou CV-2B used for airdrop of supplies and equipment, 6845
 Denalt performance computer for use with fixed pitch propeller plans, 14681-682
 flight instructor examination guide, 4429
 hydrogen-fueling hypersonic, structural concepts, 6414
 jet fuel anti-icing additive, effect on tank linings, 1369
 large, landing approach, inflight and ground-based simulation of handling qualities, 17884
 low-aspect-ratio—
 delta-wing model equipped with sharp-edged strakes, wind-tunnel tests, 16684
 wings, ground effects related to landing, 16663
 manned bombers in SAC, reduce number and types—
 hearing, 8653
 subcommittee report, 8657
 multiengine, pilots flight test guide, class or type rating, 11981
 single-engine, private pilot flight test guide, 16317
 sonic-boom characteristics, proposed supersonic and hypersonic airplanes, 16667

STOL—
 configurations, twin-propeller deflected-slipstream, longitudinal stability and control characteristics of powered model, 13808
 deflected slipstream, pilot opinion of trim changes with power, 6433
 subsonic jet-transport, model, aerodynamic damping and oscillatory stability in pitch, 4918

supersonic—
 Air Force Thunderbirds, aerial demonstration team flying North American F-100 Super Sabres, 6817
 wave drag at lifting conditions, analysis, 16666

supersonic transport—
 crews, potential roles, flight deck implications, 15064
 model with high-aspect-ratio variable-sweep wing, pitch-up, 15160
 transonic aerodynamic characteristics of tailless fixed-wing model, 7810

TFX contract investigation, hearings, index, 10348

transport—
 T-tail, deep-stall pitch-up characteristics, parametric study, 13803
 turbojet and piston-engine, response to runway roughness, 4919
 variable-sweep-wing, flutter studies at Mach numbers up to 3.0, 13820

VTOL—
 fan-in-wing model, dynamic stability and control characteristics, flight investigation, 13807
 longitudinal aerodynamic characteristics of powered 4-duct propeller model, 9507
 transition speeds, ground effects on single- and multiple-jet models over stationary and moving ground planes, 4955

X-15—
 control experiences pertinent to lifting entry, 4978
 data display system, 10940
 decelerator drag characteristics in wake, 6450
 flight measurements of boundary-layer noise, 7877
 full scale lift and drag characteristics, summary, 7862

Airplanes—Continued

- X-15—Continued
 - high-altitude and entry flight control experience, 7893
 - landing loads, summary, 4979
 - skid materials, drag and wear characteristics, 6469
 - spherical, hypersonic flow-direction sensor characteristics, 1253
- X-15 airplane and model, flow conditions on fuselage, 11069
- X-15-2 research, boundary layer transition, analysis, 12360
 - see also* Aircraft—Sonic boom.
- Airport control tower operators, air controller 1 & C. 7963
- Airport control towers, *see* Towers.
- Airport industrial parks, *see* Industrial parks.
- Airports:
 - access, selected references, 17645
 - activity statistics of certificated route air carriers, 8378, 12737
 - civil, radiation safety, 3805
 - construction, alteration, activation, and deactivation notice, FAA regulation, 14616
 - development (remarks), 17060
 - directory, airman's information manual, 11385
 - drainage, 3804
 - Federal act, amend—
 - hearings, 11797, 17383
 - law, 17136
 - reports, 11776, 15940
 - Federal aid program—
 - Federal aviation regulations, 693, 2009, 10468, 16264
 - field operations procedures, FAA handbook, 5914
 - grants-in-aid provisions, extend time—
 - hearings, 11797, 17383
 - law, 17136
 - reports, 11776, 15940
 - international, Federal inspection service facilities, 11387
 - jet aircraft noise near airports, alleviation, report, 11214
 - lighting—
 - approved equipment, 15496
 - installation details for centerline and touchdown zone lighting systems, 15497
 - location identifiers handbook, 3165
 - national airport plan, 1966-70, 1630
 - National Capital, Federal aviation regulations, 5922
 - change, 8867
 - national parks, etc., authorization, increase—
 - hearings, 17385
 - reports, 16095, 17255
 - rapid construction in theater of operations, technical manual, 127
 - terminal instruments procedures (TERPS), U.S. standards, 16255
 - see also* names of places where located.
- Airsickness, *see* Motion sickness.
- Airways:
 - Alaska routes, certificated, map, 3951
 - domestic, international and overseas routes for U.S. certificated cargo carriers, map, 3962
 - international and overseas routes of U.S. carriers, map, 3952
 - lateral separation procedures, changes, 3801
 - navigable airspace, objects affecting, Federal aviation regulations, change, 14606
 - routes to U.S. authorized to foreign air carriers under permit—
 - Eastern Hemisphere countries, map, 3957
 - Western Hemisphere countries, map, 3958

Airways—Continued

- U.S. transportation system routes certificated—
 - local service carriers, 3960
 - trunkline carriers, 3961
 - user act of 1966, proposed legislation, technical explanation, 7168
 - user charges, proposed legislation, hearings, 15996
- Airworthiness, *see* Aircraft—Airplanes—Engines (aircraft)—Gliders (aircraft).
- Aitchinson, Florence, utilization of social work staff with different levels of education, etc., 11907
- Akamine, E., dosimetry, tolerance, and shelf life extension related to disinfestation of fruit and vegetables by gamma irradiation, 8296
- Akron, Ohio:
 - area wage survey, metropolitan area, 14976
 - commodity transportation survey, production area series, 8344
- AKTIV, *see* Communist Party of Armenia.
- Alabama:
 - census of business, 1963, wholesale trade, area statistics, errata, 3882
 - census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
 - Clay County Soil Conservation District, multipurpose lake on former pasture (colored poster), 9660
 - climatological data, 2751
 - congressional districts, 90th Congress, 15602
 - county business patterns, 1711
 - electric rate book, 703
 - fishery products, wholesale dealers, list, 773
 - landings, fish and shellfish, 2672, 13339
 - life tables, 18008
 - northeast, Cumberland Escarpment and Highland Rim, interpretation, 6034
 - precipitation data, hourly, 3045
 - water used in mineral industry, 15033
- Alabama River and Valley Millers Ferry and Jones Bluff Locks filling and emptying systems, hydraulic model investigation, 10444
- Alameda, Calif., soil survey of area, 8030
- Alampi, Phillip, New Jersey's outstanding citizen of the year, ceremonies honoring (address), 14124
- Alarm systems:
 - detection ensures positive alarm in digital message loss, 12327
 - Federal item identification guides for supply cataloging, supplements, 2936
- Alashan Desert, Inner Mongolia, region types, 16495
- Alaska:
 - air carrier routes, map, 3952
 - Arctic northwestern, coal, sampling and coking studies, 12240
 - aspen and birch stands, growth and yield, 4471
 - census of manufactures, 1963, area statistics, 16992
 - certificated air routes, map, 3951
 - climatological data, 2751
 - coast pilot, Pacific and Arctic Coasts, Cape Spencer to Beaufort Sea, supplement, 6986
 - coastal warning facilities chart, 11314
 - county business patterns, 1712
 - Dixon Entrance to Cape Spencer, coast pilot, supplement, 5535
 - earthquake, Mar. 27, 1964—
 - and aftershocks, Prince William Sound, Coast and Geodetic Survey program, operational phases, 12763
 - civil defense emergency operations, preliminary report, 8385
 - effects on communities (series), 4525, 6036, 13410
 - regional effects (series), 13411-412
 - east-central, silicified Ordovician brachiopods, 9650

- Alaska—Continued
 electric rate book, 2021
 environment of Cape Thompson region, 11432
 fisheries, 1964, annual summary, 4401
 ground, large scale patterned, origin and environmental significance, Donnelly Dome area, 1637
 highways, report on study, 10367, 11828
 housing legislation—
 hearings, 10329
 report, 13188
 life tables, 18009
 long-lines communication facilities, Government-owned, disposal—
 hearing, 13194
 report, 17516
 manufacturing plants, location by county, industry and employment size, 1963 census, 16997
 map, general, inset on United States map, 13651
 announcement and order form, 17999
 medal in commemoration of anniversary of purchase—
 law, 8469
 report, 7180
 migratory birds, Federal regulations governing hunting, etc., 1966-67, 14673
 mineral industry, minerals yearbook chapter, 2320
 natives—
 dental services, fiscal year 1965, annual report, 6573
 housing, studies, 5104
 northern—
 micropaleontology of Mesozoic rocks, 12017
 naval petroleum reserve no. 4 and adjacent areas, exploration (series), 12017
 nursing home care for veterans, eliminate certain requirements, reports, 10134, 11744
 100th anniversary of its purchase from Russia, U.S. to observe—
 hearing, 525
 law, 7039
 reports, 559, 5670
 Palmer Soil Conservation District, new farmland in Matanuska Valley (colored poster), 9661
 physiographic divisions, 10642
 plane coordinate intersection tables, errata, 6983
 principal electric facilities, map, 7381
 reemployment leave travel benefits granted employees of Defense Dept. and other agencies, GAO report, 8998
 retail trade, wholesale trade, and selected services, by election districts, 1963, special census report, 6886
 Sashin Creek, spawning pink salmon, distribution and survival of progeny, 16313
 snow, accuracy of field surveys, 3820
 snow surveys, 2962
 soils of Okpilak River region, development under Arctic environment, 15506
 southeast—
 aerial seeding sitka spruce and western hemlock on cutover area, 4444
 herring fishery, 749
 stream catalog of regulatory—
 district 5, 6, 7, and 8, 2047
 district 9, 4426
 volume tables and equations, young-growth western hemlock and sitka spruce, 8960
 surface water records to Dec. 31, 1963, index, 2100
 tertiary stratigraphy and paleobotany of Cook Inlet region, 12020
 what about land in Alaska? 6275
 Alaska Agricultural Experiment Station, transfer to University of Alaska, report, 17462
- Alaska Centennial Commission:
 U.S. participation in centennial celebration—
 hearing, 525
 law, 7039
 reports, 559, 5670
 Alaska, Gulf of, northeastern, bottom trawling surveys, 4406
 Alaska Railroad:
 appropriations, 1967, hearings, 7113
 budget presentation of capital expenditures, GAO report, 10618
 transfer, message from the President, 5617
 Alaska, University of, *see* University of Alaska.
- Albania:
 labor conditions, 13622
 mineral industry, minerals yearbook chapter, 1114, 15014
 press information report, 3339
 unknown features, Turkish journalist's notes, 12190
- Albany, N.Y.:
 area wage survey, metropolitan area, 13597
 commodity transportation survey, production area series, 9953
 Albany Metallurgy Research Center, metallurgical progress reports, 1685, 6866, 11439
- Albedo, and sky radiance measurements in Greenland, 11395
- Alberg, M., differential energy and angle spectra for 137-Cs gamma-rays in sand, 11423
- Albers, James A.:
 condensation pressure drop of nonwetting mercury, 4933
 pressure drop of wetting and nonwetting mercury condensing in uniformly tapered tubes, 4974
- Albert, C. D., fluvial sediment in Little Arkansas River Basin, Kans., 14754
- Albert Thomas Veterans' Memorial Cemetery, naming report, 10136
- Albizzia:
 molucca, grown in Hawaii—
 machining properties, 10563
 physical and mechanical properties, 8970
- Albo, Jacobo, *see* Maya, Jacobo A.
- Albuquerque, N. Mex.:
 aerial radiological measuring survey (ARMS) of area, 8279
 area wage survey, metropolitan area, 13600
- Alcohol:
 absorption of high-frequency ultrasonic vibrations in alcohol-water mixtures, USSR study, 13518
 and accidental injury, conference proceedings, 10653
 effects on rats under ambient and low temperatures measured by avoidance response, 5315
 ethanol-jet atomization in combustor with oscillatory combustion-gas flow, 15147
 industries, 1965, statistics, 6068
 laws enforced by Alcohol and Tobacco Tax Division, 16380
 systemic effects alone and in combination with other drugs, influence of variations in environmental temperatures, 3781
- Alcohol and Tobacco Tax Division:
 laws enforced, guide for law enforcement officers, 16380
 what you should know about it, 4573, 16382
- Alcoholic beverages, *see* Liquors.
- Alcoholism:
 activities of HEW, 7492
 alcoholic offender, 12566
 and vocational rehabilitation, proceedings of workshop, 15415
 court and chronic inebriate, conference proceedings, 834
 identifying problem drinkers in household health survey, 13999

INDEX 1966

- Alcoholism—Continued
social, psychological and economic aspects, 1542S
supervisory guide, Navy, 9032
- Alder:
European, sylvics, 11997
nepal, grown in Hawaii, machining properties, 10563
red, seasonal progress of radial growth, 4472
- Alderman, Alice J., acute conditions, incidence and associated disability in U.S., 6587
- Aldol, condensations, progress report of Organic Chemistry Section, July 1964–June 1965, 1299
- Aldon, Earl F., prefabricated flume for gaging ephemeral streams, 4451
- Aldrich, John W., American eagles and their economic status, 14650
- Aleutian Islands National Wildlife Refuge, general information, 13347
- Aleuts, loans, guaranteed, etc., report, 17211
- Alexander, J. A., study of low density, high strength high modulus filaments and composites, 15041
- Alexander, Robert R., lodgepole pine reproduction after slash disposal treatment, 13364
- Alfalfa:
dehydrating plants, feasibility of establishing in Northwest resource conservation and development project areas, 14542
diploid and tetraploid, flower color inheritance, reevaluation, 6783
sickness, relation of Rhizobia in eastern Washington, 6709
- Alfandre, Howard J., aerotitis media in submarine recruits, 14992
- Alford, D. L., Goose Lake, Mont., 1964, accessibility field methods and logistics, 163S
- Alford, Donald, high elevation research notes, 117
- Algae:
bioregenerative systems, 8211
Hungarian studies, 4673
oxygen production, effect of light intensity and thickness of culture solution, 5075
process of continuous culturing of microalgae, mathematical description, USSR study, 4624
- Algebra, solution of ordinary differential equations by means of Lie series, 16592
- Algeria:
background notes, 15337
mineral industry, minerals yearbook chapter, 4760
- Algorithms, *see* Calculus—Mathematics.
- Aliens:
code of Federal regulations, 10485
deportation suspension, 1896, 12S98
foreign visitors, how America welcomes, 7060
mother tongue before coming to U.S., 1960 census of population, 5501
permanent residence, granting of status opposed, 1819
USSR, regulations governing travel of foreign nationals, 14847
errata, 17750
- Alighieri, Dante, *see* Dante Alighieri.
- Alignment tool facilitates pin placement on irregular horizontal surfaces, 16633
- Alkali halides, thermopotential measurements, 4927
- Alkali metals:
apparatus enables accurate determination of alkali oxide content, 13734
electromagnetic pump research, 6332
- Alkanes, *see* Paraffins.
- Alkyl cycloalkyl sulfide, *see* Sulfides.
- All hands, Naval Personnel Bureau career publication, 2673
- All-Union:
NOTE.—For headings beginning All-Union, *see* Union of Soviet Socialist Republics.
- Allan, Philip F., autumn olive for wildlife and other conservation uses, 42
- Aldredge, L. R., Automatic Standard Magnetic Observatory, 17050
- Allegheny Airlines, Inc., accident, 15613
- Allegheny Reservoir:
designate—
law, 15769
report, 16126
- Allegheny River and Valley:
Kinzua Dam-Allegheny Reservoir, designate—
law, 15769
report, 16126
- Allen, Gabriel, magnetic breakdown in finite 1-dimensional model, infinite potential relaxed, 7823
- Allen, George C., feed consumed by various classes of livestock, by States, 16941
- Allen, Harry C., jr., research on crystal growth and characterization at National Bureau of Standards, 16716
- Allen, J. W., ternary phase diagrams for Ga-P-Zn and Ga-As-Zn systems with applications to diffusion problems, 9412
- Allen, Mary E.:
aviation medicine—
reports, annotated catalog, 15553
translations, annotated bibliography, 126S8
- Allen, Philip T., balance sheet of agriculture, 15441
- Allen, Ralph G., jr., eclipse burns in humans and laboratory threshold measurements in rabbits, 12634
- Allen, Richard A., air radiation tables, etc., 15060
- Allen, William B., availability of ground water, upper Pawcatuck River basin, R.I., 17730
- Allen, William H., dictionary of technical terms for aerospace use, 1194
- Allentown, Pa.:
area wage survey, metropolitan area, 10869
commodity transportation survey, production area series, 9952
- Allergy:
biologically active therapeutic and prophylactic agents, USSR study, 7627
problems in clinical practice, USSR study, 9100
- Alleviation of jet aircraft noise near airports, 11214
- Alley, Vernon L., jr., aeroelastic divergence in unguided launch vehicles, 7832
- Alliance for progress, *see* Latin America.
- Alliances:
NATO and Warsaw Pact, Yugoslav analysis, 14812
Warsaw Pact, role in Soviet bloc affairs, 10351
- Allied Trade Council, union welfare pension funds diversion, report, 13138
- Allis-Chalmers Manufacturing Co., conceptual design of 50 MGD desalination plant, 9034
- Allison, Dennis O., thermodynamic properties of gas mixtures, 15156
- Allison, Lewis J., TIROS VII infrared radiation coverage of 1963 Atlantic hurricane season, 12335
- Allmaras, R. R., porosity and random roughness of interrow zones influenced by tillage, 9791
- Allowances, *see* Pay, allowances, etc.—Travel—Wages.

- Alloys:**
 accelerated cavitation damage of superalloys in liquid metals, 9539
 bearing, with hexagonal crystal structures provide improved friction and wear characteristics, 15103
 braze—
 development and evaluation for vacuum furnace brazing, 12272
 used as temperature indicators, 12315
 brazing, eliminates metal-stress cracking, 2401
 columbium-modified NASA TAZ-8 superalloy, investigation, 15188
 dispersion hardening, 4817
 dispersion-strengthened after failure in stress rupture, metallographic study, 13831
 electric pulse machining, USSR study, 16477
 high-strength, electrical discharge machining, USSR studies, 14832
 internal friction, USSR study, 16492
 nonferrous, smelting and refining, 1963
 census of manufactures, industry, report, 5446
 oxidation-resistant coatings on columbium alloy sheet, study, 7828
 superalloys, nickel-base, for high temperature applications, 11016
 see also names of metals, etc.
 Allsman, Paul L., gypsum, 15008
- Alluviums:**
 alluvial channels—
 resistance to flow, 17718
 total bed-material discharge, 4526
 Arkansas River, Muskogee, Okla., to Fort Smith, Ark., hydrology, 6040
 bolson environment and formation of alluvial fans, study, 817
 Ohio River Valley, Ky., hydrology, 4530
 studies of flow in alluvial channels (series), 4526
- All-Woods, Ltd., accident, 12068**
- Almanacs:**
 air, 5052, 11138, 15229
 National Institutes of Health, 1310, 15291
 nautical, 1967 calendar year, 9576
- Almazan, Diosdado F., relief, 382**
- Almonds, Italy, industry, 13352**
- Almroth, B. O., influence of imperfections and edge restraint on buckling of cylinders, 9406**
- Alnus glutinosa, *see* Alder.**
- Alouette satellite, *see* Satellites.**
- Alpha particles:**
 scattering from tin isotopes, 1252
 errata, 6411
 solar cell damage rates, 9540
- Alpha spectra, *see* Spectra.**
- Alphabet, standard alphabets for highway signs, reference guide, 16815**
- Alphonsus, RLC 14-17, lunar charts, 14187**
- Alsea River and Valley, waterpower resources and reconnaissance geology of basin, 17727**
- Alt, Franz L., information handling in National standard reference data system, 12387**
- Alternating currents, *see* Electric currents.**
- Altimeters, servo displays, evaluation, final report, 7975**
- Altitude:**
 ascent and acceleration, change in oxygen pressure in heart muscle, USSR study, 1027
 effect on d-amphetamine in rat, metabolic aspect, 9876
 high altitude exposure, bubble theory of etiology of decompression sickness relation, 5826
 high elevation research notes, 117
 high, temperature measurement, thermistor arrangement, 13716
 operation of aircraft under IFR, Federal aviation regulations, 14607
- Altitude-Continued**
 physiology of chronic adaptation to high elevations, USSR study, 4633
 scale heights in topside ionosphere, Alouette I observations, 13726, 17890
 spacecraft, sextant measures without gravitational reference, 7797
 trajectories, minimum time between 2 points in range-altitude space, 17882
- Alumina:**
 aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190
 chromium oxide coatings improve thermal emissivity of alumina, 11020
 coatings, plasma-sprayed on stainless steel, shear bond strength analysis, 1275
 cost estimate of Bayer process for producing, 2356
 extraction by leaching melted and quenched anorthosite in sulfuric acid, 9369
 extraction from phosphate rock slime, 17853
 filler prevents obstructions in tubing during welding, 7781
 films, electronic properties, etc., 6338
 single-crystal and polycrystalline, in contact with various metals in vacuum, friction characteristics, 15185
 spectral emittance on opaque substrates, 1277
 suspension of duty, continue—
 law, 10091
 reports, 8560, 10301
- Aluminoferrites, *see* Calcium aluminoferrites.**
- Aluminum:**
 alloys—
 corrosion resistance of flame-used teflon to sodium chloride solutions, 12432
 formable, for high temperature service, USSR study, 4611
 local plastic stresses in sheet specimens with stress-concentration factor of 2 under constant-amplitude loading, 4914
 research in USSR, 16461
 thermal stress-relief treatments, 17908
 weldable, improved mechanical properties, 17907
 wrought products, tolerances, Federal standard, 10516
 aluminum and stainless steel, brazing process provides high-strength bond, 13787
 base alloys, USSR study, 13453
 bismuth alloy potting seals aluminum connector in cryogenic application, 7792
 bremsstrahlung production by electron bombardment, 2359
 chemical milling solution produces smooth surface finish, 13748
 composite plates, high tensile strength, 12304
 core structures brazed without use of flux, 13795
 crimping sleeve prevents damage to fish hooks, 4405
 disposal from national stockpile—
 hearings, 11643
 law, 11569
 reports, 10148, 11757
 doping improves silicon solar cells, 10992
 electrodeposition from fused-salt electrolytes containing aluminum chloride, 10923
 electron scattering, 2359
 etching thick layers, system to minimize bridging, etc., 16623
 hypereutectic silicon master alloy, commercial improvement, 9384
 ingot and mill products, current industrial reports, 2817, 12707
 minerals yearbook chapter, 17832

- Aluminum—Continued
opaque reflective coatings, produced by anodization, 1212
parts, brazing processing using Al-Si filler alloy reliably bonds, 11035
penetration of polyethylene at high velocities, 7882
plates under hypervelocity impact, dimple, spall, and perforation characteristics, 12350
plating copper on, suggested method, 9448
primary, monthly report, 3414
scrap and secondary ingot, mineral industry survey, monthly, 3496
self-supported thin films produced by vacuum deposition process, 15117
7079 aluminum alloy forgings in cryogenic environment, properties, 12271
Ti-SAl-1Mo-1V sheet, fatigue behavior, 1190
titanium-aluminum alloys in vacuum friction, wear, and adhesion characteristics, 4969
welding—
improved by back-up bar groove configuration, 17906
USSR studies, 9103
see also names of articles manufactured from aluminum.
- Aluminum chloride, contained in fused-salt electrolytes, electrodeposition of aluminum, 10923
- Aluminum foil:
converted, current industrial reports, 15581
thermal flux perturbation by dysprosium-aluminum foils in water and uranyl fluoride-water solutions, 6428
- Aluminum Industry Planning Institute, Hungary, organization, development and tasks, 2185
- Aluminum oxide, *see* Alumina.
- Alvarez-Gomez, Anselmo S., relief, 16056
- Alverson, Douglas C., geology and hydrology of Fort Belknap Indian Reservation, Mont., 824
- AM series, 172, 6874, 8307-8, 9936-38, 11446-448, 12688, 14243, 15553-559, 16982-984
annotated catalog, 15553
- Amado, Juliano, relief, 11728
- Amado, Manuel, relief, 11728
- Amat, Alberto Fernandez-Bravo y, *see* Fernandez-Bravo y Amat, Alberto.
- Amateur Athletic Union, NCAA-AAU dispute, hearings, 1933
- Ambre, Ago, occupational outlook quarterly, 3287
- Ambrose, Paul M., sulfur in 1965, preliminary, 4803
- Ambulances, 2d and 3d class postal rates for volunteer ambulance and rescue companies, extend, report, 12943
- AMC, *see* Army Materiel Command.
- AMD, *see* Aerospace Medical Division.
- Amebiasis, occurrence, sources and methods of infection, symptoms, etc., 15280
- America:
Alouette I observations over continents, 13726, 17890
beautifying America begins at home, 15469
building rural, rural areas development, press reports, 14597, 17644
dilemma of progress, prosperity, etc., on physical condition of our country (remarks), 16773
4-H club challenge to young America (address), 3748
historic sites, preserving, 12037
language, classification, Library of Congress, 4741
literature, classification, Library of Congress, 4741
see also Latin America—North America—South America.
- America illustrated (periodical):
Polish language, 2675
Russian language, 2676
- America the beautiful (colored poster series), 9660-9711
- American Academy of Actuaries:
incorporate—
hearings, 17388
report, 1921
- American Airlines, Inc., emergency board report, 17628
- American Battle Monuments Commission:
appropriations, 1967—
hearings, 15955
reports, 15938, 17539
- American civilians who are fighting shirt-sleeves war in Vietnam, 17745
- American Creosote Works, Inc., President's E award for export excellence (remarks), 12787
- American education (periodical), 2677
- American Ethnology Bureau, bulletins, 9880, 15498
- American Federation of Government Employees, AFL-CIO, National Council of Field Labor Lodges, agreement with Labor Department, 17798
- American Federation of Labor and Congress of Industrial Organizations:
agreement with Post Office Department, 16779
civil defense policy regulations, change, 5512
- American-flag vessels, *see* Merchant marine.
- American history, *see* History.
- American History Month, designate, report, 5773
- American Indians, *see* Indians.
- American Institute for Foreign Trade, President's E award for excellence in exporting (address), 326
- American Institute of Aeronautics and Astronautics, Rankine space power systems, AIAA specialists conference, 12673
- American Instructors of the Deaf, Convention of, *see* Convention of American Instructors of the Deaf.
- American Isthmus, *see* Panama Canal.
- American Legion:
convention, 1965, proceedings, 8491
convention, 1967, appropriations, hearings, 13013A
legislative recommendations, 1966, hearings, 8685
- American Meteorological Society, meteorological and geostrophysical abstracts, 13892
- American Numismatic Association:
medal in commemoration of anniversary—
law, 8477
reports, 7182, 8572
- American policy, *see* International relations.
- American republics:
social science research studies, 11251
waterborne transportation, inter-American convention, 13085
see also Latin America.
- American Research Hospital for Children, Krakow, Poland, history and dedication, report, 7100
- American Revolution Bicentennial Commission:
establish—
law, 12822
message from the President, 5624
reports, 12923, 16084
- American River division, *see* Central Valley project.
- American Samoa:
Governor, 1964, report, 4548
industries, minimum wage rates, data, 5218
nautical chart catalog, 6989
social security tax guide for employers, 2116
- American soldier posters, 3812

- American Veterans of World War II:
legislative recommendations, 1966, hearings, 8685
redefine membership eligibility—law, 17104
report, 17222
- Americans at mid-decade, 3927
- America's children and youth in institutions, 1950-1960-1964, demographic analysis, 6943
- America's lifelines, Federal aid for highways, 11202
- Ames Research Center, Moffett Field, Calif., automatic data processing equipment, planning and utilization, GAO report, 10621
- Ametropia, physiologic variations of depth of anterior chamber, 5328
- AMG, *see* Acreage marketing guide.
- Amides, polyimide and filled polyimide composition, friction characteristics, 6441
- Amines:
adsorption from nonaqueous solution onto hydrated and dehydrated metal oxide surfaces, 6540
solvent, use in extraction of tungsten from low-grade concentrates, 17854
tertiary, for extraction and separation of lanthanides, 13693
use of gas masks for respiratory protection against, 13681
- Ammonites, Lower Cretaceous (Albian) ammonite genera *Leconteites* and *Breweriaceras*, 2104
- Ammonium nitrate:
and ammonium nitrate-fuel oil, sympathetic detonation, 7714
explosion hazards under fire exposure, 7718
- Ammonium salts, quaternary, thermodynamics of aqueous solutions, 853
- Ammunition:
contracts, prices negotiated, Army Dept., GAO review, 8997
Defense Dept. management, GAO report, 8991
facilities, technical manual, 1655
Federal item identification guides for supply cataloging, supplements, 2940
idle production facilities, readiness status, GAO report, 10628
reusable components, possible savings from improving management control, GAO report, 4501
status, hearings, 10324
- Amortization, *see* Mortgages.
- Amos, Murray H., commercial clams of North American Pacific Coast, 10525
- Amosite asbestos, *see* Asbestos.
- Amphetamines, metabolic aspect of effect of altitude on d-amphetamine in rat, 9876
- Amphibious operations:
antimechanized operations, Fleet Marine Force manual, 2309
NROTC cruise manual, 11151
- Amphidromus, *see* Snails.
- Amphipods:
marine amphipoda of family Amphithoidae from southern California, 5042
marine, of atolls in Micronesia, 2466
- Amplifiers:
audio, linear class B, output-power capability, load-impedance and wave form effects analysis, 16758
coherent light generators and amplifiers, USSR study, 12174
dc, tester periodically registers characteristics, 7802
distributed amplifier for use with ionospheric sounders, 7922
electronic super-high frequency, and plasma, USSR study, 13511
logarithmic current, transistor circuit increases range, 13785
magnetic, basics, trainee's guide for fire control technician training, 17973
- Amplifiers—Continued
parametric, ultra-low-noise 1700-Me system, 7859
remote preamplifier circuit maintains stability over wide temperature range, 166646
USSR all-Union scientific session devoted to radio day, 14941
see also Fluid amplifiers.
- AMS, *see* Applied mathematics series.
- Amu Darya River and Valley, basin, breeding of white amur (*Ctenopharyngodon idellus* (val.)) and white and motley tolstobiks (*Hypophthalmichthys molitrix* (val.)) and *Aristichthys nobilis* Rich.), 4627
- Amusement:
Agriculture Dept. provide year-round fun on farm and forest, publications list, 6775
entertainment expenses, rules for deducting from income tax, 2123
- AMVETS, *see* American Veterans of World War II.
- Amyotrophic lateral sclerosis, progress in research, summary, 2461
- Anaconda, Mont., quadrangle, geology of northwest quadrangle, Deer Lodge County, 12013
- Anaconda-Pintlar Wilderness, general information, 4435
- Anadromous fish, *see* Fish and fisheries.
- Anaheim, Calif.:
area wage survey, metropolitan area, 12212
commodity transportation survey, production area series, 8347
railroad accident, 12081
- Anaktuvuk Pass, Eskimos, projected values of cesium-137 body burdens for summer 1965, based on findings in caribou muscle, 5115
- Analog computers, *see* Electronic computers.
- Analog-to-digital converters, ten-bit, general information, 17925
- Analysis, *see* Chemical analysis—Dimensional analysis—Radiochemical analysis—*also* names of substances analyzed.
- Analysts:
professional, scientific and technical information analysis center, Ad-Hoc forum—
directory, 12677
proceedings, 12676
see also Management analysts—Research analysts.
- Analytical Mass Spectrometry Section, instrumentation and procedures for isotopic analysis, 15209
- Analyzers, dissolved-oxygen analyzer for oceanographic use, final report, 12681
- Anaphylactic shock, lethal outcome after intradermal test with penicillin, USSR study, 9127
- Anaplasmosis, cattle, control, 16926
- Anatomical and agronomic studies of phormium in western Oregon, 14150
- Anatomy:
body movement, hypokinesia (deconditioning) in manned space flight as compared to chair rest from 4 to 10 days, 6811
human body density and fat measured by water displacement of adult male, 14235
Hungary, progress in past 20 years, translation, 12127
lower body negative pressure on cardiovascular system, effects, 12629
- Anatoxins, USSR studies, 9133
- Anchor-buttions, attachment technic for biomedical instrumentation lead wires, 99
- Anchorage, Alaska, principal electric facilities, map, 7381
- Anchor:
center hole, explosive expansion, 4791
screw, expandable insert serves, 9462

- Ancient Arabic Order of Nobles of Mystic Shrine:
regulations for 1967 convention—
law, 17091
report, 15854
- Anderson, Harold R., bubble theory of etiology of decompression sickness as related to high altitude exposure, 5326
- Anderson, Arthur, relief, 15801
- Anderson, B. A.:
surface water records to Dec. 31, 1963, index—
North Atlantic slope basin, 4515
Ohio River basin, 2096
St. Lawrence River basin, 2097
south Atlantic slope and eastern Gulf of Mexico basins, 2095
- Anderson, Duwayne M.:
heat of freezing and melting of sea ice, 16956
migration, etc., of interlamellar water during freezing and thawing of Wyoming bentonite, 8243
- Anderson, L. O.:
development of improved system of wood-frame house construction, 5993
houses can resist hurricanes, 4461
- Anderson, Norman G., zonal centrifuges and ancillary systems for tissue fractionation and analysis, 15289
- Anderson, Peter W., water quality characteristics of New Jersey streams, 12031
- Anderson, R. A., effect of variety on accumulation of strontium-90 in wheats and their milled products, 2525
- Anderson, Robert B., fracture mechanics of through-racked cylindrical pressure vessels, 6437
- Anderson, Ruth, file organization for large chemical information system, 9554
- Anderson, Sumner M.:
mineral industry of Chile, 7690
regional mineral industry review of Latin America, 9368
- Anderson, William W.:
biological-statistical census of species entering fisheries in Cape Canaveral area, 779
field guide to Synodontidae (lizardfishes) of western Atlantic Ocean, 11967
shrimp and shrimp fishery of southern United States, 14654
- Andersonville, Ga., bauxite occurrences in area, 2091
- Andrastek, Donald A., cost, etc., evaluation of automated cargo delivery systems in Army aircraft, 14233
- Andreassi, John L.:
biopotential signals as function of learning task difficulty, 5068
effects of induced muscle tensions, etc., on tachistoscopic perception, 9594
physiological correlates of learning and overlearning, 15251
- Andrews, Archie M.:
addresses—
May 6, 1966, 10684
May 25, 1966, 10685
- Andrews, Dean T., rural electrification in United States, 17934
- Andrews, George W., late Pleistocene diatoms from Trempealeau Valley, Wis., 13409
- Andrews, Gould A., radioactive pharmaceuticals, 12675
- Andrews, H. J., Experimental Forest, *see* H. J. Andrews Experimental Forest.
- Anemia, sickle cell anemia, summary of information, 3946
- Anesthesia, *see* Anesthetics—Electronarcosis.
- Anesthetics, monkeys, test, anesthetized by routine procedure, 1208
- Angeles National Forest, children-with-matches fires, prevention, etc., 17695
- Angelone, Alfonso, economical time standard for calibrating cardiostachmometers and biologic data recordings, 8210
- Angle of attack:
approximation reentry for spinning body from rate-gyro and accelerometer data, 12362
blunt body axisymmetric, direct method for calculation of flow about, 10951
cone, at angles of attack to 110° in helium, aerodynamic characteristics, 6420
ducted fan performance at zero angle for several fan blade angles, characteristics, 2416
flow over blunt body, inverse technique, 9419
Project Fire 1 payload, reentry flight, analysis, 7879
- Angles, tool bit, multisurface fixture permits easy grinding, 9478
- Anglo, Luis, relief, 15823
- Angola, *see* Portuguese West Africa.
- Angular acceleration measured by deflection in sensing rings, 9456
- Anhydrators, *see* Dryers (industrial).
- Anido, Guillermo, relief, 8718
- Anillnes, substitutions, interaction of chloral hydrate and hydroxylamine, 933
- Animal industry, *see* Livestock.
- Animal oils, *see* Oils.
- Animal products:
carload waybill statistics, 6081
code of Federal regulations, 10486
trade and tariff information, summaries, 14045
- Animal traps, manufacturers, list, 4427
- Animals:
burned, toxic and serological shifts in blood, USSR study, 14879
carload waybill statistics, 6081
code of Federal regulations, 10486
comparative, veterinary, and primate cardiovascular research, 5026
drug amendments of 1965—
hearing, 11667
report, 15944
food for, from marine-animal products, firms canning, list, 778
genetics, research, Rumanian study, 6240
humane treatment, 5-cent commemorative postage stamp (poster), 6561
irradiating experimental animals, technique, USSR study, 9143
laboratory—
electronic integrator for quantitative evaluation of effect of pharmacological agents on motor function, USSR study, 953
endoparasites, 6809
live, Federal item identification guides for supply cataloging, supplements, 2939
NIH standard animal care equipment, 16805
oxygen, recent USSR studies, 7558
physiological reactions to space flight, USSR study, 13515
population dynamic patterns, contemporary problems, USSR study, 6180
psychopharmacology research handbook, 1431, 18069
small-animal payload, integration with sounding rocket, 15081
survival, following X-ray irradiation, effect of prophylactic administration of mucopolysaccharide preparation, USSR study, 6221
see also Diseases of animals—Food for animals—Game and game birds—Livestock.
- Animas-La Plata project, Interior Dept. report, 15782
- Anisotropic viscoelastic sandwich shells, 6344
- Ann Arbor, Mich., commodity transportation survey, production area series, 9955

- ANNA, *see* Satellites.
- Annapolis, Md., *see* Naval Academy, Annapolis.
- Annelids:
index-catalogue, 8134
- Pilargidae (Annelida: Polychaeta), revision, 7939
- Annett, John, use of cuing in training tasks, phase 2, 7971
- Annette Island, Alaska, airport, Federal aviation regulations, 16265
- Annuityants, *see* Civil service.
- Annuities:
Foreign Service retirement and disability system, adjustments, law, 410
payable from Foreign Service retirement and disability fund, increase, report, 16157
railroad retirement act—
adjustments—
hearing, 11666
reports, 15947, 17532
supplemental benefits—
hearing, 17384
reports, 15945, 17531
trusts, tax exemption, procedures and guides for qualification under internal revenue code, 14779
see also Civil service pensions—Pensions.
- Annus, Louise K., access to airports, 17645
- Anodization process produces opaque reflective coatings on aluminum, 1212
- Anomalies:
gold geochemical, Cortez district, Nev., 14751
southwestern Sakhalin, nature of gravity, USSR study, 14805
- Anopolopoma fimbria, *see* Sablefish.
- Anorthosite, extraction of alumina by leaching in sulfuric acid, 9369
- Anrrich, Rafael, relief, 11710, 15678
- Anslay Wilcox House, acquire and preserve as historic site, reports, 505, 17542
- Anspach, S.C., half lives of materials used in preparation of radioactive nuclides issued by NBS, 1294
- Antarctic regions:
aerial-photographic, topographic-geodetic and cartographic work of Soviet Union, 14866
aerology in polar regions, USSR study, 1029
aerometeorological research during IGY, USSR study, 982
Antarctic Journal of United States, 5048
atmospheric radioactivity, 6551
bibliography, 1099
geology and physiography aspects, 8249
medical service for members of Soviet Antarctic expeditions, USSR study, 6108
Navy marine climatic atlas, 9600
polar snow, physical and mechanical properties, 8234
radio rangefinders, experience in working with, USSR study, 16482
sea ice, strength studies, 119
seismological bulletin (periodical), 2680
continental expedition, 1960-62, description and scientific results, USSR, 10818
snow studies, 8238
Soviet research in Antarctica, 16445
support for science, 2503
U.S. Antarctic Projects Officer, bulletin, 2712
United States operations, 11829
- Antarctica, *see* Antarctic regions.
- Antelopes, pronghorn, conservation note, 10529
- Antennas:
buried, USSR study, 13570
configurations provide polarization diversity, 6392
- Antennas—Continued
cut-back factor for LF radio waves, computations, 6480
equilibrium shape of array of long elastic structural members in circular orbit, 7820
massive, modified hydraulic braking system limits angular deceleration to safe values, 13746
near-zone field, plasma effects, 16616
nonreciprocal circular polarizer, 1361
omnidirectional, transmit and receive over large bandwidth, 7787
radiation from slot antenna in ground plane covered by warm plasma layer, 12366
short wave, USSR study, 4648
structures, construction, lighting, and marking, FCC rules and regulations, 2919
table of radiation characteristics for uniformly spaced optimum endfire arrays with equal sidelobes, 2451
theory, application of wedge diffraction, 4827
USSR all-Union scientific session devoted to Radio Day, 13560
- Anthocephalus cadamba, *see* Cadam.
- Anthony, Willis E.:
decentralization in livestock slaughter industry, 10408
structural changes in federally inspected livestock slaughter industry, 5863
- Anthracite, *see* Coal.
- Anthracite mines, *see* Coal mines and mining.
- Anthracite region, strip-mine spoils, planted forest trees, survival and early growth, 10600
- Anthrax:
bacillus, variability in natural conditions, USSR study, 16423
causative agent, experimental infection of gamasid ticks, USSR study, 13454
studies on B. anthracis and B. cereus antigens by means of fluorescent-serological and cytochemical techniques, USSR, 10833
- Anthropologists:
employment outlook, 13594
examination announcement, 12758
- Anthropology:
anthropological papers—
departmental edition, 9880
document edition, 10097
Asian countries, materials and research, USSR study, 12099
coastal Ecuador, early formative period, Valdivia and Machalilla phases, 6499
Smithsonian contributions, 6499
- Anthropometry:
air traffic control trainees, 6874
human body density and fat measured by water displacement of adult male, 14235
- Antiaircraft artillery, *see* Artillery.
- Antibiotics:
effect on immunological specificity of host proteins, USSR study, 7620
sensitivity and phage type of staphylococci isolated from monkeys and their human handlers, 8207
treatment for control of comandra rust on lodgepole pine, evaluation, 15436
USSR production given impetus, 7619
- Antibodies, *see* Antigens and antibodies.
- Anticholinesterase, properties of phosphinates, USSR study, 892
- Anticonvulsants, *see* Convulsions.
- Antidepressive agents, pharmacologic side effects, 5325
- Antidetonators, *see* Detonators.
- Antidotes, *see* Poisons.
- Antifriction bearings, *see* Bearings (machinery).

- Antigens and antibodies:
antigen concentration and nonreacting
additives influences on mobility and
diffusion in immunoelectrophoresis,
12646
B. anthracis and B. cereus antigens studies,
by means of fluorescent-serological and
cytochemical techniques, USSR, 10833
precipitin response to human serum by
rabbit population, 8218, 9870
responses in rhesus monkey, 95
Antilles, light list, 6991
Antimechanized operations, 2309
Antimony:
lead-antimony grid alloys, intergranular
corrosion, investigation, 16763
minerals yearbook chapter, 14999
primary, mineral industry survey, quar-
terly, 2681
Antipoverty program, *see* Poverty.
Anti-religious education, *see* Religious educa-
tion.
Antisubmarine Warfare Environmental Pre-
diction Services ASWEPS manual series,
12410-411, 13900
Antitrust Division, regulatory and enforce-
ment activities relating to small business,
hearings, 15990
Antitrust laws, *see* Monopolies—Trusts (in-
dustrial).
Antitrust Subcommittee, Judiciary Commit-
tee, House, publications, index, 7154
Anti-Vietnam agitation and teach-in move-
ment, problem of Communist infiltration
and exploitation, 1885
Ants:
control in home and garden, 6745
language of ants, USSR study, 917
Aorta, blood velocity computed from pres-
sure pulse, 15495
Apache Indians:
Apache Tribe of Mescalero Reservation,
convey lands held in trust to—
law, 11554
reports, 5657, 10310
Apanasewicz, Nellie:
Eastern Europe education, bibliography
of English-language materials, 11870
education in Bulgaria, 638
textbooks for Soviet schools, 14565
Aphids:
balsam wooly aphid eggs, collection tech-
niques, 14710
parasites of, portable field cage for mass
culturing, 9774
see also Plant lice.
Aplite, minerals yearbook chapter, 15005
Apnea, *see* Respiration.
Apollo Project, *see* Project Apollo (man-
in-space program).
Appalachian region:
central, air-drying practices of lumber,
17703
coals, survey of sulfur reduction by stage
crushing, 6288
development act of 1965—
hearings, print additional copies, re-
ports, 5759, 10203
law, highlights, 529
section-by-section analysis, print addi-
tional copies, report, 10201
distribution of minor elements in coals,
13393
family chicken flock, 11355
growing vegetables, 12602, 15445
hillside pasture, 12606, 15447
mental health in Appalachia, problems and
prospects in central highlands, report,
5028
stream quality, as related to coal-mine
drainage, 7481
strip and surface mining study, report,
16379
Appalachian Regional Commission:
annual report, 6821
Appalachian Regional Commission—Con.
appropriations, 1967, hearings, 8651, 13193
establish—
analysis of bill, print additional copies,
report, 10201
hearings, print additional copies, re-
ports, 5759, 10203
law, highlights, 529
report of Health Advisory Committee,
15499
Apparatus measures thermal conductivity of
honeycomb-core panels, 7783
Apparatus tests, tensile strength, applies
high strain-rate loading with minimum
shock, 6389
Apparel, *see* Clothing.
Appeals, appellate review of sentences, pro-
vide, hearings, 10352
Apples:
commercial, production by varieties, 1965,
with comparisons, 2593
entering Netherlands, certification for
possible transshipment, 12586
sorting and sizing—
before storage with prototype hydro-
handling system, 14112
storage in pallet boxes, development of
hydrohandling system, 11357
Appleseed, Johnny, 5-cent commemorative
postage stamp (poster), 15260
Appliances, *see* Electric apparatus and ap-
pliances—Household appliances.
Applied mathematics series, 7908
Applied Research and Engineering, Ltd.,
conceptual design of 50 MGD desalination
plant, 10662
Appomattox Court House National Historical
Park, general information, 2471
Apportionments, State legislatures, report,
5776
Appraisers, Indian lands, Justice Dept. need
to improve contracting procedures, GAO
report, 13374
Apprentices:
automobile mechanic—
body repairman and painter, apprentice-
ship and training standards, 14201
trucks, tractors, etc., apprenticeship
standards, 11388
bricklaying apprenticeship, program and
standards, 15501
careers in apprenticeship, 16954
dental laboratory technicians, apprentice-
ship and training policy, 106, 14200
national apprenticeship program, 15500
Apprenticeship and Training Bureau, what
it is, what it does, how it can serve you,
5337
Apprenticeships, *see* Apprentices.
Approach, naval aviation safety review,
2684
Appropriations:
authorizing legislation, 578
general Government matters, 1967, con-
tinue—
laws, 395, 15704, 17110
reports, 1836, 15856, 17242
legislation authorizing appropriations and
establishing revolving funds, 1886
legislative, 1966, supplemental, proposal,
7070
legislative, 1967—
amendments, 8502, 8508, 11609, 11699
hearings, 11641, 16171
law, 15727
reports, 10224, 13168, 14395
statements, 89th Congress, 1st session,
1884
supplemental, 1966—
hearings, 7116, 8765
laws, 411, 10077
proposals, 5610, 8688
reports, 8549, 8637, 8745
supplemental, 1967—
hearings, 15960, 17569
reports, 17319, 17323, 17351, 17559

- Appropriations—Continued**
see also Government offices—*also* subjects, or names of departments, etc., for which appropriations are made.
- Appropriations Committee, House:**
 hearings, 507, 4120, 5681, 7111-16, 8648-51, 10228-229, 11641-642, 13013-14, 14408, 15955-960, 17357-358
 reports, 1836, 5679, 8549, 8592, 8598, 8614, 8626, 8638, 10224, 12914, 15856, 15907-908, 15914-915, 15938, 17242, 17319
- Appropriations Committee, Senate:**
 hearings, 5797, 8763, 8765, 10322, 11787, 13193, 14471-472, 16170-173, 17566-569
 reports, 545, 7184, 8745, 10281, 13122, 13152, 13168, 16090, 16094, 16151, 16159, 16165, 17513, 17520, 17539, 17559
- Approximate theories of pneumatic wave generators, hydraulic laboratory investigation, 10442**
- Approximations:**
 discrete fields, application of digital computers, USSR study, 12158
 transfer function, for large highly coupled elastic boosters with fuel slosh, 9433
- Apricots, production, use, value, 1964-65, by States, 15379**
- APRO, *see* Army Personnel Research Office.**
- APT, *see* Automatic picture transmission.**
- Aptitude tests:**
 Air Force Academy cadets, class of 1966, predicting 1st year achievement, 8198
 airman qualification examination general aptitude index, use for estimating reading ability level, 8199
- Army, differential classification tests for ACB (Army classification battery), evaluation, 1673**
- Army, experimental tool and trade knowledge tests, validation, 3840**
- differential tests, comparison with airman qualifying examination, 15488**
- full regression equations vs. aptitude area scores in allocation of enlisted men, 8275**
- general test battery—**
 guide to use, separate answer sheet form, administration and scoring, 1986
 norms, occupational aptitude pattern structure, manual, 16246
 norms, specific occupations, manual, 16247
- officer selection and classification tests, 1966, development, 15487**
- Project Talent, progress toward goals, 651**
- recruiter-salesman selection test, validation, 8200**
- selection battery for Army image interpreters, development, 9915**
- sequential decision making task, timeliness and accuracy, 8274**
- USES tests, program research on effectiveness of counseling techniques, 1989**
- Aqua-Chem, Inc., conceptual design of 50 MGD desalination plant, 12042**
- Aquatic animals, morphological features, USSR study, 14921**
- Aquatic sciences, *see* Science.**
- Aquatic weed control studies, 8010**
- Aquifers:**
 artesian glacial-drift, Kalamazoo, Mich., induced recharge, 13416
 hydrology of aquifer system (series), 12022
 recharge studies on High Plains in New Mexico, 10650
 wedge-shaped, drained by streams, measurement of hydraulic diffusivity, 13408
- Arabian Peninsula, geology, 17722-723**
- Arago, AIC 60C, lunar chart, 14180**
- Aral Sea:**
 carp, ecologo-neorphological characteristics of early stages of *Pelecus cultratus* (L.), USSR study, 13573
- Aral Sea—Continued**
 diet of bream fry, early developmental stages, USSR study, 2276
 herring gull, ecology and piscicultural significance, USSR study, 4632
- Aranas National Wildlife Refuge, general information, 14658**
- Arapaho National Forest:**
 revise boundaries—
 law, 11555
 reports, 5672, 10308
- Arbitration, *see* Industrial arbitration.**
- Arbolea, Carlos J., relief, 8701**
- Arc (electric), *see* Electric arc.**
- Arc tunnels, *see* Wind tunnels.**
- Arc welding, *see* Welding.**
- Archaeology:**
 archeological research series, 13875
 coastal Ecuador, early formative period, Valdivia and Machalilla phases, 6499
- publications—**
 salvage archeology, 16827
 price list, 16787
 salvage, Fire Heart Creek site, 16827
- Archer, J. S., analytic longitudinal response analysis for axisymmetric launch vehicles, etc., 4808**
- Arches National Monument, general information, 11120**
- Architect of Capitol:**
 appropriations, 1966, supplemental, proposal, 7070
 appropriations, 1967, legislative—
 amendment, 11609
 hearings, 11641, 16171
 law, 15727
 reports, 10224, 13168, 14395
 report, semiannual, 5719, 14449
- Architects:**
 employment outlook, 9209
 looking for architects, fill your needs through Professional Placement Network, 11887
see also Landscape architects.
- Architecture:**
 architectural-engineering documents for health research and facilities construction grants, guidelines, 15267
- Army medical facilities, design, technical manual, 8264**
 changes, 9907, 14224
- definitive designs for naval shore facilities, 1567-68**
- dynamic strength ratio as limiting parameter in shock design, 6555**
- Navy design manual, changes, 6707**
- PACAF basic bibliographies, supp. 1, 5319**
- packaged disaster hospital, readiness plan, 13971**
- preschool facilities, planning, 11878**
- rigid pavement design for military airfields, 11894**
- schools built with fallout shelter, 5515**
- thin-shell construction, structural design, Army technical manual, 1651**
- Wisconsin, historic American buildings survey, 13882**
- Archives, National Oceanographic Data Center, data inventory, 7953**
- Arcoverde, Brazil, marshes of Serra das Varas, 9165**
- Arctic Aeromedical Laboratory, technical reports 76-82, 3780-83, 5312-15, 6797-99, 9857-60**
- Arctic Ocean:**
 Lights and fog signals, list, changes, 2483, 7960, 12408
 Soviet, lunar-solar semi-monthly and monthly tides, USSR study, 14796
- Arctic regions:**
 aerology in polar regions, USSR study, 1029
 and subarctic construction site selection and development, Army technical manual, 14226
 bibliography, 5841

Arctic regions—Continued

- biology and medicine symposia, proceedings, 14185
- building foundations, 12663
- cold regions of Northern Hemisphere, defining, 16958
- construction, calculation of depths of freeze and thaw in soils, Army technical manual, 5374
- construction, general provisions, 9908
- cross-country travel, energy cost, 3783
- emergency construction, technical manuals—
 - general provisions, 14227
 - site selection and development, 14228
- environmental health series, 5104
- geology and physiography aspects, 8249
- high polar ice sheets, measurement of natural particulate fallout, laboratory techniques and results, 8235
- ice cover of proglacial lake, 9887
- northeast to Arctic, pamphlet, 1632
- subsurface transportation methods in deep snow, 8246
- water production in polar ice gap by utilization of waste engine heat, 8247
- see also* Subarctic region.
- Are you planning on living rest of your life?, 1570
- Are you sure? guide for supervisors in employment of the handicapped, 10851
- Area designation status report, 3552
- Area handbooks:
 - Malaysia and Singapore, 9896
 - Morocco, 11401
 - Pakistan, 9897
 - Peru, 1646
 - Syria, 5366
- Area measurement reports, 1696–97, 15563
- Area-oriented multiple use analysis, 8971
- Area redevelopment, *see* Redevelopment (city planning, etc.)—Rural redevelopment.
- Area redevelopment act, *see* Unemployed.
- Area Redevelopment Administration:
 - accelerated public works program, local employment created, GAO, 6011
 - annual and final report, 3806
 - directories, approved projects, 2685
 - press releases, 3343
 - technical assistance, cumulative report, quarterly, 3438
- Area trends in employment and unemployment (periodical), 2687
- Area wage surveys, *see* Wages.
- Ares y Fernandez de Bosch, Myriam, *see* Bosch, Myriam.
- Aresco, Sebastian J., analyses of tippie and delivered samples of coal, 12250
- Argentic oxysalt electrodes, 4952
- Argentina:
 - Argentina-Uruguay boundary, study, 15342
 - foreign trade regulations, 10027
 - loan of destroyers, law, 426
 - mineral industry, minerals yearbook chapter, 10911
- Argon:
 - bromine dissociation rates, shock-tube investigation, 13821
 - dilute, viscosity and thermal conductivity coefficients between 100 and 2000° K, 13865
 - gas, partially ionized, effects of magnetic field on heat transfer, 6436
 - purge gas cooled by chill box, 9465
 - reaction of coal in argon and argon-hydrogen plasmas, 15030
 - resonant charge exchange cross sections, measurements, 4980
- Argulus, *see* Copepods.

- Argyle, Tex., railroad accidents, 12086
- Ariel, *see* Satellites.
- Arino, H., research in activation analysis, 6856
- Aristichthys nobilis Rich., motley tolstobiks, breeding in Amu Darya River basin, 4627
- Arithmetic, elementary, and learning aids, 4301
- see also* Ratio and proportion.
- Arizona:
 - and California, boundary survey, 3994
 - Apache Soil Conservation District, Hereford cattle at summer-range stock-water development (colored poster), 9662
 - California boundary compact, consent of Congress—
 - law, 15714
 - report, 13125
 - cattle ranches, economic and operational characteristics, 5866
 - census of business, 1963, retail trade, area statistics, errata, 186
 - census of manufactures, 1963, area statistics, 14250
 - climatological data, 2751
 - congressional districts, 90th Congress, 15608
 - Corduroy Creek basin, effects of juniper and pinyon eradication on streamflow, 10643
 - county business patterns, 225, 16999
 - electric rate book, 704
 - Indians, general information, 12041
 - life tables, 18010–11
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 - mineral industry, minerals yearbook chapter, 2321
 - nonpegmatitic beryllium occurrences, 15029
 - ponderosa pine forest, use by deer, elk, and cattle, 13365
 - precipitation data, hourly, 3045
 - spruce-fir forests, use of openings by elk, deer, and cattle, 13368
 - water, 9021
 - water supply outlook and snow surveys, 3687
 - water table characteristics under tamarisk, 4453
 - see also* Papago Reservation.
- Arkansas:
 - census of manufactures, 1963, area statistics, 15567
 - climatological data, 2751
 - congressional districts, 90th Congress, 15601
 - county business patterns, 1713
 - iron and steel scrap, 9360
 - life tables, 18011
 - Lono County Soil and Water Conservation District, contour irrigation of rice fields (colored poster), 9663
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 16996
 - mineral industry, minerals yearbook chapter, 1115
 - northern, low-flow characteristics of streams, 6032
 - precipitation data, hourly, 3045
 - soil survey laboratory data and descriptions, 16839
 - southern, low-flow characteristics of streams in Mississippi embayment, 10641
 - women, labor laws, summary, 14088
- Arkansas Post National Memorial:
 - development, increase authorization—law, 15713
 - reports, 10184, 13163

Arkansas River and Valley :
hydrology of alluvium, Muskogee, Okla.
to Fort Smith, Ark., 6040
lock and dam no. 6, name David D. Terry
Lock and Dam, law, 438
spillway for typical low-head navigation
dam, gate sills and stilling basins for
locks and dams, 5 and 7, 1991
water supply outlook and snow surveys,
3688

Armaments, see Munitions.

Armed Forces:

additional accumulation of leave in certain
foreign areas, hearings, 14410
appropriations, 1966—
military procurement, report, 17198
supplemental, military procurement and
construction—
hearings, 5797, 7117
law, 7031
reports, 566, 5757, 7079, 7083
appropriations, 1967, military procure-
ment—
hearings, 8766, 10232, 11593
reports, 8644, 8744, 12930
Armed Forces Day, 1966, report, 8795
armed services procurement manual ASPM
(manual), 7252
before you report for active duty, 3808
civilian and military personnel, imported
household and personal effects, customs
requirements, 16205
commander's guide to ready men and
ready materiel, 11403
commercial air transportation for service
personnel on authorized leave, hearings,
17363
commissioned officers in combat zones, in-
crease combat pay exclusion—
message from the President, 17162
report, 17307
defense procurement circular, 2845
defense supply procurement regulation, re-
vision, 2846
dependency and indemnity compensation
for survivors, amend U.S. code, report,
17203
dependents—
Defense Department, education overseas,
report, 7132
medical benefits, hearings, 8652
enlisted personnel, assignment to nonmili-
tary activities, GAO report, 4502
excess payments by servicemen on loan
accounts, 1849
FHA and home-buying serviceman, 698,
13319
Germany, Federal Republic, support in
United States in emergencies, agree-
ment, 6651
health benefits program for retired mem-
bers and dependents—
hearings, 13195
reports, 7105, 8612, 16091
legislation affecting, 89th Cong., 1st sess.,
hearings, title page, contents, and in-
dex, 1845
legislation enacted in 1965 relating to
servicemen, 6609
mailing privileges, provide—
law, 417
report, 489
mailing privileges, provide better over-
sea service—
hearings, 7157, 11827
reports, 7094, 17284, 17475
Marine troop leaders guide, 16547
members—
additional accumulation of leave in cer-
tain foreign areas, report, 12968
dependents, deceased, transportation at
Government expense, amend U.S.
Code, report, 1920

Armed Forces—Continued

members—continued
motor vehicles, transportation at Gov-
ernment expense, amend U.S.
Code—
hearing, 14409
report, 12938
permit assignment to Environmental
Sciences Services Administration—
law, 17149
reports, 17219, 17512
retirement in highest grade satisfac-
torily held, amend U.S. code, report,
12935
uniformed services, joint travel regula-
tions, 1962
voluntarily extending tour of duty in
hostile fire area, authorize special 30-
day period of leave, reports, 12969,
17509
methods for improving enlisted input, cur-
rent research activities, 15524
military personnel, recruiting, consolida-
tion of field organizations and facilities,
GAO report, 10622
NATO status of forces treaty, criminal
jurisdiction operations—
hearing, 17572
report, 17561
nonappropriated fund employees, place
under longshoremen's compensation act
as extended, 13285
obstructing in time of undeclared war,
make punishable, hearings, 15994
officer's career for women, 11847
officers professionally trained, construc-
tive service credit, report, 12863
postal services—
review of 7025 Air Postal Group, Eu-
rope—
hearing, 4143
reports, 5638, 17258
Vietnam and Thailand, on-site inspec-
tion, report, 17258
procurement regulation manual for con-
tract pricing, 7352
procurement regulations, 10382
revisions, 2688
retired members, employment under dual
compensation act, report, 7158
right job, guide for returning servicemen,
12553
savings, deposits of members serving out-
side U.S., improve program—
law, 15721
reports, 12921, 13180
servicemen—
5-cent commemorative postage stamp
(poster), 16783
group life insurance, handbook, 14063
purchasing and financing problems,
hearing, 17367
social security, 6606
soldiers' and sailors' civil relief act, as
amended, text, 1872
status of forces in Republic of China,
agreement, 14032
trophies, award, authorize—
law, 15712
reports, 11632, 13175
unified action, principles, doctrines, etc.,
covering, 9061
uniformed services retirement pay, elec-
tion of annuity for survivors, income
tax treatment—
law, 5590
report, 5768
USSR, regulations concerning chemical,
medical, and sanitary services, 960
voting information, 107
women, 14204
women officers, remove promotion restric-
tions, etc., amend U.S. Code, report,
15949
see also Pay, allowances, etc.—Reserve
components of Armed Forces.

INDEX 1966

- Armed Forces Day, 1966, Armed Forces report, 8795
- Armed Forces Industrial College, *see* Industrial College of Armed Forces.
- Armed Forces Information and Education :
DOD pamphlets, 107, 3807-8, 5338, 6823, 8222-23, 9882, 12648, 14203-205, 15502
voting information bulletin, 5339
- Armed Forces Institute :
catalog, 3807
correspondence courses offered by colleges, etc., DOD pamphlets, 14203, 15502
manual, 11840
supply announcements, 16215
supply brief, 10397
supply notes, 5857
textbooks, 5842
- Armed services, *see* Armed Forces.
- Armed Services Board of Contract Appeals, operation and effectiveness, hearings, 11833
- Armed Services Committee, House :
activities, 89th Congress, 1st session, 1965, report, 509
additional employees, report, 4110
calendar, 3112
Carl Vinson Room in Rayburn House Office Building, dedication ceremony, print as House document, report, 502
committee prints, 508, 1846, 5684-85, 14408A
hearings, 1845, 4121, 4123, 5683, 7117-21, 7124, 8652-56, 10230, 10232, 11643-644, 11789-791, 13015-20, 14409-412, 15962, 17359-361, 17363-364
interim report, 13021
military airlift, special subcommittee report, 10231
pay and allowances of uniformed services, compilation, 7125
report of Special Subcommittee on Tactical Air Support, 4122
reports, 1842, 5666, 5673, 7105, 8578-90, 8593, 8644, 10141, 10147-153, 10180, 11616, 11627-628, 11631-632, 12863, 12921, 12935-939, 12965-970, 12991-992, 12995-996, 15838-39, 15861, 15949, 15961, 17182, 17219, 17225, 17253, 17267, 17362, 17365
subcommittee reports, 7122-23, 8657
universal military training and service act, as amended, with analysis, 5682
- Armed Services Committee, Senate :
calendar, 3131
hearings, 569-570, 5797, 7204, 8766-67, 10323-325, 13194-196, 16174-176, 17570-572
investigations and studies, authorization, report, 4175
reports, 548, 1920, 4172, 5757, 7185-86, 8742, 8744, 8749-58, 10300, 11736, 11753-757, 11771, 13121, 13174-177, 13180-181, 16089, 16091, 16128, 16164, 17466, 17492-494, 17508-512, 17516, 17561
- Armed services papers, 509, 4121-22, 5682-83, 7117-24, 8652-57, 10230-232, 11643-644, 13015-21, 14409-412, 15961-962, 17359-365
title page, contents, and index, 1845
- Armenian Soviet Socialist Republic, meeting of AKTIV of party organization, 10758
- Armijo, Larry, statistical properties of radar echo patterns and radar echo process, 12563
- Armored force, cavalry regiment, field manual, 11399
- Armored tanks, *see* Tanks.
- ARMS, *see* Aerial radiological measuring survey.
- Arms (firearms), *see* Firearms—Munitions.
- Arms control, *see* Disarmament.
- Arms Control and Disarmament Agency :
annual report—
departmental edition, 8226
document edition, 8493
appropriations, 1967—
hearings, 15955, 17567
reports, 15938, 17348, 17539
conference developments and supporting activity, report, 1857
research report, 8227
telephone directories, 1493, 11260, 15344
- Armstrong, Arthur A., jr., radiation-induced oxidation of hydrocarbons, 5396
- Army :
aircraft—
automated cargo delivery systems, cost, etc., evaluation, 14233
fundamentals of electricity, 8271
Airmobile Division, troop topics, 1644
aviation—
company, field manual, 11398
digest, 3639
meteorology applicable, technical manual, 11404
training, prediction of success, 3843
combat readiness, hearings, 11791
enlisted personnel—
differential classification tests for ACB (Army classification battery), evaluation, 1673
dining facilities, technical manual, 14225
electronics information tests, 5377
optimal allocation, full regression equations vs. aptitude area scores, 8275
experimental tool and trade knowledge tests, validation, 3840
facilities, basic criteria and construction standards, technical manual, 14222
field, support command, field manual, 121
food, preparation and serving in garrison mess, technical manual, 8265
history, painting exhibit at Pentagon, 14213
image interpreters, selection battery, development, 9915
information digest, 2690
installations and major activities in continental U.S., lists, 6837, 16960
Judge Advocate legal service, pamphlets, 122-124, 1643, 5352-53, 5355-59
semiannual index, 5354
Korean War, truce tent and fighting front, 13668
logical model representing personnel flow relative to reduction of turbulence, USAPRO technical research notes, 3839
marginal man and military service, review, 8255
medical facilities, design, technical manual, 8264
changes, 9907, 14224
military police support, 16959
officer candidate school, general information, 12665
officers, career planning, 1647
organizational, technical and logistical data, staff officers' field manual, extracts of tables of organization and equipment, 3823
pathfinder operations, field manual, 8254
personal affairs handbook, pamphlet, 15512
personnel, unit officer's guide, pamphlet, 9898
procurement legal service—
cumulative index-digest, tables of materials digested, pamphlet, 12657
pamphlets, 5367, 9899, 11402, 12658, 15513
procurement procedure, changes, 114, 11392
programs, value engineering, pamphlet, 8228
readiness, REDCAT, REDCAPE, and REDCON ratings, 9895

Army—Continued
 recruiting and career counseling journal, 3457
 register, Jan. 1966—
 departmental editions, 11409-410, 12666
 document editions, 11601-602, 12850
 research and development magazine, 2691
 safety, unit management, 6841
 scientific information activities, 11137
 troop topics, 1644, 9895
 United States Army in World War II, 9358, 10907, 13669
 USSR—
 troop instruction on combat readiness, 1024
 troops, spiritual strength and revolution in military affairs, 1038
see also National Guard—Retired officers, etc.
 Army Audit Agency bulletin, 3628
 Army Aviation Materiel Laboratories:
 interim reports, 1634, 3813, 5342-43, 6827, 8231, 9885
 technical reports, 135-139, 1659-72, 3836-38, 8272-73, 14232-233, 15522-523
 list, 9912
 Army Department:
 aircraft grounded because of lack of repair parts, GAO report, 805
 appropriations, 1966, amendments, 17403
 appropriations, 1967—
 military construction, hearings, 11642
 public works—
 hearings, 10229, 16173
 reports, 15914, 16165, 17275
 Army regulations, 115, 3814, 8232, 15504
 Assistant Secretary, nomination of Russell D. O'Neal, hearing, 17571
 Capehart, Wherry, and other Government-owned family housing, management and utilization, GAO review, 7474
 chiefs and executives, organization chart, 3036
 civilian personnel pamphlets, 6828-29, 11394
 field manuals, 120-121, 1640-41, 3821-23, 5346, 6834, 8250-54, 11398-399, 12651-653, 16959
 Finance Center, Fort Benjamin Harrison, Ind., improvement in administrative audit of accrued-leave payments to re-enlistees, GAO report, 2082
 financial statements of Columbia River Federal Power System, GAO report, 16342
 grievances, supervisor development program, 6828
 helicopter detachable ground handling wheel assemblies procurement, GAO review, 17713
 idle ammunition production facilities, readiness, status, GAO report, 10628
 maintenance of combat vehicles, GAO review, 14736
 management analysis, pamphlet, 6836
 management intern program, 3825
 military law review, pamphlet, volumes 1-10, selected reprint, 3826
 pamphlets, 122-126, 1643-47, 3827-29, 5349-67, 6835-42, 8256-59, 9894-99, 11400-403, 12654-658, 14214-219, 15511-513, 16960-961
 prices negotiated on contracts for ammunition and weapons components, GAO review, 8997
 provisioning techniques, technical manual, 133
 publications, price list, 12457
 reporting of taxable income and tax withholdings of military personnel, GAO report, 13382
 tanks, equipment modification program, GAO report, 12003

Army Department—Continued
 technical bulletins, 5368, 15514
 technical manuals, 127-134, 1648-58, 3831-35, 5369-75, 6844-48, 8262-71, 9901-11, 11404-408, 12660-664, 14222-231, 15515-521, 16962-966
 within-grade increases and employee productivity, supervisor development program, 6829
 Army Engineer Division, North Pacific, technical report, 11890
 Army Engineer Research and Development Laboratories, news releases, 3359
 Army Geodesy, Intelligence and Mapping Research and Development Agency, news releases, 3359
 Army hospitals, *see* Military hospitals.
 Army Human Factors Research & Development Conference, 1965 proceedings, 5376
 Army Library:
 catalog of books on American Civil War, 5257
 periodicals currently received, checklist, 12577
 special list, 5257
 Army Map Service, inventories, management, GAO report, 7475
 Army Materiel Command:
 AMC pamphlets, 111-113, 3810-11, 5340-41, 6826, 8228-30, 9883-84, 11390-391, 14208-209, 16955
 AMC publications, military, index, 5340
 contractors guide for civilian agencies seeking business, 5345
 reports, register of approved recurring reports, 111-112, 3810, 11390
 safety digest, pamphlets, 6826, 11391
 scientific information activities, 5050
 Army Medical Research and Nutrition Laboratory:
 Fitzsimons General Hospital, report, 14235
 reports and reprints, bibliography, 5379
 Army Medical Service, annual report, 1962 fiscal year, 16968
 Army Missile Command, Nike-Hercules missile launching and handling rails, management control, GAO report, 17707
 Army National Guard, *see* National Guard.
 Army Nurse Corps, *see* Nurse Corps, Army.
 Army officers, *see* Army.
 Army Personnel Research Office:
 research publications, 1965, abstracts, 3842
 USAPRO technical research notes, 1673, 3839-42, 5377, 8274-75, 9914, 12667, 14234
 USAPRO technical research reports, 3843, 9915, 15524-525, 16967
 Army posts, *see* Military posts.
 Army rations, *see* Rations.
 Army Research Office, scientific research grants, general information, 11393
 Army Research Office (Durham):
 report, 9886
 research in progress, 9900
 Army Reserve:
 Army Reserve magazine, 2692
 officer candidate school, general information, 12665
 officers, active duty retirement benefits, GAO report, 13378
 personnel, training, equipment, and readiness status, hearing, 8767
 Army Security Agency, enlistment brochure, 9913
 Army Supply and Maintenance Command, reports, register of approved recurring reports, 3830, 8261
 Army Transportation Engineering Agency, USATEA reports, 5378, 9916
 Arnett, Ross H., jr., species of Oedemeridae of Big Bend region of Texas, 2469
 Arnhoff, Franklin N., National Institute of Mental Health student research stipend program in social work, 15290

INDEX 1966

Arnold, Charles J., relief, 12888
 ARO, *see* Aerospace Research Office.
 ARO—D report, 9886
 Aronson, Elliot, unemployment and retraining, annotated bibliography of research, 2285
 Around the corner, preparing today's students to meet tomorrow's world problems, 14030
 Array theorem, *see* Antennas.
 Arresters, *see* Lightning arresters.
 Arrowhead Regional Conference on Status of Women in Northern Minnesota, report, 14096
 ARS, *see* Agricultural Research Service.
 ARS series, 8-12, 1574-75, 3726-35, 5264-71, 6709-14, 8124-32, 9772-90, 11337-38, 12579-585, 14100-113, 15434
 Arsenic, radiochemistry, 1678
 Arsenic compounds (organic):
 nitchromazo for titrimetric microdetermination of sulfur, USSR study, 13539
 see also Biological products.
 Arsonium compounds, mercurated salts, USSR study, 16415
 Art, Robert J., American foreign policy, 1962 current documents, 12514
 Art:
 fine, use of computers, USSR study, 10765
 National foundation on arts and humanities act of 1965, summary, 4537
 public elementary and secondary schools, instruction, financial assistance, 8843
 significance of form, USSR study, 7631
 Von der Heydt collection, transfer title to Smithsonian Institution—
 law, 12828
 reports, 5777, 12927
 works of art and other objects in United States Capitol, compilation, 5597
 see also Paintings.
 Arteriosclerosis, hardening of arteries, cause of heart attacks, 9625
 Arthritis:
 and rheumatic diseases abstracts, 2693
 health information series, 2529
 report, Surgeon General's Workshop on Prevention of Disability from Arthritis, 13989
 highlights, 13957
 source book, 13958
 see also Osteoarthritis—Rheumatoid arthritis.
 Arthropoda, index-catalogue, 8134
 Arthur, C. E., radioactive contamination resulting from use of nuclear explosives for stimulating petroleum production, 1158
 Arthur Holly Compton Laboratory of Physics, dedication (remarks), 8298
 Artificial kidneys:
 bibliography, 13980
 parotid fluid uric acid responses to probenecid administration and to hemodialysis, 9874
 research and development program, opportunities for participation, 13980
 what it is, how it works, etc., 2521, 18000
 Artificial satellites, *see* Satellites.
 Artillery:
 air defense—
 engagement simulator, Army field manual, 5346
 weapons systems, qualification program, Army Dept. field manual, 12653
 field—
 battalion Little John, Army Dept. field manual, 12651
 cannon gunnery, Army field manual, 6834
 Artists:
 brushes, Federal standard, 4395
 commercial, employment outlook, 9223
 Arts, Advisory Committee on, *see* Advisory Committee on the Arts.

Arts and crafts, manual arts and crafts, PACAF basic bibliographies, 5321
 Arts and Industries Building, Smithsonian Institution, guide book, 16824
 Aryl compounds, polyarylates, USSR study, 2249
 Arzhak, Nikolay, *see* Daniel', Yu.
 Asaad, Blanche, L., relief, 8714, 17080
 Asaad, Ezzat N., relief, 8713, 17079
 Asbell, Bernard, National Conference on Education of the Disadvantaged, proceedings, 13275
 Asbestos:
 amosite, disposal from national and supplemental stockpiles—
 hearing, 10325
 law, 10073
 reports, 8588, 8756
 crocidolite (harsh) disposal from supplemental stockpile—
 hearings, 11643
 law, 11572
 reports, 10151, 11756
 minerals yearbook chapter, 17833
 products, census of manufactures, 1963, industry report, 5445
 workers, employment outlook, 9261
 Ascorbic acid, protection against inactivation of lysozyme and adolase by ionizing radiation, 1625
 ASCS, *see* Agricultural Stabilization and Conservation Service.
 ASCS background information BI series, 6720-37, 9800-2
 Asepsis, maintenance in hospitals design features affecting, 7997
 Ash, William J., raising ducks, 6744
 Ashby, Lowell D.:
 growth patterns in employment by county, 1940-50 and 1950-60—
 Far West, 14247
 Great Lakes, 8322
 Midwest, 5437
 New England, 5436
 Plains region, 12693
 Rocky Mountain, 12696
 Southeast, 12694
 Southwest, 12695
 Ashizawa, Roy Y., mineral industry of Hawaii, 1124
 Asia:
 Asian, Latin American, and African peoples tricontinental conference, staff study, 10358
 central—
 atmospheric turbidity, USSR study, 1004
 fish reserves in reservoirs, USSR conference, 10787
 fishery resources, convention, 12163
 hydrobiological research, USSR study, 9147
 runoff of mountain rivers, problems of foresting, USSR study, 6216
 statistical structure of wind field, USSR study, 14877
 wandering of rivers and lakes, USSR study, 1061
 cooperative development program (remarks), 14052
 east and south, agricultural production, indices, 5868
 ethnography and anthropology, materials and research, USSR study, 12099
 health information for travel, 6579, 16795
 language, classification, Library of Congress, 4741
 literature, classification, Library of Congress, 4741
 Pacific Coast, tidal current tables, 15638
 Peace Corps volunteers, 12450

Asia—Continued
social science research studies, current list, 12522
south—
market profiles, 11519
regional mineral industry review, minerals yearbook chapter, 2347
south and east, translations, 3611
south and southeast, bibliography, 7322
southeast—
Asian studies (Japanese periodical), translations, 927, 942
background information, revision, 7213
investment information and opportunities, 16383
military and economic assistance, supplemental appropriations, 1966—
hearings, 5681
law, 7038
proposal, 4067
reports, 5679, 7184, 8544
military construction appropriations, 1967, hearings, 17358
special study mission, report, 7099
weapons and equipment recognition guide, 6840
Soviet Central, Volga Germans, 14934
United States policy—
hearings, 7144
report, 14387
print as House document, reports, 13000, 16099
report of subcommittee, 10244
United States trade, 1963-65, Communist areas, 14327
west—
agricultural situation, 1965 review and 1966 outlook, 8834
agriculture, 5867
Asian Development Bank:
appropriations, 1967, hearings, 13014
ceremonies marking deposit of United States instrument of ratification (remarks), 15400
cooperative development plan (remarks), 14052
establishing, agreement, message from the President, 4066
United States participation—
hearings, 4124, 5805
law, 7033
reports, 4101, 5770
Asimov, Isaac, genetic effects of radiation, 15547
Asparagus, market diseases, 16920
Aspect ratio, *see* Wings (aircraft).
Aspin, Arnold, packer feeding of cattle, volume and significance, 16930
Aspen:
growth and yield of well-stocked stands in Alaska, 4471
Minnesota's, and projected supply, 14703
Aspen Emphysema Conference, conclusions on management of chronic obstructive lung diseases, 11192
Asphalt, California consuming industries, use of mineral fillers, granules, and roofing rock, 13683
see also Roofing.
ASPM series, 7252
Assateague Island, general information, 13877
Assateague Island Seashore National Park, bill signing ceremony (remarks), 1397
Assemblers, factory operatives, employment outlook, 9237
Assets and liabilities, *see* Banks and banking—Federal reserve member banks.
Assistance, *see* Public assistance.
Associations, *see* Educational associations—Societies.
Ast, Kathryn C., relief, 475
Asteroids, *see* names of asteroids.
Asthma, general information, 16797

Astronautics:
coordination of human voluntary movements during flight in outer space, USSR study, 7547
flight in space training vehicle, USSR study, 4650
high-power-level temperature controller for space flight applications, 7842
interplanetary monitoring platform—
IMP-1-Explorer XVIII, flight report, 7870
IMP-II Explorer XXI, flight report, 11048
manned space flight—
Belyaev and Leonov, USSR study, 6227
effects of confinement as factor, 13711
influence on cardiovascular function, 14196
medical problems of weightlessness, 8220
Project Mercury and Gemini, 9444
Projects Mercury, Gemini, and Apollo, suggestions for lesson planning, 6350
psychiatric selection of candidates, 8203
reactions of humans and animals, USSR studies, 13515
status today, etc., 13706
orbital rendezvous and transfer problems, computational method, 13823
physiological methods in cosmonautics, USSR study, 14821
planetary flight handbook, 9445
space flights—
dental kit encasement for emergency use in extraterrestrial missions, 9872
diet, isolation of Mima and Herellea, experimental, 11382
investigations and research summary, 16712
investigations, opportunities for participation, change, 2449
Kosmos-110, effects on test dogs, USSR study, 12138
manifestations of hypokinesia (deconditioning) in body movement as compared to chair rest from 4 to 10 days, 6811
radiation safety, 2439, 11082
suspended animation, problems, USSR study, 4686
see also Navigator (interplanetary) missions.
Astronauts:
ability to establish lunar orbit using simplified guidance technique, 15154
Coriolis stimulation, responses, 9873
loads experienced by piloted launch vehicle, simulation, investigation, 7836
manual control of high-altitude Apollo launch abort, 11060
NASA, space flight team, biographies, 7751
pressure-suited subject under balanced-gravity conditions, water-immersion technique for study of mobility, 4900
propulsion devices for use in vicinity of moon, 4822
psychiatric selection for space missions, 8203
re-entry guidance and control, 1189
Astronomers, employment outlook, 9263
Astronomical observatories, orbiting Wisconsin experiment package data converter and display system, 17929
Astronomy:
astronomical papers, 7952
publications, price list, 13951
2d-order astronomical position determination manual, 314
errata, 5530
Soviet bloc research (periodical), 3524
Soviet research in Mali, 935
space, 1958-64, significant achievements, 15080

- Astronomy—Continued
timely problems, USSR study, 7553
USSR determinations, 16453
see also Radio astronomy.
- Astrophysical Observatory, *see* Smithsonian Astrophysical Observatory.
- Astrophysics:
American Meteorological Society abstracts, 13892
interferometers in astrophysics, USSR study, 4660
lighthouse of the skies, history of Smithsonian Astrophysical Observatory, 8019
Smithsonian contributions, 2560
Stomatology, *see* Stomatology.
- ASWEPS, *see* Antisubmarine Warfare Environmental Prediction Services ASWEPS manual series.
- Asymptotical optimal systems as model of process of teaching control, USSR, 10792
- Atchison, Topeka & Santa Fe Ry., accidents, 2140, 2142, 6094, 12071, 12081
- Atheism:
anti-Islamic propaganda, USSR studies, 4619
antireligious propaganda in Kara-Kalpak, ASSR, USSR study, 9068
atheistic propaganda against Islam, 10711
atheistic propaganda and Islam, USSR articles, 1025
Communist, and Moslem faith, USSR study, 10766
USSR—
atheistic work in sphere of religious emotions, 937
promoting among children, 16392
special courses needed in higher education institutions, 13553
students, teaching methods used to form firm convictions, 12114
- Atherosclerosis, lipid metabolism and atherosclerosis, USSR study, 7567
- Athey, Skipwith W., magnetic tape recording, 2375
- Athlete's foot, general information, 16796
- Athletic goods, *see* Sporting goods.
- Athletics:
amateur disputes in administration, hearings, 1933
Soviet analytical approach to physical training urged, 913
- Athol quadrangle, Mass., surficial geology, 9006
- Atlanta, Ga., area wage survey, metropolitan area, 13604
- Atlantian (periodical), 2697
- Atlantic alliance—
allied comment, 4219
basic issues, 5812
hearings, 11808, 17580
treaty and related agreements, 4220
- Atlantic Coast:
coast pilot—
Cape Cod to Sandy Hook, supp., 5531
Cape Henry to Key West, supp., 5533
Eastport to Cape Cod, 316
Gulf of Mexico, Puerto Rico and Virgin Islands, supplement, 6985
Sandy Hook to Cape Henry, supp., 5532
light list, Little River, S.C. to Rio Grande, Tex., and Antilles, 6991
menhaden catch, age and size composition, etc., 5965
nautical chart catalog, 6988
northern plain, hydrochemical facies and groundwater flow patterns in northern part of Atlantic Coast plain, 12022
South, ports, 13294
storm warning facilities chart—
Cape Hatteras, N.C. to Brunswick, Ga., 12559
Eastport, Me., to Montauk Point, N.Y., 15418
- Atlantic Coast—Continued
storm warning facilities chart—continued
Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 12561
Montauk Point, N.Y. to Manasquan, N.J., 15419
surface water, temperature and salinity, 3991
transportation lines, 7330
waterborne commerce, 676
- Atlantic Coast Line R.R., accident, 14785
- Atlantic Community, *see* Organization for Economic Cooperation and Development.
- Atlantic Ocean:
hurricane season, TIROS coverage of 1963 season, 12335
northwest, fisheries convention of 1949, protocols—
report, 13091
text, 13080
northwest, U.S. cod fishery, 747
northwestern waters, marine cladoceran *Penilia avirostris* observations, 7444
notice to mariners, 3279
radio navigational aids, changes, 2484, 11146, 15238
radio weather aids, 2485, 12409
salinity and temperatures, distribution connected with subsurface equatorial countercurrent, USSR study, 893
western, Synodontidae (lizardfishes), field guide, 11967
- Atlantic-Pacific Interoceanic Canal Study Commission:
appropriations 1966, public works, law, 401
appropriations, 1967, hearings, 10229
members, compensation, etc.—
law, 11562
report, 10159
report, 17161
- Atlantic pact, *see* North Atlantic treaty.
- Atlantic States:
cost of transporting freight, 6086-87
Middle—
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
standard metropolitan statistical areas, facts for marketers, 6879
Midwest growth patterns in employment by county, 5437
North Atlantic slope basins, surface water of basin, records to Dec. 31, 1963, index, 4515
soil sampling small wetland forest plots in Coastal Plain, 14711
south Atlantic region, standard metropolitan statistical areas, facts for marketers, 14246
south Atlantic slope basins, surface water records to Dec. 31, 1963, index, 2095
South, manufacturing plants, location by county, industry, and employment size, 14258
see also Atlantic Coast.
- Atlantic Tunas, International Convention for Conservation, *see* International Convention for Conservation of Atlantic Tunas.
- Atlantic Union, delegation, establish, hearings, 8772, 17376
- Atlantida, case study in household sample surveys, 3937-38, 6937, 15596, 17012
- Atlas-Centaur launch vehicle, *see* Spacecraft.
- Atlases:
absorption of atmosphere, 6553
catalog of copyright entries, 5838, 17602
copyrighted, 1956
Indian Ocean, bathythermograph data, 15231
Navy marine climatic, Antarctic, 9600
solar flare effects in ionosphere, 5018
world atlas by Polish Army Topographical Service, 2164

Atmosphere:

absorption from 8512 to 11, 600A, atlas, 6553
 air motion, probing by Doppler analysis of radar clear air returns, 11317
 atmospheric diffusion and air pollution, problems, USSR studies, 7561
 atmospheric dynamics, USSR studies, 7582
 balloon altitudes, intensities and charge composition of low energy electrons, 2413
 carbon-14 measurements, 5392
 density variations over northern hemisphere, USSR study, 6241
 determination of atmospheric density with rocket-borne thermistor, USSR study, 2269
 emissions from coal combustion, inventory guide, 13961
 energy transformation in atmosphere of Northern and Southern Hemispheres and interaction of processes in both hemispheres, 2442
 flammable, temporary—
 lights, maritime safety data, 16523
 portable, shipboard ventilation for control, maritime safety data, 16524
 free, physics, USSR studies, 10778
 free; transparency of, and certain meteorologic characteristics, USSR study, 958
 heating, variations, and TIROS radiation measurements, 17874
 high altitude temperature measurements, thermistor arrangement, 13716
 layer height, scanning photometer system automatically determines, 9477
 lower layers, investigation of radio wave refraction at low angles of elevation, USSR study, 4612
 mean atmospheric densities during minimum solar activity determined by Explorer satellite, 11059
 mine, effects of gases on portable methane detectors, 9361
 particles, settling rate, USSR study, 14911
 physics, USSR studies, 2158, 13466
 planetary—
 continuing bibliography, 15091
 significant 1958-64 achievements, 7756
 radio refractive index, 7917
 radioactive equilibrium extent between radon and its short-lived daughter products, 16757
 radioactivity in Antarctica, 6551
 radiochemical analyses of filter samples collected under Project Stardust, 8282, 9919
 rarefied, gas exchange studies, peculiarities, USSR study, 1023
 rarefied, partially ionized, electromagnetic torques on spherical earth satellites, 6471
 reduction, operation of high temperature thermocouple, 7788
 spacecraft, effects of 100% oxygen on ignitibility and combustibility of materials, 3797
 tracking errors at S- and C-band frequencies, 13811
 transportation and dispersion over southern California, 5229
 turbidity in central Asia, USSR study, 1004
 turbulence research, USSR study, 16462
 upper—
 hydromagnetic wave propagation near 1 c/s, 15211
 molecular oxygen densities from rocket measurements of Lyman- α absorption profiles, 6340
 errata, 9392
 radioactivity sampling, agreement with Australia, 15362
 static diffusion models with empirical temperature, profiles, 2560

Atmosphere—Continued

vertical distribution of water vapor over Kwajalein Atoll, Marshall Islands, 12440
 visual resolution and optical scintillation over snow, ice and frozen ground, 8233
 weather modification to increase yield of atmospheric water, authorize research, hearings, 13220
 see also Ionosphere—Mesosphere—Stratosphere.
 Atmospheric electricity:
 stations, measurements from system, 5070
 unitary conduction currents as measure of thunderstorm activity for entire surface of earth, 2446
 Atmospheric entry:
 ablative heat-shield materials, high-velocity impact craters in, determination of temperature and material effects, 16689
 Apollo infrared acquisition and tracking system, 16649
 approximation reentry angles of attack for spinning body from rate-gyro and accelerometer data, 12362
 charring ablation thermal protection system, analysis, 2432
 heat input for manned vehicles at hyperbolic speeds, minimization, 9544
 heat-shield—
 ablation measurements using radiolotope techniques, 7852
 char-front recession, determination with nucleonic technique, 9511
 heat transfer, convective and radiative, during superorbital entry, 16600
 hypersonic reentry, Trailblazer IIa9° half-angle blunt nose cone, radar cross section and optical radiation, 4956
 M2-F1 lifting body flight vehicle, longitudinal aerodynamic characteristics, 6468
 nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
 optimum earth re-entry corridors, 6342
 photometric analysis of spectrograms of 2 Trailblazer I payload reentry events, 9520
 pilot re-entry guidance and control, problems, study, 1189
 planetary entry configurations, dynamic study, 13818
 Project Fire—
 instrumentation for radiative heating, etc., measurements, 17918
 payload reentry flight, angle-of-attack, analysis, 7879
 photographic summary, etc., 17913
 Project Sparta in Australia, agreement with Australia and United Kingdom, 15348
 reentry guidance scheme for return from manned Mars mission, 9535
 supercircular entry guidance concept designed for maximum monitoring capability, 17926
 tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
 X-15 control experiences pertinent to lifting entry, 4978
 Atmospheric pressure:
 and temperature in conterminous U.S. interdiurnal variability, 9767
 changes, effects of bleeder entries in gassy coal mine, 10924
 colloidal suspension simulates linear dynamic pressure profile, 11008
 high pressure living, new developments, 6283
 increased partial pressure of oxygen, testicular function in roosters and mice after exposure, 12631
 laboratory pressures of up to 10 million atmospheres created by Soviet scientists, 13506

- Atmospheric pressure—Continued
low, verbal communication intelligibility in oxygen-helium breathing mixtures, 8205
reduced barometric pressure and respiratory water loss, 6814
upper stratosphere and mesosphere measurements, 13848
- Atmospheric refraction, effects on sonic-boom ground-pressure patterns, 15152
- Atmospheric sounding, *see* Sounding (meteorology).
- Atolls, *see* Coral reefs and islands.
- Atomic absorption, methods for analysis of selected metals in water, 17726
- Atomic auxiliary power generators, SNAP nuclear space reactor, principles and uses, 15551
- Atomic beam, determination of cesium-cesium total scattering cross section, 2436
- Atomic blasting:
Isthmian Canal studies—
construction of Isthmian sea level canal by nuclear methods, 152
excavation with nuclear explosions, 154
general construction plan for sea-level canal, 157
nuclear excavation plans, 153
nuclear operations, 156
on-site survey program, 158
safety evaluation for air blast, ground shock, throwout, and dust, 155
- Atomic bonus, non-nuclear benefits from nuclear development, 12686
- Atomic energy:
act of 1954, amend—
hearings, 15778
law, 17135
reports, 15913, 15926, 16135
application of safeguards by IAEA, agreement with Austria, 15345
atom quenches thirst, USSR study, 1069
atomic bonus, non-nuclear benefits from nuclear development, 12686
atomic transition probabilities—
bibliography, 7916
hydrogen through neon, 11092
code of Federal regulations, 3859, 7408
cooperation for civil power applications, agreement with United Kingdom, 16861, 16864
cooperation for civil uses, agreements with—
Israel, 9726
Korea, Republic, 8086
Spain, 12536
cooperation for civil uses, application of safeguards by IAEA to agreement with
Greece, 8081
Portugal, 6645
cooperation, international agreements, hearings, 1790
eye on atom, role of photography in nuclear research and development, 162
employment outlook, 9294
fundamental nuclear energy research 1965, AEC supplemental report, 3855
growth of foreign nuclear power, 12685
IAEA's activities in peaceful uses of nuclear energy (remarks), 15543
in use, general information, 3854
industry, development, growth, and state, 1965, hearings, 1789
international cooperation, report, 9930
legislation through 89th Congress, 1st session, compilation, 4037
levels, 1680
literature, what's available, 11435
new worlds in atomic energy (remarks), 164
nuclear and radiation standards of importance to national atomic energy program, 7919
- Atomic energy—Continued
nuclear energy and generation of power (remarks), 9932
nuclear energy for desalting, 15548
nuclear industry, 1965, report, 165
nuclear power-desalting, large-scale combination project—
hearing, 17150
report, 17497
nuclear progress at Yale (remarks), 15541
nuclear space program, organization and plans (address), 166
oceanographic applications of nuclear energy (remarks), 167
peaceful environment of the atom (remarks), 16981
peaceful uses, Bulgaria, progress noted at session of permanent commission, 14952
Plowshare program, Isthmian Canal studies, 1964—
construction of sea level canal by nuclear methods, 152
general construction plan, 157
nuclear excavation plan, 153
nuclear operations, 156
on-site survey program, 158
safety evaluation for air blast, ground shock, throwout, and dust, 154–155
products, current industrial reports, 15590
program, bibliographies, 6860
programs, major activities, 6870
Rankine space power systems, AIAA specialists conference, 12673
remote handling of mobile nuclear systems, 5410
research progress reports—
Agricultural Research Laboratory, University of Tennessee, 6858, 11431
New Brunswick Laboratory, 6853
role of nuclear energy in space (remarks), 5425
safeguards, application by IAEA for peaceful uses, agreement with—
China, 2587
Philippines, 2585
South Africa, 2586
Vietnam, 2589
single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
SNAP 8 radiation effects test program—
components and assemblies, 7747
electrical insulation materials, 7746
gamma spectrum measurements, 7745
space nuclear power generators, hearings, 5591
toxicity of radioelements, research program, 8306
training demonstrations about principles and beneficial uses of nuclear energy, 15544
understanding the atom series, 1688, 11441–444, 15547–551
you can learn more about atomic energy, 5429
- Atomic Energy Agency, International, *see* International Atomic Energy Agency.
- Atomic Energy Commission:
accelerator radiation dosimetry and experience symposium, proceedings, 12674
AEC citation for outstanding service (remarks), 168
AEC research and development reports, 142–161, 1674–85, 3846–53, 5382–5417, 6851–68, 8276–97, 9917–28, 11411–440, 12668–685, 14236–237, 15526–539, 16970–976
AEC symposium series, 5384, 12675
Albuquerque Operations Office, standard structure for managerial data, 5382
appropriations, 1966, public works, law, 401
appropriations, 1967, authorizing—
hearings, 8482, 10092
law, 10079
reports, 8632, 8748, 10121

Atomic Energy Commission—Continued
 appropriations, 1967, public works, hearings, 10229
 cataloging reports, report number series used by Technical Information Division, 11433
 contractors operating facilities, savings through increased purchasing from GSA supply sources, GAO report, 16346
 descriptive cataloging guide, 5405, 16976
 facilities, industrial accidents, 1963-64 summary, 5406
 film catalog (16 mm)—
 popular level, 15552
 professional level, 11445
 financial report, 16978
 fundamental nuclear energy research 1965, supplemental report, 3855
 indemnity provisions of act of 1954, amend—
 hearings, 15778
 law, 17135
 reports, 15913, 15926, 16135
 licensing guides, 3845, 3381, 6849
 industrial radiography, notice, 1686
 Nevada test site, allowances to employees, law, 7047
 news release index, 6850
 Nuclear Instrument Module Committee, standards adopted, 6862
 nuclear power-desalting, large-scale project, authorize—
 hearing, 17150
 report, 17497
 preferential allowances paid contractor employees at Hanford Works, Richland, Wash., GAO report, 10623
 press releases, 3344
 procurement and utilization of security covers for nuclear weapons, GAO review, 16349
 programs, major activities, 6870
 radioactive material shipments, incidents involving, 1963-64 summary, 9927
 report—
 departmental edition, 6869
 document edition, 7171
 reports, opinions and decisions, 9929
 research and development in progress, biology and medicine, 9924
 research in—
 chemistry (off site), summaries, 5404
 metallurgy, solid state physics and ceramics, 5403
 rules and regulations, 2698, 3859
 Sandia Laboratory, Albuquerque, N. Mex., photographic equipment, utilization and procurement, review of controls, GAO report, 4503
 savings attainable through reductions in fire department and guard force staffing at contractor-operated installations, Oak Ridge Operations Office, GAO report, 9001
 selling to AEC, 15546
 transferring control of land in Otowi section to, report, 17514
 Atomic Energy Joint Committee:
 committee prints, 4037, 7048
 hearings, 450, 1789-90, 4038, 5591, 7049, 8482-83, 10092, 15778, 17150
 membership, publications, etc., through 89th Cong., 1st sess., 7048
 reports, 8632, 8747-48, 15913, 16135, 17497
 Atomic ordinance, Federal item identification guides for supply cataloging, supplements, 2940
 Atomic physics, *see* Nuclear physics.
 Atomic power plants, *see* Nuclear reactor power plants.
 Atomic radiation, *see* Radiation.
 Atomic ships, *see* Nuclear powered ships.
 Atomic transition probabilities, hydrogen through neon, 11092

Atomic warfare:
 application of statistics to resource management program (paper), 657
 civil defense and current damage limiting studies (speech), 14292
 damage assessment systems, measuring effectiveness criteria (paper), 658
 gaming, logistics of national survival, 1982
 hospital planning, 1422
 nuclear fire, defense against in U.S., national fire coordination study, 10553, 16320
 nuclear warfare defense, Navy handbook, 2312
 Atomic weapons, *see* Weapons.
 Atomization of ethanol jets in combustor with oscillatory combustion-gas flow, 15147
 Atoms:
 atoms for peace, milestone in international cooperation, Germany's participation in program (remarks), 5418
 atoms in action exhibit, Utrecht, Netherlands (remarks), 5424
 Atoms in Action Nuclear Science Demonstration Center, research and teaching program (remarks), 15544
 competition and the peaceful atom (remarks), 5419
 cross section for impact ionization of H(1s) atoms by H(1s) atoms near threshold, 2420
 eigenfunctions and eigenvalues introduced by Bethe for linear chain of atoms, 11100
 electron attachment to atomic fluorine in thermally ionized air, 12274
 empirical and semi-empirical interatomic intermolecular potentials, survey, 16715
 eye on atom, role of photography in nuclear research and development, 162
 future in space (address), 12687
 hydrogen-atom, catalysis, recombination in rocket nozzles, 6341
 metastable, effects on volume ion production in tenuous helium plasma, 1280
 errata, 12334
 nature, and man, 11441
 quenches thirst, USSR study, 1069
 understanding the atom series, 1688, 11441-444, 15547-551
 X-ray spectra, in polar crystals, USSR study, 1050
 ATP, *see* Adenosine triphosphate.
 Atropine, effect on parenterally induced Coxsackie B infection in mice, 78
 ATS, *see* Air Traffic Service.
 Attachment, garnishment, State laws, 12205
 Attention:
 quantal interpretation of sensory channel uncertainty and reaction time and psychological time quantum and discrimination of succession, 9427
 talk and listen, guide for parents, 8163
 time constant involved, 9402
 visual sampling behavior of human observers, 9408
 Attenuation:
 air-scattered radiation in basement, 3846
 radiation from artificial earth satellites, USSR study, 14890
 Attenuation coefficients, *see* Coefficients.
 Atterbury, Camp
 legislative jurisdiction, retrocede to Indiana—
 hearing, 17360
 report, 12995
 Attitude (psychology):
 officer career attitudes, multiple linear regression analysis, 3790
 Attitude control, *see* Satellites—Spacecraft.
 Attorney General, *see* Justice Department.
 Attorneys, *see* Lawyers.
 Atvars, J., refraction of sound by jet flow or jet temperature, 10960

INDEX 1966

- Auburn-Folsom South unit, *see* Central Valley project.
 Audio amplifier, *see* Amplifiers.
 Audio-visual equipment:
 educational, scientific, and cultural character implement—
 Beirut agreement—
 hearings, 11692
 report, 12979
 Florence agreement—
 law, 17138
 reports, 12978, 17500
 market in United Kingdom, 174
 Audio-visual instruction, NDEA institutes for advanced study for educational media specialists, 5884A
 Audiologists, employment outlook, 9277
 Audiology:
 impaired auditory mechanism, monaural versus binaural discrimination for filtered CNC materials, 15491
 monaural vs. binaural discrimination for filtered CNC materials, 5330
 speech discrimination, expanded test using CNC monosyllabic words, Northwestern University auditory test, 15489
 Audiometers, semiautomatic, comparison with manual audiometry, 5332
 Auditing:
 audits of Government contracts, by GAO, 16340
 automatic data processing systems, guide, 12625
 bank audits by public accountants, analysis, 10233
 Disabled American Veterans accounts, by GAO, report, 15900
 postward audits, need for in Defense Dept. contracts, GAO report, 6014
 see also for audit reports, names of corporations, etc.
 Auditors:
 examination announcements, 1751, 17036-37
 amendments, 3967, 8388, 8392
 pay, survey, 2303
 Auditory acuity, *see* Acuity.
 Auditory perception, *see* Perception.
 Auditory system, *see* Hearing.
 Audits, *see* Auditing.
 Auferman, Carl A., rocket performance of Apollo storable propellants in engines with large area ration nozzles, 15173
 Aurora, Minn., geology and ground-water resources of area, 7491
 Auroras:
 polar aurorae at high latitudes, investigation, 4992
 polar, USSR study, 6105
 Ausson, Donald E., relief, 12885
 Ausmus, Norma F., current employment market for engineers, scientists, and technicians, 14567
 Austin, Morris E., land resource regions and major land resource areas of United States, 3744
 Australia:
 Christmas Island—
 mineral industry, minerals yearbook chapter, 6297
 radionuclide content of foodstuffs, Operation Dominic, 8297
 chronic health care, comparison with American, etc., methodology, 11684
 health information for travel, 6579, 16795
 lights and fog signals list, changes, 1337, 6522, 9582, 13895
 mineral industry, minerals yearbook chapter, 6295
 Nauru Island, mineral industry, minerals yearbook chapter, 6297
 north and west coasts, sailing directions, change, 17968
 patent, trademark, etc., protection, 345
 Australia—Continued
 Project Sparta, flight reentry program, agreement, 15348
 radioactivity sampling of upper atmosphere, agreement, 15362
 southeast coast, sailing directions, change 12404
 tracking stations, agreement, 11265
 wheat marketing system, 4432
 Austria:
 atomic energy, cooperation for civil uses, application of safeguards, agreement, 15345
 background notes, 6621
 economy, basic data, 11515
 establishing business, 12771
 Italy boundary, study, 5154, 11256
 labor conditions, 13623
 mineral industry, minerals yearbook chapter, 7687
 Authors:
 author index, particles and fields research, bibliography, 12291
 condemnation of Soviet authors, A. Sinyavsky and Yu. Daniel', USSR study, 6103
 L.C. national union catalog, cumulative list, 3242
 register of additional locations, 2308, 14986
 technical writers, employment outlook, 9283
 trial of Soviet authors, A. Sinyavsky and Yu. Daniel', remarks by Western critics, 9084
 Ukrainian—
 arrests, interpretation by emigree organization Prologue, 12110
 repressions against, 12097
 Autoclaves, expansion values of portland cement, interrelations between cement and concrete properties, 13855
 Automata forecasting random process, USSR, 1051
 Automated drafting system uses computer techniques, 13797
 Automatic bowling machine mechanics, *see* Mechanics (persons).
 Automatic data processing equipment, *see* Electronic data processing systems.
 Automatic fluid separator supplies own driving power, 4845
 Automatic gain control circuit handles wide input range, 7765
 Automatic machinery:
 automatic machines and man, USSR study, 4589
 man and automatic machines, USSR study, 16472
 Automatic pickup for bags, tags, and cartons in packaging and labeling agricultural products, 6710
 Automatic picture transmission:
 users guide, 1994
 errata, 7341
 Automatic protective vent has fail-safe feature, 15099
 Automatic Standard Magnetic Observatory, general information, 17050
 Automation:
 aircraft cargo delivery systems, cost, etc., evaluation, 14233
 and changing cities (remarks), 11115
 and control of economics in Soviet Union, 12093
 automated production control systems, USSR developments, 16399
 automatic control and methods of electric measurements, 2440
 automatic control systems—
 metallurgical industry, USSR study, 1008
 theory, 2440
 automatic control theory, analytical conditions of positiveness of real functions, 6189

- Automation—Continued
 automatic instruments and equipment, production, USSR study, 14928
 automatic merchandising, bibliography, 16822
 automatic operational management of processes of production, USSR study, 7635
 automatic recording and transmission installation for meteorological data, East German study, 1039
 automatic regulation and control, USSR studies, 15203
 automating compilation of programming programs, USSR study, 12096
 automation and technology in education, 17151
 automation and telemechanics, USSR studies, 6239
 automation, skill, and manpower predictions, 17802
 cybernation, people eaters or prosperity makers? (remarks), 1320
 cybernetic diagnosing of diseases, Czechoslovak achievements, 4681
 cybernetics and automation, USSR studies, 14810
 determining error in system for automatic calculation of technical-economic characteristics, USSR study, 13481
 ethics in automation (remarks), 11118
 finite probability automata, test for representability of events, USSR study, 990
 Hungarian views, 888
 Hungary, research achievements and trends, 10708
 impact on collective bargaining (remarks), 7933
 industrial equipment exhibit reflects the value of esthetics in working conditions, USSR study, 2252
 mail handling mechanization (address), 2509
 man-machine relationships in railroad control, USSR study, 17791
 manpower and automation research sponsored by Office of Manpower, Automation and Training, 2282
 manpower, research monographs, 1080, 14961
 modelling human behavior, conferences on programming and automatic control, USSR studies, 13532
 nationwide studies, 1087
 office, impact in insurance industry, 4730
 people and pensions (remarks), 9562
 potential effects on banking structure (remarks), 10510
 problems, etc., USSR study, 4594
 production, complete, solution of problems, USSR study, 9162
 railroad operations, USSR study, 12145
 reviews of new Soviet books, 13484
 structure and functioning of banking, effects (remarks), 2026
 synthesis of nonlinear control laws, USSR study, 9153
 cancellation, 14790
 technology—
 Communist Chinese abstracts, 2770
 East European abstracts, 2867
 USSR abstracts, 3673
 USSR 3d All-Union conference on automatic control, technical cybernetics, 2169
 water data records, review of procurement of equipment for implementing, Geological Survey, GAO report, 13381
 working with automation (remarks), 17954
see also Optimal processes.
- Automobile-body repairmen, apprenticeship and training standards, 14201
 Automobile drivers, health aspects of driver licensing, 5130
 Automobile insurance, high-risk, industry, investigation, hearings, 4226
 Automobile mechanics, *see* Mechanics (persons).
 Automobile painters, *see* Painters.
 Automobile parking, *see* Parking of vehicles.
 Automobile parts, *see* Automobiles.
 Automobile service-station attendants, *see* Service-station attendants.
 Automobiles:
 automobile mechanics, apprenticeship standards, 11388
 automotive products trade agreement with Canada, achievements (address), 8418
 consumer buying intentions, 268, 5496, 11474, 14278
 crankcase ventilation systems, performance, 15293
 disabled veterans, liberalize provisions of grants, report, 11749
 industry, cooperation with Govt. for safety, fighting inflation, etc. (address), 4021
 junked, disposal, hearings, 13228
 parts countermeasures, employment outlook, 9210
 prices of 1966 models, 10883
 scrap use, potential increase (address), 4017
 travel by Federal employees, cost reductions through use of Govt.-owned vehicles, GAO report, 14730
 USSR industrial development, translations, 3658
 see also Passenger cars.
 Automotive body and fender repairmen, *see* Body and fender repairmen.
 Automotive painters, *see* Painters.
 Automotive service specialists, *see* Mechanics (persons).
 Automotive tires, *see* Tires.
 Automotive trades, *see* Motor vehicles.
 Automotive vehicles, *see* Motor vehicles.
 Autopsy, processing and storage of viable human tissues, 16808
 Autoradiographs, autoradiographic examination of airborne fallout for Oct.-Nov. 1964, 1413
 Autoregulation in cytology and cytochemical studies of nerve cells, USSR, 977
 Autumn, mean date of first 32° (F.) temperature, 8866
 Autumn olive for wildlife and other conservation uses, 42
 Avalanches:
 Little Tahoma Peak, 2092
 manual for planning structural control, 13371.
 Avedon, E. M., recreation and mental retardation, 18071
 Averbach, B. L., micro- and macrocrack formation, 2551
 Averitt, Paul, coking-coal deposits of western United States, 10633
 Avery, Ivan F., carbon black in 1965, annual, 10909
 Avery, James P., Green's function approach to vibration of thin spherical shell segments, 16611
 Aviation, *see* Aeronautics—Aircraft—Army aviation.
 Aviation accidents, *see* Aircraft accidents.
 Aviation boatswain's mates:
 E 3 & 2, Navy training course, 5060
 H 3 & 2, Navy training course, 12413
 Aviation company, field manual, 11398
 Aviation fields:
 drainage and erosion control, Army technical manual, 1654
 lighting, Navy design manual, changes, 1569
 military, instrument approach procedure charts, 3196

INDEX 1966

Aviation fields—Continued

- pavements—
 - evaluation concepts, technical manual, change, 5371
 - flexible, evaluation, engineering and design, technical manual, change, 5372
 - Navy design manual, changes, 1569
- Aviation fuel, *see* Turbine fuel.
- Aviation machinists mate J 1 & C, Navy training course, 15241
- Aviation medical examiners, directory, 9939
- Aviation medicine, *see* Medicine.
- Aviation oils, *see* Fuel oils.
- Aviation structural mechanics, *see* Mechanics (persons).
- Aviators:
 - aeronautical communications and pilot services, ATS handbooks, 3800, 12647
 - airline transport pilot, written examination guide, 8945
 - comfortable approach speed criteria derived from closed-loop pilot-vehicle systems analyses, application to ogee wing aircraft, 15072
 - commercial pilot, examination guide, 10544
 - Coriolis stimulation—
 - motion sickness, speed of recovery, 14194
 - responses, 9873
 - vestibular, effects of flying experience, 9877
 - decompression effects on performance, 11448
 - flight navigators—
 - certificates and training courses, Federal aviation regulations, 13308
 - certification, Federal aviation regulations, 16261
 - gyroplane commercial pilot, flight test guide, 14683
 - gyroplane pilot, private and commercial, written examination guide, 11982
 - helicopter private and commercial pilot, flight test guide, 2010
 - human tracking performance in uncoupled and coupled 2-axis systems, 15045
 - human transfer functions in multi-axis and multi-loop control systems, 9512
 - maxillary sinus disease, 9862
 - memorandum for aviators, 3189
 - multiengine airplane class or type rating, flight test guide, 11981
 - pilot describing function measurements in multiloop task, 15052
 - pilot opinion of trim changes for STOL airplanes, simulator study, 6433
 - pilot proficiency, assessment, 15250
 - pilots and flight instructors, certification, Federal aviation regulations, 11909-911, 16260
 - changes, 14602
 - pilots and other personnel, medical research on aging, GAO review, 8996
 - private pilot, single-engine airplane, flight test guide, 16317
 - private pilot's handbook of aeronautical knowledge, 11983
 - student pilot guide, 7445
 - tracking tasks for human pilot, 6430
 - visual sampling behavior of human observers, 9408
 - see also* Notice to aviators.
- Awakening, performance upon sudden awakening, 97-98
- Awards (arbitration):
 - National Railroad Adjustment Board, 2474, 6517, 7949, 11133-136, 13889, 15226-228, 16739, 17963
- Awards (incentive), *see* Rewards (prizes, etc.).
- Awbrey, Stuart, Peace Corps volunteer, 3314
- Axial compression, buckling of imperfect cylinders, 15051
- Axial flow, *see* Flow.
- Axial leads, semiautomatic device tests components with biaxial leads, 13772
- Axial-load fatigue, *see* Strains and stresses.
- Axilrod, Benjamin M., empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715
- Axes, vehicular, identification list for Federal supply catalog, Defense Dept. section, 5851
- Ayers, Archie R., student services administration in higher education, 10431
- Ayrshire cattle, *see* Cattle.
- Ayuda de la FHA para permuta de viviendas, 8896
- Ayudando a la gente en grupos, seis documentos de trabajo presentados en el Seminario sobre Servicios de Grupo, 14584
- Azaleas, planting and care, 5291
- Azerbaydzhan Soviet Socialist Republic:
 - scientists elected to Academy of Sciences, 17795
 - water resources of administrative regions, estimate, 14892
- Azov Sea of, lights and fog signals, list, changes, 5056, 7958, 13897
- Azovskoye More, *see* Azov, Sea of.

B

- B.T., *see* Bacillus thuringiensis.
- Baath, national socialistic party, past and present, 6131
- Baier, Clayton E., Fortran IV 2-dimensional discrete angular segmentation transport program, 15178
- Babies, *see* Infants.
- Babitzke, Herbert R., high-temperature columbium and tantalum alloys, 10919
- Baboons, anesthetized, cardiac output and regional blood flow, 12637
- Baboquivari Mountains, mesozoic rocks, 2090
- Baby, *see* Infants.
- Bache, G. Michael, market for U.S. products in Ivory Coast, 7527
- Bachelor's degrees, *see* Degrees (colleges, universities, etc.).
- Bacigalupi, Robert J., dependence of adsorption, properties on surface, structure for body-centered-cubic substrates, 2426
- Bacillus anthracis, variability in natural conditions, USSR study, 16423
- Bacillus thuringiensis:
 - control agent for gypsy moth, field and laboratory investigations, 17699
 - use in field test against budworm, 13361
- Back, William, hydrochemical facies and ground-water flow patterns in northern part of Atlantic Coastal plain, 12022
- Backfilling, *see* Filling.
- Backfills, *see* Hydraulic mine filling.
- Backman, Jules, inflation and price indexes, 11596
- Bacteria and bacteriology:
 - bacterial soft rot in bell peppers, cause and commercial control, 6757
 - bacteriological requirements for commercial egg cleaning, 6759
 - normal fecal bacterial flora of man, study, 10942
 - radiation techniques use for inhibition of bacterial growth in liquid media, 5393
 - use of bacteria in extermination of mosquitoes, USSR study, 1000
 - see also* names and classes of bacteria.
- Bacterial flora, *see* Bacteria and bacteriology.
- Bacterial warfare, self-defense of populations against bacteriological weapons, USSR study, 4646
- Bacteriophage, staphylococci isolated from monkeys and their human handlers, 'phage type and antibiotic sensitivity, 8207
- Bader, Henri, measurement of natural particulate fallout onto high polar ice sheets, 8235

- Badger Company :**
conceptual design of 50 MGD desalination plant, 2111
- Baffin Bay,** sailing directions, change, 7955
- Baffles (mechanics) :**
baffled cylindrical tanks, moment of inertia and damping of liquids, 6334
ring baffle under sloshing conditions, comparison of theoretical and experimental pressures and forces, 6336
- Baggage :**
census of manufactures, 1963, luggage, industry statistics, 5443
luggage, briefcases, and personal leather goods, current industrial reports, 2817
- Baggerly, Leo L.,** electron scattering in aluminum, 2359
- Bagnold, R. A.,** approach to sediment transport problem from general physics, 12021
- Bagpipes,** duty free treatment, report, 17218
- Bags :**
automatic pickup in packaging and labeling, 6710
polyethylene, pole beans, prepackaging, 8129
- Bahman, Hossein,** postlaunch structural analysis of Echo II satellite, 6418
- Bahrain,** *see* Bahrein.
- Bahrein :**
background notes, 8038
mineral industry, minerals yearbook chapter, 1116, 13688
- Bail :**
agency, establish in D.C.—
hearings, 10339, 13025
law, 15709
reports, 12917, 14454
Federal procedures, modify, hearings, 1944
reform act of 1966—
hearings, 8673
law, 11574
reports, 10163, 10171
- Bailey, J. F.,** definition of stage-discharge relation in natural channels by step-backwater analysis, 6043
- Bain, Robert W.,** development and use of training materials and aids in vocational rehabilitation, 9760
- Baird, Charles F.,** nomination, hearings, 7204
- Bait :**
fish, collection, care, preparation and propagation, 752
shrimp industry of Gulf of Mexico, 13344
- Baker, Albert F.,** determining electrical resistivity of anthracite specimens, 10926
- Baker, B. B., Jr.,** glossary of oceanographic terms, 15239
- Baker, Charles E.,** thermal conductivities of ordinary, etc., polar gases and their equimolar mixtures, 7850
- Baker, Donald M.,** atlas of solar flare effects in ionosphere observed with high-frequency Doppler technique, 5018
- Baker, Dorothy C.,** mineral trade notes, monthly inventory, 3204
- Baker, Frank H.,** beef cattle improvement, handbook for county agents, 5285
- Baker, H. R. :**
aggressive cleaner formulations for use on corroded equipment, 1376
factors affecting icing resistance of lubricants for aircraft ordnance, 2500
removing sea-water salt residues, sand, dust, and soluble corrosive products from missile- and satellite-tracking radar, 6548
surface-chemical displacement of bulk water from solid surfaces, 16756
- Baker, John A.,** address, Jan. 23, 1966, 5288
- Baker, Philip S. :**
isotopes and radiation technology, review of recent developments, 3092
radioisotopes in industry, 1688
- Bakers and bakeries :**
bakery products companies, 1959-64, ownership changes made, 14339
baking industry—
employment outlook, 9296
organization and competition, 16729
- Bakery products,** census of manufactures, 1963, industry statistics, 6890
- Baking,** *see* Bakers and bakeries.
- Baking** enables McLeod gauge to measure in ultrahigh vacuum range, 2350
- Balakrishnan, A. V.,** adaptive data compression for video signals, 9523
- Balance of payments :**
and business community, voluntary cooperation (address), 1750
businessman's role (remarks), 9744
commercial dollar sales of agricultural commodities to foreign countries purchasing same type commodities for foreign currencies under Public law 450, precautions taken for protection, Agriculture Dept., GAO review, 14737
corporate voluntary balance of payments program and lawyer (remarks), 11511
discriminatory ocean freight rates effect—
committee print, 14370
hearings, 1792, 14369
dollar outflow, reduction possible through use of American-made building materials, GAO report, 8992
education, research and development and United States balance of payments (remarks), 16885
export expansion and import competition (remarks), 336
Federal foreign research spending and dollar drain, hearings, 7145
improvement efforts and prospects (remarks), 8104
interest equalization tax act on foreign securities—
extend—
legislative history, 4150
Senate amdt., summary, 1881
impose, legislative history, 17398
interest rates, gold, and balance of payments (remarks), 731
international liquidity (remarks), 727
monetary policy and U.S. balance of payments (remarks), 16281
plugging dollar drain, cutting Federal expenditures for research, etc., abroad, report, 8621
President's program explained (remarks), 8435
problem, subcommittee report, 571
problems and their solution (remarks), 15657
program—
current situation (statement), 10046
in perspective (address), 5563
revised guide lines for banks and non-bank financial institutions, 5953
progress made and problems (remarks), 1514
reducing deficit, substantial improvement in 1965 (remarks), 6676
saving dollars through use of foreign currencies to transport personnel effects abroad, GAO report, 14728
statistical information, direct investment and development of balance of payments policy (remarks), 362
toward balance in our international payments (remarks), 8927
travel and tourism for balancing international accounts (remarks), 17062
U.S. international payments, 2029
U.S. policy and foreign investment (remarks), 11531
U.S. programs and private capital (remarks), 8103
United States international economic policy, new approach, hearing, 17152

- Balance of payments—Continued
 United States international position, recent changes, 10512
 updating international monetary system (address), 6682
 use of reserved foreign currencies in lieu of dollars, reports, 7188, 17230
 voluntary business program (remarks), 4016
 voluntary program, direct investments and corporate adjustment techniques (remarks), 1769
 voluntary program for business community (remarks), 10038
- Balance sheets, *see* Finance.
- Balances, industrial plant equipment handbook, 11841
- Bald eagle, *see* Eagles.
- Baldanza, Nicholas T., fiber reinforced thermoplastics, 14521
- Balderston, C. Canby, remarks, Dec. 7, 1965, 732
- Baldwin, J. L., weekly weather and crop bulletin, national summary, 3703
- Baldwin, Rey, D., relief, 5724
- Baldwin-Lima-Hamilton Corp., conceptual design of 50 MGD desalination plant, 10663
- Ball, A. M., solid propellants, 8229
- Ball, Claiborne M.:
 employment effects of construction expenditures, 13621
 labor and material requirements for construction of federally aided highways, 4715
- Ball, George W., address, Jan. 30, 1966, 6629
- Ball, Robert J., jr., 'phage type and antibiotic sensitivity of staphylococci isolated from monkeys and their human handlers, 8207
- Ball-bearing retainers, impregnated lubricants (evaluation) at 10^{-6} torr, 4976
- Ball bearings, *see* Bearings (machinery).
- Ball lightning, *see* Lightning.
- Ballard, G. E. H.:
 strength of snow, 8242
 theory of snow failure, 1635
- Ballistocardiography, bibliography, 1203
- Ballooning interchange instabilities of magnetized plasmas under gravitational fields, 8286
- Balloons:
 air-sounding, rough surface improves stability, 2377
 forces in balloon logging, 4446
 hot-air, use for booster recovery, 16705
 moored, Federal aviation regulations, 10463
 pilot balloon, battery operated, time signal generator, 17693
 radar-positioned constant-volume balloon (tetron) flights, catalog, 16901
 radioactivity sampling of upper atmosphere, agreement with Australia, 15362
 single-hull, logging test, 10604
 strain measurements conducted on full scale Echo II, passive communications satellite balloon, 7817
- Ballon, Eleanor F., reference books, 1619
- Balsa, impact limiters, practical limits, 4924
- Balsam fir, *see* Fir.
- Balsam woolly aphids, *see* Aphids.
- Balsbaugh, Edward U., jr., genus *Lexiphanes* of America north of Mexico, 5041
- Baltic Sea:
 lights and fog signals, list, changes, 1338, 6523, 9584, 16747
 sailing directions, change, 15233
- Baltic States, status report, 16136
- Baltimore, Md.:
 area wage survey, 6267
 commodity transportation survey production area series, 9952
 post offices, accelerated business collection and postal delivery program, GAO review, 10625
 principal electric facilities, map, 7374
- Baltimore, Md.—Continued
 reduced defense spending, potential impact, 14207
- Baltimore and Ohio R.R., accident, 12075
- Baltz, Elmer H., history of nomenclature and stratigraphy of rocks adjacent to Cretaceous-Tertiary boundary, western San Juan Basin, N. Mex., 12024
- Bamberg County, S.C., soil survey, 8033
- Bamboo, fiber and papermaking characteristics, 14164
- Band-pass filters:
 high-performance RC bandpass filter is adapted to miniaturized construction, 13745
 thin carbon film serves as UV bandpass filter, 6386
- Bandelier National Monument, general information, 5045
- Bandpass filters, *see* Band-pass filters.
- Bands (muscle):
 District of Columbia Police Department band, include members of Fire Department, etc., report, 15872
- Bangkok, Thailand:
 Foreign Service buildings program, report, 5637
 U.S. trade center, 14783
- Bangs disease, *see* Brucellosis.
- Bank examinations, *see* Banks and banking.
- Bank examiners, examination announcement, 294
- Bankhead-Jones farm tenant act, *see* Agricultural credit.
- Banking, *see* Banks and banking.
- Banking and Currency Committee, House:
 calendar, 3113
 committee prints, 510, 1847, 1849, 4125, 8664, 10233-35, 13023, 14413
 hearings, 1848, 1850-51, 4124, 4126, 5686, 7127, 8658-63, 10236, 11645, 14414, 15963-964, 17366-369
 investigations and studies—
 European capital markets, authorization, report, 17297
 expenses, reports, 4103-4
 list of publications, hearings and committee prints, 89th Congress, 4125, 14413
 proceedings, presentation of portrait of Wright Patman, print, report, 10193
 reports, 496, 1830, 4101, 5635, 7102, 8571-72, 8597, 8615-17, 10137, 12976, 14388, 15840, 15846, 15897, 15937, 17202, 17254, 17322
 subcommittee prints, 7126, 7128, 13022, 13024
- Banking and Currency Committee, Senate:
 calendar, 3132
 committee prints, 571, 1927-28, 4213, 5798, 10327-28, 16177
 hearings, 4211-12, 5799, 5800-1, 8768, 10326, 10329-31, 11792-794, 14474-477, 16178-179, 17573
 investigations and studies—
 authorization, reports, 4163, 4176
 housing, public and private—
 authorization, report, 4177
 expenses, report, 4162
 reports, 4162-63, 5785-86, 7180-82, 7188, 8725, 8746, 10304, 11748, 11772-773, 11783, 13183, 13186, 13188, 16079, 16101, 16131, 17464, 17549
 summary of activities, 89th Congress, 1st session, 4213
- Bankruptcy:
 act—
 amend rel. to statutory liens and powers of trustee—
 law, 11591
 reports, 5762, 5764, 10285
 amend to give court supervisory power over fees, report, 5774
 amend with respect to priority and non-dischargeability of taxes—
 law, 11592
 reports, 5761, 5763-64, 10284

Bankruptcy—Continued
 act—continued
 amend with respect to referees—
 law, 10065
 report, 4098
 statistical tables, 8120
 Banks, Vera J., research data on minority
 groups, etc., 10934
 Banks, William L., jr., effect of hydrazine
 on protein content of various tissues in
 rat, 8202
 Banks and banking:
 applications received, or acted on, by Fed-
 eral Reserve System Board of Gov-
 ernors, 2683
 assets and liabilities, all banks—
 semiannual report, 4388-89, 11945
 semimonthly report, 2694
 assets, liabilities, and capital accounts,
 commercial and mutual savings banks,
 696, 14624
 audit of banks by public accountants,
 analysis, 10233
 automation on structure and functioning
 of banking, effects (remarks), 2026
 bank credit series, revision, 13328
 bank debits and deposit turnover, 2700
 bank holding company act of 1956—
 amend—
 hearings, 10326
 law, 11583
 reports, 1830, 10304
 amendments—
 analysis, 1927, 10327
 lists of companies, etc., covered, 5798
 section-by-section summary, 10328
 tax treatment of distributions pursuant
 to, report, 17536
 bank holding company legislation—
 hearings, 10326
 law, 11583
 reports, 1830, 10304
 bank merger act, amend as to applicability
 of antitrust laws—
 hearings, 1851, 4126
 law, 7029
 reports, 496, 5635, 5655
 banking and monetary statistics, 11946
 banking competition and banking struc-
 ture, studies, 7015
 banking, industry wage survey, 2302
 banking structure in evolution, response
 to public demand—
 departmental edition, 1781
 document edition, 1794
 capabilities of electronic data processing
 and transmission (remarks), 10510
 code of Federal regulations, 7409
 collective investment funds, regulation,
 hearings, 8768
 commercial bank liquidity, paper, 16278
 commercial banking, floors and ceilings,
 guidelines and understandings (re-
 marks), 7418
 consolidated condition statement, 2694
 consumer installment credit, monthly re-
 port, 2792
 control of time and savings deposits (ad-
 dress), 14623
 Council of Ministers USSR grants direct
 banking credit to kolkhozes, 6140
 debits to demand deposit accounts, 5954
 deposits of country banks, monthly re-
 port, 2852
 Federal banks for rural electric and tele-
 phone systems—
 establish, hearings, 13011
 proposed legislation, information, 11211
 Federal Banking Commission, need, alter-
 native to fossilization (remarks), 10509
 Federal reserve par list, cumulative sup-
 plements, 2961
 Federal savings bank bill, staff analysis,
 7126
 federally insured banks, investigation, re-
 port, 8739

Banks and banking—Continued
 financial institutions supervisory act of
 1966—
 hearings, 11794, 15963
 report, 16101
 foreign banking in United States, economic
 policies and practices, 12840
 insured banks—
 bank examining and supervisory func-
 tions, consolidation, hearings, 1848
 maximum rates of interest paid, regu-
 lation—
 hearing, 14476
 law, 15764
 report, 16131
 offices insured by FDIC, list, 8892
 supplements, 3155
 report, 2014
 savings and time deposits, eliminate
 unsound competition, hearings, 11645
 time deposits, temporary ceilings on in-
 terest rates, report, 12976
 interest payable on deposits, etc. provide
 more flexible regulation of maximum
 rates, hearing, 14474
 monetary policy and allocation of com-
 mercial bank credit (remarks), 14637
 monetary policy, savings competition, and
 commercial bank lending behavior (re-
 marks), 11947
 mutual savings banks, Federal charter
 legislation—
 hearings, 8661
 text of bill, with amds., 10234
 national banking review, 3233
 naval base at Subic Bay, Philippines,
 agreement, 11264
 nonbanking services, prohibit banks from
 performing, hearings, 17369
 nonmember banks that maintain clearing
 accounts with Federal reserve banks,
 3535, 4392
 occupations, employment outlook, 9297
 research on banking structure and per-
 formance, 8926
 reserve requirements, nonpar banks and
 membership in Federal system (re-
 marks), 10513
 role of central banker (remarks), 11951
 time and savings deposits, 10514
 changes, Dec. 1965-May 1966, 17660
 will small banks survive? (remarks),
 5958
 see also Federal home loan banks—Federal
 intermediate credit banks—Federal
 land banks—Federal reserve member
 banks—State banks—also headings be-
 ginning Federal reserve—also names of
 banks or places where located.
 Baptists, poisonous ideology, USSR view,
 7577
 Barahona, Jorge R., relief, 1812
 Baran, Saul, remarks, May 26, 1966, 10687
 Barany, Ronald, glass-crystal transforma-
 tion of nepheline and wollastonite and
 heat of formation of nepheline, 10922
 Barbados:
 agricultural products, demand, supply, and
 imports, projected levels to 1975, sum-
 mary and evaluation, 11865
 cocene echinoids from Barbados, 18097
 Peace Corps program, agreement, 2590
 Barbee, William D., deep circulation, cen-
 tral north Pacific Ocean, 12762
 Barbers, employment outlook, 9211
 Barbour County, W. Va., preparation char-
 acteristics of coal, 4792
 Barendsen, Robert D., higher educational
 institutions in Taiwan, 10424
 Bargaining cooperatives look to future, 14595
 Barite, minerals yearbook chapter, 16553
 Barium carbonates, anhydrous, heats of
 formation and free energies, 13698

- Barium fluoride:
 eutectic for self-lubricating composites of porous nickel, etc., 12357
 solid, ionic conductivity, 7865
- Bark, factors for Douglas-fir, 10570
- Barker, David G., relief, 5748, 8457
- Barker, L. Keith, thrust-vector orientation technique for establishing lunar orbits, 6458
- Barker, Richard P., relief, 5748, 8457
- Barnard, J. Laurens:
 maritime amphipoda of atolls in Micronesia, 2466
 marine amphipoda of family Amphithoidae from southern California, 5042
- Barnes, D. K., flower color inheritance in diploid and tetraploid alfalfa, 6783
- Barnes, Farrell F., geology and coal resources of Beluga-Yentna region, Alaska, 14746
- Barnett, J. P., cone and seed characteristics of sand pine, 5997
- Barnett, Ralph L., prestressed and segmented brittle structures, 10970
- Barnhill, John T., water quality act of 1965 (P.L. 89-234), 4540
- Barnoski, R. L., maximum response of linear mechanical oscillator to stationary and nonstationary random excitation, 4807
- Barns:
 free-stall dairy system for 101 cows, farm building plan, 16933
 saddle horse, farm building plan, 15454
- Baroch, Charles T.:
 thorium, 13702
 uranium, 16587
- Baron, Frank J., seeding conifers and buffer crops to reduce depredation, 17687
- Baron, Melvin L., ground shock effects due to Rayleigh waves generated by sonic booms, 9424
- Baron, Norton:
 elastic and inelastic scattering of 40-Mev alpha particles from even tin isotopes, 1252
 manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
- Baron, Sheldon, differential games and manual control, 16704
- Baroque literature, medical symbolism in books, 12395
- Barr, Donald R., sequential decision rules for multiple choice problem, 9411
- Barr, Joseph W.:
 remarks—
 Nov. 23, 1965, 1523
 Jan. 25, 1966, 5193
 Feb. 10, 1966, 6679
 Mar. 11, 1966, 6673
 Apr. 16, 1966, 9753
 June 24, 1966, 12549
 Aug. 6, 1966, 14052
 Aug. 16, 1966, 15400
 Sept. 13, 1966, 15399
 Sept. 20, 1966, 16889
 Oct. 4, 1966, 16885
 Oct. 6, 1966, 16882
 Oct. 13, 1966, 16887
 Oct. 16, 1966, 16886
 Oct. 21, 1966, 16888
- Barracks and quarters:
 charges for Government-owned quarters at Mount Edgecumbe, Alaska, by Public Health Service, GAO review, 14735
 troop housing, Navy design manual, changes, 1569
- Barranger, John, hysteresis and eddy-current losses of transformer lamination viewed as application of Poynting theorem, 1276
- Barrels, steel shipping, current industrial reports, 2817, 11466
- Barrett, Ashton C., remarks, Jan. 21, 1966, 5938
- Barrett, James W., spacing and understory vegetation affect growth of ponderosa pine saplings, 2063
- Barrier coatings, *see* Coating materials.
- Barrier materials, cuprous selenide and sulfide form improved photovoltaic barriers, 4862
- Barrington, A. E., ionospheric simulator survey, 10950
- Barry, Helen C., pesticide analytical manual, 11985
- Bars (metal, etc.):
 Federal item identification guides for supply cataloging, supplements, 2935
- Barstow formation, San Bernardino County, Calif., potash feldspar, economic value, 2094
- Bartelt, Dean P., relief, 4078
- Barth, V. D., tungsten power metallurgy, 1199
- Bartha, Steven, VTOL blast controlling platform, 4335
- Bartley, Robert T., nomination, hearings, 4215
- Barton, Manes:
 fall water supply summary for Nevada, 16834
 water supply outlook and Federal-State-private cooperative snow surveys for Nevada, 3691
- Bartosiewicz, John J., containers and packaging, quarterly industry report, 2795
- Basalt:
 acid fumarolic gas from Kilauea Iki, Hawaii, chemical effect on basaltic pumice, 4523
 Yakima, and Ellensburg formation of south-central Washington, 13402
- Basaltic rock, *see* Rocks.
- Bascom, W. D.:
 adhesion of ice to hydrophobic surfaces, 15252
 adsorption of n-octadecylamine, n-octadecanoic acid, and n-octadecyl alcohol from nonaqueous solution onto hydrated and dehydrated metal oxide surfaces, 6540
 origin and removal of microvoids in filament-wound composites, 2494
- Base closures and reductions, hearings, 8656
- Basebagill, William J., air contaminant measurements at Roosevelt Field, Nassau County, N.Y., 7989
- Basements, attenuation of air-scattered radiation, 3846
- Bases (chemistry):
 electrochemical analysis by emf, conductance, optical, and kinetic methods, 16717
- Basic and Applied Sciences Branch, activities report, 1965, 1410
- Basic military requirements, 6526
- Baskets, cotton basket-storage systems, California and Texas, cost, 1964, 50
- Bassio, Giuseppe, relief, 13107
- Basutoland, *see* South Africa.
- Bates, Dorothy M., National Science Foundation, general review of first 15 years, 4088, 12849
- Bates, Robert E.:
 household furniture, 3890
 logging camps, sawmills, and planing mills, 6897
 millwork, plywood and prefabricated structural wood products, 3889
 office, public building, office and store fixtures, and miscellaneous furniture, 6899
 wooden containers and miscellaneous wood products, 6898
- Bates, Robert G., aeroradioactivity survey and areal geology of parts of Ohio and Indiana, 11418
- Bates, Roger G., electrochemical analysis, studies of acids, bases, and salts by emf, conductance, optical, and kinetic methods, 16717

- Bates, Roy E., defining cold regions of Northern Hemisphere, 16958
- Bathythermographs:
accuracy indexes, USSR study, 13468
altas of data, Indian Ocean, 15231
- Bats, vampire, *Desmodus rotundus*, temperature regulation, 81
- Battalions:
field artillery battalion, Little John, Army Dept. field manual, 12651
tank units, Army field manual, 8252
- Batte, William G., digital higher order interpolation path controller, 15182
- Battelle Memorial Institute, Coast and Geodetic Survey's products and services as related to economic activity in U.S. continental shelf regions, study, 10002
- Batteries, *see* Electric batteries—Storage batteries.
- Batteries (tests), *see* Aptitude tests.
- Battle act, *see* Exports.
- Battle of the bush, 15471
- Battle of New Orleans Sesquicentennial Celebration Commission, final report, 3861
- Battlefields, *see* names of battles or battlefields.—*also* names of certain national parks, etc.
- Battles, *see* names of battles, or places where fought.
- Batty, J. Vance, radioactive techniques for continuously measuring flotation froth density, etc., 17864
- Bauer, Donald J., extraction and separation of selected lanthanides with tertiary amine, 13693
- Bauer, Frederick L.:
industry wage survey—
fluid milk, 4719
paperboard containers and boxes, 9331
wood household furniture, except upholstered, 10872
- Bauer, Helmut F.:
interaction of structure and liquid in sound suppressor system, 4926
liquid behavior in reservoir of sound suppressor system, 4921
- Bauer, Mary L., occupational health nurses, initial survey, 13979
- Baumal, Allan, relief, 15830, 17449
- Baumeister, Kenneth J.:
creeping flow solution of Leidenfrost phenomenon, 2419
metastable Leidenfrost states, 7824
- Bauxite:
census of mineral industries, 1963, industry statistics, 11457
deposits—
Georgia, northwest, 10631
southeastern United States (series), 2091, 10631
disposal from national stockpile—
law, 8470
reports, 7185, 8578
in areas adjacent to and between Springvale and Andersonville districts, Ga., 2091
minerals yearbook chapter, 17834
report, quarterly, 2701
suspension of duty, continue—
law, 10091
reports, 8560, 10301
- Bayard-Alpert ionization gages, *see* Ionization gages.
- Bayer process, cost estimate for producing alumina, 2356
- Bayesian learning processes, *see* Decision-making.
- Baylor, John L., anisotropic viscolastic sandwich shells, 6344
- Bayo, Francisco, retirement experience of old-age beneficiaries, 8022
- Bayroff, A. G., methods for improving enlisted input, current research activities, 15524
- Bays, *see* names of bays.
- BDOO, *see* District Office Operations Bureau, SSA.
- BDSA, *see* Business and Defense Services Administration.
- Beaber, H. C., floods of Mar. 1964 along Ohio River, 831
- Beach, Norman E.:
compatibility of plastics with liquid propellants, etc., 8817
Government specifications and standards for plastics, covering defense engineering materials and applications, 17614
- Beach erosion, control, engineering and design, manual, 11892
see also names of localities.
- Beachem, C. D.:
electron microscope fracture examination, to characterize and identify modes of fracture, 1377
interpretation of electron microscope fractographs, 9597
- Beaches, nourishment requirements, Presque Isle Peninsula, Erie, Pa., factors affecting, 8858
- Beacons:
high-intensity flashing powered by mercury cells, 1236
radar, for air traffic control, evaluation of servo-altimeter displays, final report, 7975
- Beagle, Edward G., jr., relief, 12887
- Beam, Alfred E., MAMOS, monitor system under IBSX for IBM 7090/7094, 10955
- Beam splitter used in dual filming technique, 6398
- Beams:
built-up cantilever, in vacuum environment, damping characteristics, 1251
inflated thin-wall cylindrical, theory, 12348
lateral stability of deep beams with shear-beam support, 5991
rotating beam fatigue test, cryostat modification, 7760
tapered, tables of natural frequencies and modes for transverse vibration, 9417
errata, 10936
tapered wood, deflection and stresses, 4462
uniform, with linearly varying in-plane and axial load, eigenvalue problem, 15056
vibration in bending modes using lumped parameters, mathematical model, 9518
see also Electron beams—Ion beams—Laser beams.
- Bean, B. R., radio meteorology, 7917
- Bean, John E., research in State departments of education, 654
- Beans:
dry, control insects that attack in storage, 6740
market diseases, 16920
pole, prepackaging in trays and polyethylene bags, 8129
- Bear Creek, watershed area, economic and resource development, summary, 2602
- Bear River Migratory Bird Refuge:
birds, list, 14665
general information, 14657
- Beard, Harold C., radiochemistry of arsenic, 1678
- Bearden, J. A., atomic energy levels, 1680
- Bearing puller facilitates removal and replacement of bearing assemblies, 17894
- Bearings (machinery):
aeronautical anti-friction bearings, maintenance, handbook, 11157
anti-friction bearings manufacturers shipments and unfilled orders, 16988
assemblies, bearing puller facilities removal and replacement, 17694
ball bearings—
lubricating, 12435
polytetrafluoroethylene lubricates in vacuum environment, 6405

INDEX 1966

- Bearings (machinery)—Continued
 bearing alloys with hexagonal crystal structures provide improved friction and wear characteristics, 15103
 Federal item identification guides for supply cataloging supplements, 2932
 life and failure distribution as affected by actual component differential hardness, 1267
 squeeze film bearings, conceptual design, 12294
- Bears :
 black—
 heart rate, in relation to age, 6798
 milk, composition, 6799
- Beasley, Gary P., altitude and descent rate for safe abort during terminal phase of lunar landing, 13830
- Beaufait, William R. :
 backfires and headfires in pine needle fuel bed, 5980
 fire planning in Intermountain West, 14713
- Beaumont, E. C., geology of Kayenta and Chilchinbito quadrangles, Navajo County, Ariz., 816
- Beaumont, Tex. :
 area wage survey, 13599
 commodity transportation survey, production area series, 8346
- Beautification :
 America, 5-cent commemorative postage stamp—
 poster, 15259
 1st day ceremony (remarks), 16784
 beautifying America begins at home, 15469
 beauty for America, White House Conference on Natural Beauty, proceedings, 2626
 creative conservation of natural beauty (address), 5288
 highway program—
 costs, 1967 estimate, instruction manual, 11204
 report, 546
 highways to beauty, 8008
 natural beauty, report, 2517
 preservation of America's natural beauty and enhancement of landscape, Federal-State coordination (remarks), 14328
- Beauty for America, proceedings of White House Conference on Natural Beauty, Washington, D.C., May 24-25, 1965, 2626
- Beauty operators, employment outlook, 9211
- Beauty, Natural, White House Conference on, *see* White House Conference on Natural Beauty.
- Beceiro, Daniel Pernas, *see* Pernas Beceiro, Daniel.
- Bechill, William D. :
 progressing toward new day for older American, 10655
 statement, Nov. 2, 1965, 5
- Bechuanaland, *see* South Africa.
- Beck, H. L., further studies of external environmental radiation, 11424
- Beck, W. J., Northwest Shellfish Sanitation Research Planning Conference, proceedings, 2526, 15276
- Becker, Robert M., probability distributions with special reference to mineral industries, 12241
- Beckering, Willis, cell with 4 variable components for rapid infrared analysis, 10925
- Beckerley, James G., significant achievements in planetology, 1958-64, 10976
- Beckman, Theodore N., wholesaling, 16820
- Becoming a citizen series, 2110, 4543-44
- Becraft, George E., mineral resources of Spanish Peaks, primitive area, Mont., 12015
- Bed springs, *see* Bedsprings.
- Bedding :
 current industrial reports, 11464
 excess, utilization, etc., by Defense Dept., GAO report, 13386
- Bedrest, *see* Rest.
- Bedrock, Grand Lake area, Maine, geology, 815
- Beds, excess, utilization, etc., by Defense Dept., GAO report, 13386
see also Bedsprings.
- Bedsprings, current industrial reports, 2817, 11465
- Bee moths, greater wax moth, description, control, etc., 1584
- Beech, decay and discoloration, organism interactions, 8974
- Beef :
 carcass evaluation service, 13232
 export expansion—
 hearings, 14505
 report, 564
 export trade of Central America, 2054
 fed beef economy, interregional analysis, 10409
 fresh—
 meatpackers' cost, 625
 USDA institutional meat purchase specifications, 17600
 proximate composition from carcass to cooked meat, method of derivation and tables of values, 3752
 world trends, 11989
- Beef cattle, *see* Calves—Cattle.
- Beem, Arley L., relief, 5628
- Beers, R. J., high-expansion foam fire control for records-storage centers, 8285
- Bees :
 culture, general information, 12579
 simplified pollen trap for use on colonies of honey bees, 9773
- Beetland, Colo., railroad accident, 12072
- Beetles :
 California 5-spined ips, general information, 14696
 carpet, protecting woolens against, 9819
 Cerambycidae (Coleoptera), West Indian, descriptions and records, 5043
 elm bark, general information, 3755
 Galerucine, with excised middle tibiae in male, 6496
 genus Lixiphanes of America north of Mexico (Coleoptera, Chrysomelidae), 5041
 khapra beetle, foreign menace, description, control, etc., 15475
 Neobrotica and closely related genera, review, 7940
 Oedemeridae of Big Bend region of Texas, 2469
 revision of Diaperini of America north of Mexico with notes on extralimital species (Coleoptera; Tenebrionidae), 1324
 southern pine, distribution, control, etc., 7452
 western pine, general information, 14694
 white pine cone, crystallization of white pine resins induced, 4442
- Before you report for active duty, 3808
- Behannon, Kenneth W., design of numerical filters for geomagnetic data analysis, 12338
- Behavior :
 forest fire patterns, monthly, maps, types, etc., 17696
 human, modelling, conferences on programming and automatic control, USSR studies, 13532
 intraspecies biologic and behavioral variability studies, computer system, 12643
 prophylaxis, with respect to rheumatic fever, factors influencing, 2527
 tactical decision making, 8194
 visual sampling behavior of human observers, 9408
see also Vigilance.
- Behavioral sciences and national security, report, 513, 4090

- Beier, Emerson H.:
adopting group health insurance to medicare, 10853
financing supplemental unemployment benefit plans, 12215
- Belém, Brazil, ecology of iguanid lizard *Tropidurus torquatus*, aspects, 14015
- Belen, Frederick C., address, Jan. 5, 1966, 2508
- Belen'kiy, N. G.
Soviet zootechnician, criticized for poor research practices, USSR study, 17779
- Belgium:
background notes, 16845
double taxation, protocol, report, 1887
income tax convention, supplementary protocol, 13074
labor conditions, 13624
mineral industry, minerals yearbook chapter, 10912
mutual defense assistance, agreement, 16862
selling in Belgium, 12781
- Belgrade, Yugoslavia:
new laboratory for electric machines in electrical engineering faculty, 16498
Soviet papers contributed to UN world population conference, 10731
- Bell, David E.:
addresses—
Nov. 19, 1965, 866
Apr. 5, 1966, 9051
May 30, 1966, 10690
- Bell, Earl L., fitting multi-component exponential decay curves by digital computer, 3793
- Bell, Edwin A., hydrologic conditions of Louisville area, Ky., 9025
- Bell, G. R., quality feed water for Webster, S. Dak., electrodialysis plant, 14773
- Bell, Winifred, public welfare demonstration projects focus on education for AFDC youth, 16253
- Bell & Howell Corp., President's E award for export excellence (remarks), 10034
- Belleck, Joseph K., relief, 15668, 16009
- Bellizia, Josephine A., relief, 12891, 14349
- Bellows:
design features low spring rate and long life, 10999
hinged bellows restraint has high load capacity, 1217
joint absorbs torsional deflections in duct system, 13767
rubber-coated, improves vibration damping in vacuum lines, 10996
seal fatigue failures, reducing by fluid damping, 11041
undamped face seals in cryogenic liquid, dynamic instability, 4944
universal joint restraint permits angular and offset movement, 2390
- Bells, see Carillons.
- Belman, Albert A., wage chronology, Dan River Mills, 9336
- Belorussian Soviet Socialist Republic:
Academy of Sciences—
annual general meeting, 16419
Biological Sciences Department, scientists, activities, 4617
Minskaya oblast, party and local government cooperation, 9128
roentgenologists and radiologists, 3d conference, 6157
water pollution, 13533
- Beloyarsk, Russian SFSR, atomic power plant type reactors, use for dual-purpose desalinization systems, 2198
- Beluga-Yentna region, Alaska, geology and coal resources, 14746
- Benach Carreras, Bienvenido, relief, 15827, 17444
- Bench, Nachman, relief, 17436
- Bench marks, leveling computations, control surveys, 10646
- Benches, bench vise adapter grips tubing securely and safely, 6382
- Bencomo, Luis, E., relief, 17448
- Bending moments, see Moments.
- Bending tests of large-diameter ring-stiffened corrugated cylinders, 7856
- Bendixen, Hans, J., leukosis enzootica bovis, 13993
- Bends, circular pipe, liquid cavitation studies, 4925
- Bendtsen, B. A.:
sorption and swelling characteristics of salt-treated wood, 17697
strength and related properties of randomly selected sample of 2d-growth redwood, 8969
- Benedict, Manson, growth of foreign nuclear power, 12685
- Beneficiaries:
charter, mortality study, 18098
filing of designation under Federal employees group life insurance and civil service retirement acts—
law, 7037
report, 5790
- Benefit series service, unemployment insurance report, 2703
- Bengal, Bay of, sailing directions, change, 9579
- Benjamin, Judith G., pros and cons, new roles for nonprofessionals in corrections, 14084
- Benjamin Harrison, Fort, Finance Center, Army improvement in administrative audit of accrued-leave payments to reenlistees, GAO report, 2082
- Benner R. L., thermodynamic properties of $ZnO-Fe_2O_3-Fe_3O_4$ system at elevated temperatures, 9376, 12242
- Bennett, A. H., prototype commercial forced-air precooler, 3732
- Bennett, Eugene J., relief, 8525, 12806, 16010
- Bennett, John M., choosing form of business organization, 2553
- Benson, Robert E., export of Christmas trees from Montana in 1964, 796
- Bennett, Robert L.:
nomination—
hearing, 7217
report, 10278
- Benton Lake National Wildlife Refuge, birds, 7438
- Bentonite, Wyoming, migration and crystallization of interlamellar water during freezing and thawing, 8243
- Bent's Old Fort, general information, 6500, 11121
- Benzene:
benzenoid chemicals and products, imports, 5185, 14042
bone marrow in oxidation, USSR study, 6147
- Benzenoid chemicals, see Benzene.
- Benzimidazole, see Polybenzimidazoles.
- Berg, A. I.:
interview on programmed instruction, Chairman of Interdepartmental Scientific Council on Programmed Instruction, USSR, 14791
Soviet Deputy Minister of Defense, views on cybernetics, article, 9167
- Berg, Dennis W., beach nourishment requirements, Presque Isle Peninsula, 8858
- Berger, E. L., single parameter testing application, 2362
- Bergquist, Harlan R., micropaleontology of of Mesozoic rocks of northern Alaska, 12017
- Berkeley County, W. Va., soil survey report, 15334
- Berkshire Hathaway Inc., wage chronology, 4733

INDEX 1966

- Berlin, Germany :
west—
economic statistics, handbook, 3031
establishing business in, 12774
- Bermejo, Bartolomé, Episcopal saint, study in Medieval Spanish symbolism, 9651
- Bermuda :
background notes, 1479
weather records, 1951-60, 17638
- Bernardine, Albert T., metabolic aspect of effect of altitude on d-amphetamine in rat, 9876
- Bernett, Marianne K. :
solution systems for displacing of organic liquids from solid surfaces, 16768
surface chemical displacement of organic liquids from solid surfaces, 12433
- Bernhardt, Malcolm E. :
blast furnaces, etc., 8334
fabricated metal products, 6909
fabricated structural metal products, 3900
forgings and miscellaneous primary metal industries, 6906
heating apparatus, except electric, and plumbing fixtures, 6907
iron and steel foundries, 3899
metal cans, cutlery, hand tools, and general hardware, 5447
nonferrous metal mill and foundry products, 6905
screw machine products, bolts, etc., census of manufactures, 1963, industry statistics, 6908
smelting and refining of nonferrous metals and alloys, 5446
- Bernot, Peter T., static stability characteristics of cone, etc., configurations, 15162
- Bernsten, Bernard P. :
aircraft and parts, 6913
communication equipment, including radio and TV, etc., 11452
electric lighting and wiring equipment, 3902
electrical transmission, distribution, and industrial apparatus, 8336
household appliances, 8337
instruments, surgical, dental, and ophthalmic goods, 11453
miscellaneous electrical machinery, equipment, and supplies, 6912
motor vehicles and equipment, 3903
ordnance and accessories, 8328
photographic equipment, clocks, watches, and watchcases, 3904
ship and boat building, railroad and miscellaneous transportation equipment, 8338
- Bernstock, William M. :
bulletin of prosthetics research, 9757
prosthetics research, 18132
- Berntson, Byron I., European agricultural guidance and guarantee fund, 11864
- Berries, production, use, value, 1964-65 by States, 15379
- Berry, L. Joe :
effect of environmental temperature on lethality of endotoxin and its effect on body temperature in mice, 5314
metabolic aspects of tolerance to endotoxin, etc., 5312
- Bersamin, Julietta G., relief, 17452
- Bertin, John J., effect of protuberances, etc., on pressure and heat-transfer distribution for Apollo command module, 16647
- Bertle, Frederick A., effect of snow compaction on runoff from rain on snow, 12494
- Bertram, Mitchell H., hypersonic laminar viscous interaction effects on aerodynamics of 2-dimensional wedge and triangular planform wings, 15153
- Bertsch, A. A., remarks, Feb. 3, 1966, 5434
- Berube, John S. :
bakery products, 6890
beverages, 3885
- Berube, John S.—Continued
canned and frozen foods, census of manufacturers, 1963, industry statistics, 6889
dairies, 6888
meat products, 6887
number of operators and fishing vessels, 8327
tobacco products, 1702
- Beryllia washer, *see* Washers (metal).
- Beryllium :
aging, USSR studies, 6115
armor material for stainless-steel tubes, hypervelocity impacts, 13826
base alloys, USSR study, 13453
characteristics and applications, 11094
chemistry of beryllides, USSR study, 14854
content of volcanic rocks, 9012
minerals yearbook chapter, 16554
nickel-beryllium alloy, cold reduction and thermal treatment effect on tensile properties at cryogenic temperatures, 4942
nonpegmatitic occurrence in Arizona, etc., 15029
physical metallurgy, conference, Gatlinburg, Tenn., 6851
reconnaissance, pegmatite deposits in 6 Western States, 13682
recovery from fluoerrate leach residue, 16584
single-crystal, in vacuum, effect of orientation on friction characteristics, 12358
windows, from CEA bubble chamber, investigation, 9922
- Beryllium oxide, radiant energy transport in BeO, 1352
- Beryllium sulfate, and its hydrates, heat of formation, 6316
- BES series, 4323-24, 17629
- Bessel functions, spherical Hankel functions of imaginary argument, 1375
- Bessie Cutoff, Mississippi River, hydraulic model investigation, 678
- Beta rays, telomerization of methanol with ethylene induced, 8290
- Bethlahmy, Nedavia, controlling soil movement from steep road fills, 14699
- Bethlehem, Pa. :
area wage survey, 10869
commodity transportation survey, production area series, 9952
- Bettendorf, Edna S., relief, 8531, 14354, 16043
- Beverages :
census of manufacturers, industry report, 3885
vending, food sanitation requirements, 14997
- Bewig, K. W., wetting of gold and platinum by water, 9595
- Bexar County, Tex., soil survey report, 14023
- Beydoun, Z. R., geology of Arabian Peninsula, Eastern Aden Protectorate and part of Dhufar, 17723
- Beyster, J. R., integral neutron thermalization, 1677
- Bezates, Lambrini, *see* Bexates, Theodora.
- Bezates, Theodora, relief, 16054
- BI series, 6720-37, 9800-2
- Blasing effect of random bit errors on binary telemetry data, 16652
- Blaxial leads, *see* Axial leads.
- Bible Translation Day, designate Sept. 30, 1966, report, 17480
- Bibliography :
access to airports, selected references, 17645
accident prevention, 11377
activated charcoal, 11086
advertising, volume and expenditures, 1457
aerospace, 10974
aerospace medicine and biology, 1201-2, 4836-37, 6361, 7757, 10890, 10983, 12288-289, 15090, 16622
cumulative indexes, 10889, 10982
aerospace science, 12287

Bibliography—Continued

aging, selected references, 3724, 5261-63
 AGO special bibliography series, 12577
 agriculture, 2704
 Air Force, 1959 scientific research, 3773
 airborne particle size analysis, 12680
 American women workers, 14087
 animal research in psychopharmacology, 1431
 Antarctic bibliography, 1099
 architecture, building, and engineering, supp., 5319
 Arctic regions, 5841
 arms and armaments, 12627
 arms control & disarmament (periodical), 2689
 artificial kidney and uremia, 13980
 Asia, south and southeast, 7322
 atomic energy literature, what's available, 11435
 atomic energy program, 6860
 atomic transition probabilities, 7916
 automatic merchandising, 16822
 aviation medicine translations, 12688
 ballistocardiography, 1203
 beryllium, characteristics and applications, 11094
 bibliographic list, Federal Aviation Agency, 17645
 bibliographical procedures and style, L.C. manual, 12228
 blacktail deer and Roosevelt elk, 10616
 bluebunch wheatgrass (*Agropyron spicatum*), 4436
 business use, library basic reference sources, 18092
 cancer and virus, 13960
 cheese industry in U.S., 6876
 chemical and petroleum plants, investment and operating costs, 12235
 children's books, 7681
 China, Communist, strategic survey, 11400
 Chinese agriculture prior to 1949, 17935
 Coast Guard Auxiliary, publications for public education and membership training, 12768
 communications and electronics, supp., 5320
 communications satellites, 10981
 community general hospital as mental health resource, 13986
 community organization for citizen participation in voluntary democratic associations, 1396
 compulsory arbitration, 1951-66, selected references, 6249
 consumer education, 4431
 containers and packaging, 8320
 cooling and coolants for electrical and electronic equipment, turbines and reactors, 3989
 cooperatives, 685
 crambé abryssinica, 14543
 crime and delinquency, international (periodical), 3074
 dairy marketing economics, 13264
 dielectric properties of polymers, 13255
 dimensional metrology, 12383
 disadvantaged children, educating in elementary school, 16229
 distribution cost analysis, 16819
 Division of Hospital and Medical Facilities publications, 5108
 eastern white pine, 10598
 education, literature of profession, 16231
 electroconvulsive therapy, 11196
 electroluminescence, 7918
 electromechanical transducers, 6359
 emergency health preparedness, 11186
 endocarditis, 6576
 Engineering Psychology Branch, 1349
 English-language materials on Eastern Europe education, 11870
 environmental engineering and food protection, 15272
 environmental health, 12466

Bibliography—Continued

executive, philosophy, problems, practices, 12556
 external research lists, 2576, 11247-251, 12522
 extraterrestrial life, 6362
 fables, 7683
 family care treatment of mentally ill, 12551
 family therapy, 7929
 farm credit cooperatives, 4349
 farm management, etc., 5100
 films on aging, 5262
 fisheries and limnology in Great Lakes, research on, 11978
 fisheries and related services, USSR literature, 10706
 flood damage prevention, index, 15389
 footwear, 6601
 foreign countries, statistical publications, 2993
 foreign languages, source materials for secondary school teachers, 7321
 forest genetics and related research, annotated, 14715
 gardening, 6566
 Government employment, 2520
 Government research and development reports, abstracts, 3630, 12760
 Government-wide index, 3025, 12759
 guide for professional reading for officers of Navy and Marine Corps, 16750
 handicrafts and home businesses, 12501
 health and hygiene, 6804
 high elevation research notes, 117
 high energy propellants, 9450
 high protective coatings for molybdenum and tungsten, 1295
 high-temperature kiln drying of lumber, 16336
 Hispanic Foundation series, 10892
 homemaker services for older people, 5261
 hot laboratories, 1683
 household appliances and radio-TV, selling and servicing, 12503
 housing and planning references (periodical), 3047
 hydrology of United States, 6042
 ice cream industry, 6881
 interior decorating, 2559
 ion-molecule reactions, 13864
 Job Corps counselor's reference, 11858
 labor in Africa, 6269
 lasers and masers, 15089
 Latin Americanist's, specialists in social sciences and humanities, 10892
 laundry and drycleaning, coin-operated and non-automatic, 11221
 law enforcement, greater freedom for agencies? debate topic, 466
 legal, juvenile and family courts, 9974
 lubricants, solid, 6360
 lunar surface studies, 9451
 manual arts and crafts, 5321
 Marine Corps historical bibliographies series, 9349, 10893
 Marine Corps in Second World War, 9349
 marketing economics research publications, 14534
 marketing information guide, 3184
 mass spectroscopy, 15533
 medical reviews, 7934
 medical translations (periodical), 2705, 7935, 15219
 medicine, history, 17955
 men's and boys' clothing, 2557
 mental retardation, world literature, supp., 6493
 milk and food, 13987
 minority groups, research data, Economic Research Service reports, 16934
 mobile homes, 2556
 National Agricultural Library bibliographies and lists, 15204
 natural environmental radioactivity, 160
 Naval history, 7962

INDEX 1966

Bibliography—Continued

Naval Research Laboratory series, 1349
 Navy training publications for advancement in rating, 9592
 neuropsychology, 13985
 New England economic development, 14007
 Nigeria, official publications, guide, 17824
 North American geology, 14748, 16357
 nuclear weapons and Atlantic Alliance, 8256
 nursery business, 12502
 occupational health, 6570-71
 PACAF basic bibliographies, 1619, 5319-22, 6804, 11377, 12627
 Pacific madrone, 10585
 particles and fields research, 12291
 personal finance and investment, 5322
 personnel literature, 3321
 photoconductivity, 6476
 physiological studies employing radioisotopes, 5401
 plant location planning, at look at the labor side, Labor Statistics Bureau publications and studies, list, 14982
 price list, selective bibliography of Government research reports and translations, 3989
 productivity, 16536
 program analysis techniques, 5431
 provisions for talented students, 5883
 public health bibliography series, 1431, 11196, 12481, 13885-986, 18069-70
 pulsed reactors and pulsed critical assemblies, 1684
 radioecology, terrestrial and freshwater, 11434
 radioisotopes in medicine, 159
 reactor safety, 5402
 recordkeeping systems, small store and service trade, 1458, 9643
 red-winged blackbird, 14677
 reference books, 1619
 regional cotton mechanization research projects S-2 and W-24, 14104
 restaurants and catering, 1459
 retail credit and collections, 15324
 retail merchandising and promotion, 12504
 retailing, 11220
 rheumatic fever, glomerulonephritis and streptococcal infections, 18070
 right-of-way acquisition, supplement, 15313
 rural electrification in United States, 1954-64, 17934
 sales management for manufacturers, 9644
 saline ground-water resources of U.S., 2093
 saline water, desalination, membrane technology, 6066
 scientific documentation, current research and development, 6597, 15320
 shelterwood harvest methods and results for coniferous species, 10613
 shorter workweek, 12199
 small business, 1457-59, 2556-59, 6601, 9643-44, 11220-222, 12501-504, 15324, 16819-822, 18092-93
 smoking and health, 12469
 snow, ice and frozen ground, 16957
 socio-economic aspects of water resources, 13427
 sociological studies of occupations, 1082
 soil moisture, investigations on grass-and shrubland soils, 4482
 Soviet monographs, 12846
 soybean, processing and utilization, 15205
 sporting goods, 16821
 store arrangement and display, 2558, 11222
 sugar beets utilization, 1949-65, Western Utilization Research and Development Division research, 8131
 technical translations (periodical), 3574
 technology transfer and innovation, 14329
 technology utilization bibliography (series), 6357

Bibliography—Continued

television in medical teaching and research, 4319
 Tennessee Valley Authority, 12544
 program, 11291
 terrestrial impact structures, 16356
 thermal degradation, oxidation, and analysis of high polymers, 8816
 thermally stable elastomers, 11095
 thermoplastic and phenolic resin systems, crosslinking, thermal and mechanical properties, 10396
 thin film protective coatings, 1296
 titanium alloys, 11093
 unemployment and retraining, research, 2285
 union security and right-to-work, 2286
 volunteer services for older people, 3724
 water supply and pollution control, 5117
 watershed management research, 10601
 welding methods, 6357
 wholesaling, 16820
 wood and wood products, mechanical properties and structural uses, 7455
 working with business for business, BDSA publications, 8311
see also names of departments, etc., issuing lists of publications.
 Bidding, *see* Government contracts.
 El bienestar social en un mundo en desarrollo, la función del bienestar social en el proceso de desarrollo, 15425
 Bleniewski, Carl L., mineral industry of Colorado, 1119
 Bienstock, Herbert, paper, Mar. 11, 1965, 6271
 Bienvenidos a los Estados Unidos de Norte America, 15401
 Bienvenue aux Etats-Unis!, 15402
 Bies, David A.:
 flight and wind tunnel measurements of boundary layer pressure fluctuations and induced structural response, 17880
 Panel response to boundary layer pressure fluctuations, 10967
 Biesecker, J. E., stream quality in Appalachia as related to coal-mine drainage, 7481
 Big Bend National Park, general information, 11122
 Big Creek area, Calif., principal electric facilities, map, 7378
 Big game, *see* Game and game birds.
 Big Hole National Battlefield, general information, 6501
 Big Kitoi Creek, toxaphene, fish control, 11977
 Biggs, Archie A., fireplaces and chimneys, 32
 Bighorn Canyon National Recreation Area, establish, report, 12990
 Bighorn sheep, desert, general information, 17675
 Bilby steel tower for triangulation, 5529
 Bile ducts, diseases in children, diet therapy in nephropathy concomitant with, USSR study, 1032
 Bill of Rights, *see* Constitution of United States.
 Billings, John S., centennial, addresses presented, 13874
 Bills (congressional):
 armed services, hearings on miscellaneous bills, 569, 7118, 8654, 13015-17, 13019, 14412, 16175-176, 17359
 digest, 2855
 history, 2782
 House-passed bills pending before Committee on Finance, Senate, summary, 10340
 Bills of lading, Government, how to prepare & process, 5190
 Biloxi, Miss.:
 transfer land to city—
 law, 17124
 reports, 10133, 16144

- Bimetallic devices help maintain constant sealing forces down to cryogenic temperatures, 13760
- Binary counters:
accumulates time by complementary pre-set, 4889
uses fluid logic elements, 2396
- Binary fluid amplifier solves stability and load problems, 10990
- Binary sequence detector uses minimum number of decision elements, 12306
- Bingham, James W., Yakima basalt and Ellensburg formation of south-central Washington, 13402
- Binkley, Virgil W., economics and design of radio-controlled skyline yarding system, 2076
- Bins, potato storage 60,000 cwt. door-per bin, 12610
- Bio-acoustics, *see* Sound.
- Bioassay, *see* Biological assay.
- Biochemistry:
biochemical sciences, biomedical research papers, 1964-65, National Institute of General Medical Sciences, 6487
biochemical studies on acute hydrazine toxicity in mice, 12630
early radiation-biochemical reactions, USSR study, 17785
examinations of members of Voskhod spaceship crew, 12149
indices in ionizing radiation, USSR study, 6220
intraspecies biologic and behavioral variability, 14193
poisons of marine animals, USSR study, 6203
- Biochemists:
employment outlook, 9263
radioisotopes, examination announcement, discontinuance notice, 3978
- Bioelectronics:
gelatin-coated electrodes allow prolonged bioelectric measurements, 7764
miniature device accurately measures and telemeters temperature, 6383
- Bioenergetics, space suits for lunar exploration, 10975
- Bioenvironmental engineering, how you can help solve problems in aerospace medicine, 5316
- Biography:
famous Indians, 17734
Latin Americanist's, specialists in social sciences and humanities, 10892
NASA astronauts, space flight team, 7751
sketch of Soviet chemical scientist academician N. N. Semenov, 14882
State Dept., biographic register, 12520
USSR—
botanists, 10714
Goryaynov, K. E., construction engineer, 10793
life scientists, 13476
scientists, 10776, 17796
surgeons, 10738
see also subjects of biographical sketches.
- Biological assay:
conference, Oct. 8-9, 1964, Cincinnati, Ohio, proceedings, 145
evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
- Biological chemistry, *see* Biochemistry.
- Biological effect of ultrasound, USSR, 13564
- Biological Laboratory, Beaufort, N.C., annual report, 10527
- Biological Laboratory, Galveston, annual report, 16298
- Biological Laboratory, Gulf Breeze, annual report, 14651
- Biological Laboratory, Honolulu, progress in 1964-65, activities, 8939
- Biological physics:
biophysical sciences, biomedical research papers, 1964-65, National Institute of General Medical Sciences, 6487
biophysics in Rumania, 13489
- Biological products:
establishments licensed for preparation and sale, list, 13959
notices of activities of licensed establishments, 2707
produced in licensed establishments, list, 14119
regulations, Public Health Service, 1414
- Biological sciences, *see* Biology.
- Biological Sciences Department, Academy of Sciences Kazakh SSR, scientific activity of institutions, 14923
- Biological Station, St. Petersburg Beach, Fla., reports, 11966, 16297
- Biological warfare:
agents, Yugoslav comment, 14899
biological agents, employment, Army field manual, 8250
- Biologists:
fishery, examination announcement, 9994
radioisotopes, examination announcement, discontinuance notice, 3978
wildlife, examination announcement, 9994
- Biology:
activities of scientists in Department of Biological Sciences, Academy of Sciences, Belorussian SSR, 4617
aerospace—
bibliography, 1201-2, 4836-37, 6361, 7757, 10890, 10983, 12288-289, 15090, 16622
cumulative indexes, 10889, 10982
magnetic field effect, USSR study, 13537
agricultural/biological subject category list, 7905
application of philosophy, USSR studies, 9112
arctic biology and medicine symposia, proceedings, 14185
associate training programs, NIH, 5024
Atomic Energy Commission authorizing legislation, 1967, hearings, 8482
Atomic Energy Commission research and development in progress, 9924
bait shrimp, Tampa Bay, Fla., 781
biologic effectiveness of 138-Mev protons as compared to Co⁶⁰ gamma radiation, 94
biological control systems, critical review and evaluation, 16598
biological experiment, gamma-radiation, methods and instrumentation sources, USSR study, 918
biological mechanisms for application to instrument design, summary report on review, 7737
biological problems in water pollution, 3d seminar, 9624
biological research institutes, Yugoslavian study, 1055
- Biological sciences—
biomedical research papers, 1964-65, National Institute of General Medical Sciences, 6488
Rumania, 10739
biological studies with high energy protons, 2439
biological tolerance to air blast and related biomedical criteria, 144
biology and information, USSR studies, 4623
calcium analysis, improved flame spectrophotometer for determining, 5336
cardiotachometers and biologic data recordings, calibrating, economical time standard, 8210
census of species entering fisheries in Cape Canaveral area, 779
contemporary, philosophical problems, 6200

Biology—Continued

- Hungary, biological sciences, development, 14834, 14845
- magnetobiology, USSR study, 2180
- microwaves effect on biological structures, USSR study, 1020
- molecular biology, principles, biology of malignant growth, USSR study, 4655
- philosophical problems, USSR studies, 9108
- problems, USSR studies, 996
- role of cybernetics, USSR study, 2233
- Rumania, direct confrontation with life, biological sciences, 9086
- simulation, USSR study, 16475
- solute and water transport across biologic membranes, 14774
- theoretical, conference proceedings, 13725
- USSR—
 - biological science, news, 16451
 - 1st medico-biological faculty, 2151
 - old and new dogmas, 1002
 - scientific conferences concerning research in biological sciences, 1007
- see also Marine biology—Radiobiology—Space biology.
- Biomedicine:
 - anchor button as attachment for biomedical instrumentation lead wires, 99
 - bioenvironmental engineering, how you can help solve problems in aerospace medicine, 5316
 - biological tolerance to air blast and related criteria, 144
 - biomedical research papers, 1964-65, National Institute of General Medical Sciences—
 - biochemical and biophysical sciences, summaries, 6487
 - biological sciences, summaries, 6488
 - medical sciences, summaries, 5032
 - bio-medical science—
 - Communist Chinese abstracts, 2768
 - East European abstracts, 2665
 - USSR abstracts, 3671
 - directory of biomedical institutions in USSR, notice, 2464
 - semiconductor forms biomedical radiation probe, 12297
 - translations, bibliography (periodical), 2705
- Bionics:
 - application in field of standardization, USSR study, 10712
 - brief study, USSR, 6235
 - problems, USSR studies, 996
 - 2d All-Union conference, USSR, 13496
 - status and trends in development, USSR study, 14950
 - USSR studies, 9091
- Biophysics, see Biological physics.
- Biopotentials, signals as function of learning task difficulty, 5068, 6537
- Birch:
 - decay and discoloration, organism interactions, 8974
 - growth and yield of well-stocked stands in Alaska, 4471
 - paper birch, seed production, dispersal, and germination, 4469
 - seedling growth, artificial light sources differ in effect, 790
 - yellow—
 - germination, influence of temperature and early spring conditions, upper Michigan, 5983
 - growth in podzol soil, 800
 - root development, promote by addition of phosphorus to subsoil, 8958
 - seedlings, growth response to humus-mineral soil mixtures, 14705
- Bird, Kermit, talk, Oct. 29, 1965, 4278
- Bird houses, homes for birds, principles of nest-box construction, 10533

Birds:

- Bear River Migratory Bird Refuge, list, 14665
- Benton Lake National Wildlife Refuge, list, 7438
- bird vs. aircraft, 7439
- birds in our lives, 16293
- Blackbeard Island National Wildlife Refuge, list, 16309
- Blackwater National Wildlife Refuge, list, 4416
- Bombay Hook National Wildlife Refuge, list, 4415
- Cabeza Prieta Game Range, list, 7437
- Chincoteague National Wildlife Refuge, list, 16305
- Great Meadows National Wildlife Refuge, list, 14666
- Harris Neck National Wildlife Refuge, list, 16308
- Havasu Lake National Wildlife Refuge, list, 14662
- homes, principles of nest-box construction, 10533
- Isle Royale in Lake Superior, list, 14676
- Kern National Wildlife Refuge, list, 8942
- Kodiak National Wildlife Refuge, list, 760
- Kofa Game Range, list, 4417
- Laguna Atascosa National Wildlife Refuge, list, 14664
- Mattamuskeet and Swanquarter National Wildlife Refuges, list, 16303
- Medicine Lake National Wildlife Refuge, list, 16306
- migratory bird treaty, 5-cent commemorative postage stamp (poster), 5086
- Panama, 8020
- Pea Island National Wildlife Refuge, list, 16304
- protected by Federal law, list, 14680
- Salton Sea National Wildlife Refuge, list, 761
- Santee National Wildlife Refuge, list, 14663
- Socotra and Abd-el-Kuri Islands, list, 18096
- Squaw Creek National Wildlife Refuge, list, 16307
- Swan Lake National Wildlife Refuge, list, 14667
- tick borne encephalitis carriers, USSR study, 9118
- William L. Finley National Wildlife Refuge, list, 14668
- see also Songbirds—Water birds.
- Birge, George W., mechanical strength of coke and iron ore pellets at elevated temperatures, 13696
- Birkhead, James W., changes in import duties on tobacco in free world countries, 8948
- Birks, L. S., characterization of particulate matter in ocean, 16767
- Birmingham, Ala.:
 - area wage survey, 13595
 - principal electric facilities, map, 7380
- Birth:
 - and survival of newborn, United States, 1443
 - live, State definitions, 18078
 - nativity, statistics analysis, 1963, U.S., 9634
 - nativity, vital statistics of U.S., 12490
 - national nativity survey, 1963, methods and response characteristics, 18083
 - records, where to write, 1447
 - seasonal variation, U.S., 1933-63, 11200
 - weight at birth and survival of newborn, 1442
- Birth certificates, how to obtain, 4161
- Birth control:
 - family planning, 11482
 - one aspect of freedom to choose, 13418
 - oral contraceptives, FDA report, 14685
 - white-nonwhite differences in family planning, 9029

- Biscay, Bay of, sailing directions, change, 9577
- Bismuth:
alloy potting seals aluminum connector in cryogenic application, 7792
disposal from national and supplemental stockpiles—
bearing, 10325
law, 10068
reports, 8582, 8751
metal, mineral industry survey, quarterly, 2708
minerals yearbook chapter, 13670
monotonic magnetostriction, 16674
- Bits (tools):
drill bit design assures clean holes in laminated materials, 4879
impregnated diamond bits, drillability studies, 12244
multisurface fixture permits easy grinding of tool bit angles, 9478
nylon, removes cork insulation without damage to substrate, 9464
- Bitter Lake National Wildlife Refuge, general information, 2041
- Bitterbrush:
frost injury in eastern California, 4449
nutrition levels under natural and thinned ponderosa pine, 8963
- Bittker, David A., hydrogen-fluorine propellant system, 15195
- Bittle, Charles C., improved flame spectrophotometer for biologic calcium analysis, 5336
- Bituminous coal, *see* Coal—Coal mines and mining.
- Bituminous mines, *see* Coal mines and mining.
- Bizon, Peter, T., elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
- Bjorkbom, John C., variability of paper birch seed production, dispersal, and germination, 4469
- Black Canyon of Gunnison National Monument, general information, 9568
- Black cherry, *see* Cherry.
- Black-headed budworms, *see* Budworms.
- Black Hills, yield tables for managed stands, 13373
- Black Hills National Forest, revise boundary, report, 484
- Black oak, *see* Oak.
- Black Sea:
lights and fog signals, list, changes, 5056, 7958, 13897
mesothorium-I concentration, USSR study, 1068
organic matter in abyssal sediments, USSR study, 6149
- Black shale, *see* Shale.
- Black spruce, *see* Spruce.
- Black walnut, *see* Walnuts.
- Blackbeard Island National Wildlife Refuge, birds, list, 16309
- Blackbirds, red-winged, selected bibliography, 14677
- Blackburn, Robert R., penetration and growth of lift on space vehicle, 1186
- Blackmore, Donald J., wages and related benefits, metropolitan areas, United States, etc., 12210
- Blacksmiths, employment outlook, 9241
- Blacktail deer, *see* Deer.
- Blackwater National Wildlife Refuge:
birds, list, 4416
general information, 11755
- Blackwell, James A., jr.:
supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-for-coefficient distributions for 2-stage launch vehicle, 15139
- Blackwell, James A., Jr.—Continued
transonic pressure distributions over protuberances and adjacent areas in proximity to nose of launch vehicle, 7821
- Blade, O. C.:
aviation turbine fuels, 7704
burner fuel oils, 16569
diesel fuel oils, 4786
motor gasolines—
summer, 4787
winter, 12236
- Blade, Robert J., attenuation of sinusoidal disturbances in nonviscous liquid flowing in long line with distributed leakage, 15171
- Blades, element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
- Blaine, R. L., interrelations between cement and concrete properties, sulfate expansion, etc., 13855
- Blair, B. E., long-term performance of rubidium vapor frequency standards, 15210
- Blaisdell, Fred W., hydraulic design of box-inlet drop spillway, 8143
- Blake, Doris H.:
Galerucine beetles with excised middle tibiae in male, 6496
review of beetles of genus *Neobrotica* and closely related genera, 7940
- Blanchard, R. C., solar cycle effects on inner zone protons, 6413
- Blast:
controlling platform, VTOL, design and development, feasibility study, 4335
effects on space vehicle structures, 4897
rocket engine tests on expedient surfacing materials, 10440
- Blast furnaces:
census of manufactures, 1963, industry statistics, 8334
formcoke for blast furnace use, evaluation, 4797
- Blasting:
presplitting rock in presence of static stress field, 16586
quarry, effect of charge weight on vibration levels, 12243
vibration levels transmitted across pre-split fracture plane, 1166
see also Explosives.
- Blee, Myron R., nomination, hearing, 11790
- Blind:
books, recordings, and other materials—
hearing, 11660
law, 17092
reports, 10217, 13134
children, educational programs, 8839
State aid under social security act, 8869
statistics, model reporting area, conference proceedings, 13983
- Blindness, flashblindness, experiment in F-101/F-106 simulators, 5331
- Blindness, and Neurological Diseases, National Institute, *see* National Institute of Neurological Diseases and Blindness.
- Blindness Statistics, Model Reporting Area, *see* Model Reporting Area for Blindness Statistics.
- Bliss, James C., experiments in tactual perception, 1183
- Blister rust, *see* Comandra blister rust—White pine blister rust.
- BLM, *see* Land Management Bureau.
- Block, David L., buckling of eccentrically stiffened orthotropic cylinders under pure bending, 7869
- Block Island Sound, tidal current tables, 11505
- Block signals, automatic systems, installation, maintenance, and repair, rules, standards, and instructions, 16385

INDEX 1966

- Blocks, structures, general approach to solutions of linear programming problems, USSR studies, 10744
see also Earth blocks.
- Blood:
- acetylcholinesterase obtained from erythrocytes of cattle, isolation, purification, etc., USSR study, 2241
 - aortic, velocity computed from pressure pulse, 15495
 - burned animals, toxic and serological shifts, USSR study, 14879
 - cardiac output and regional blood flow in anesthetized baboon, 12637
 - cardiac output, computer circuit calculates, 4843
 - clearing factor, effect of experimental hypoxic hypoxia, USSR study, 930
 - cross circulation in deep hypothermia, use to study central nervous system changes, 3780
 - effect of prophylactic administration of mucopolysaccharide preparation on hemopoiesis, USSR study, 6221
 - existence of plasma flow in pericapillary lymph space, 15146
 - glucose levels in adults, 15309
 - hematogenic service in USSR, present and future development, 13516, 16443
 - hematology and blood transfusion, USSR studies, 974, 10788, 16427
 - hematology in pediatrics, USSR study, 9066
 - peripheral arterial, precooling in cold- and warm-adapted rabbits, 3782
 - rhesus monkey erythrocytes, freeze-preservation, 95
 - substitutes, experiments with polyglucine and gelatinol, USSR studies, 949
 - transfusion—
 - polyglucine used in blood transfusion and radiation sickness, USSR study, 4596
 - reactions, Soviet research, 10752
 - under ambulatory conditions in Moscow, USSR, study, 7634
 - USSR study, 4608
- Blood pressure:
- arterial pressure conditions at time of poisoning by organophosphorus insecticides, USSR, 17775
 - hypertension and hypertensive heart disease in adults, 9633
 - hypertension, electric sleep therapy, USSR study, 12164
 - Korotkov sounds, frequency analysis using Fourier transform, 8209
 - measuring system gives accurate graphic output, 2384
 - renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
 - research, use of direct force-measuring transducer, 2376
 - systolic and diastolic, aeromedical assessment without direct arterial puncture, 15558
- Blood sugar level, effect of ultrasound and high-frequency noise, USSR study, 12155
- Blood transfusion, *see* Blood.
- Blood vessels, cerebral vascular crises, USSR study, 13455
- Bloom, M. C., gamma-ferric oxide and passivity of iron, 1364
- Bloomfield, James B., patient returns to community, 11306
- Blowers, current industrial reports, 2818, 12715
- BLS report series, 1088-89, 2289-95, 4713-17, 6255, 7662-63, 9204-5, 10854-857, 12207-209, 13591, 14968-969, 16527-528
- Blue collar workers, examination announcement, 17035
see also Government officials and employees.
- Blue Cross, *see* Health insurance.
- Blue Ridge Parkway, general information, 13878
- Blue Shield, *see* Health insurance.
- Blue spruce, *see* Spruce.
- Bluebunch wheatgrass, *see* Wheatgrasses.
- Blueprint for aggression, the people's war, 12648
- Bluestem, Flint Hills, and Osage pasture report, Kansas and Oklahoma, 15375
- Blum, Barton M., on-the-ground demonstration of northern hardwood timber management, 11992
- Blum, Henry, plant quarantine import requirements of Mexico, 11341
- Blumenthal, W. Michael:
 addresses, etc.—
 Oct. 28, 1965, 2573
 Mar. 12, 1966, 8035
 Mar. 16, 1966, 8034
- Blunt bodies:
 axisymmetric—
 at angle of attack, direct method for calculation of flow about, 10951
 in supersonic spherical source flow, numerical solution, 7891
 flow over blunt body at angle of attack, inverse technique, 9419
 roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149
 spherically blunted cones, aerodynamic characteristics, 2409
 subsonic drag of elliptical forebody, 9519
- Board mills, *see* Building board mills—Paperboard mills.
- Board of Foreign Scholarships, *see* Foreign Scholarships Board.
- Board of Higher Education of District of Columbia, *see* District of Columbia.
- Board of Regents of Smithsonian Institution, *see* Smithsonian Institution.
- Board of Trustees of Federal Hospital Insurance Trust Fund, annual report, 8495
- Board of Trustees of Federal Old-Age and Survivors Insurance Trust Fund and Federal Disability Insurance Trust Funds, report, 8494
- Board of Trustees of Federal Supplementary Medical Insurance Trust Fund, annual report, 8496
- Boards of Review, Judge Advocates General, court-martial reports, holdings and decisions, 5845
- Boatbuilding, equipment, census of manufactures, 1963, industry statistics, 8338
- Boating:
 Coast Guard Auxiliary, membership invitation, 1765
 recreational, statistics, 8409
- Boats:
 fisheries loans for vessels and gear, 754
 ventilation systems for small craft, 11508
see also Nuclear powered ships.
- Boatswains, *see* Aviation boatswain's mates.
- Bobb, W. H., reduction of shoaling in Charleston Harbor and navigation improvement of Cooper River, S.C., 13298
- Bod, Rumania, long-range broadcast transmitter, 12147
- Bodies (aerodynamic), *see* Aerodynamics.
- Bodies of revolution:
 finite rigid, calculation of reflected velocity potential, 12422
 low-drag bodies, drag characteristics, 4920
 oscillating quasi-slender body theory, 11066
 pointed, linearized supersonic flow about, analysis by method of characteristics, 16659
 sandwich shells, local stability, 6474
 shape effect on sonic-boom pressure distributions, 1270
 tangent ogive, Newtonian aerodynamics, 7857
- Body (human), *see* Anatomy.

- Body and fender repairmen, employment outlook, 9210
- Body measurements:
- adults, weight by height and age, United States, 1960-62, 11199
 - height, growth characteristics, USSR study, 6183
 - see also* Anthropometry.
- Body temperature:
- influence of tranquilizer on temperature regulation in man, problems in aviation personnel, 15556
 - man, gastric and intestinal, utilization of radiotelemetry for study, 6209
 - measurement, programed notebook for nursing assistants, 13995
 - mice, effect of environmental temperature on endotoxin lethality, 5314
 - precooling of peripheral arterial blood in cold- and warm-adapted rabbits, 3782
 - regulation in vampire bat *Desmodus rotundus*, 81
 - responses to cold exposure at night, 77
 - see also* Hypothermia.
- Body weight:
- adults, height and age, United States, 1960-62, 11199
 - control yours, 16792
 - density and fat of adult male population measured by water displacement, 14235
 - human subjects, monograms for determining height-weight-circumference relation, USSR study, 2277
 - lower body negative pressure influence on level of hydration during bedrest, 9863
- Boe, Kenneth N., natural regeneration in old-growth redwood cuttings, 10581
- Boeing Company, Dyna-Soar contract cancellation, effects upon employees, case study, 3809
- Boenig, Herman V., pyrolytic products of irradiated cigarettes, 5395
- Bogart, Carl D., space-charge-flow computer program, 9522
- Bogart, Donald:
- boron cross sections as source of discrepancy for capture cross sections in keV region, 11081
 - Monte Carlo interpretations of sphere transmission experiments for capture cross sections, 11080
- Bogden, Arthur E., antigen-antibody responses in rhesus monkey, etc., 95
- Bogress, Jenny Lind, periodicals currently received in NIH Library, 9559
- Bobachevsky, Ihor O., direct method for calculation of flow about axisymmetric blunt body at angle of attack, 10951
- Bohannon, Billy:
- evaluation of commercially made end joints in lumber by 3 test methods, 4466
 - tension test method for structural-size lumber, 4465
- Boilermakers, employment outlook, 9213
- Boilers:
- materials, construction, etc., marine engineering regulations, 14316
 - powerstation, increasing operating period between major repairs, USSR study, 1030
- Boiling:
- forced convection boiling burnout for water in uniformly heated tubular test sections, 8288
 - in discrete bubble region, effects of subcooling and gravity level, 16651
 - magnetic-colloid pool-boiling system, zero- and reduced gravity simulation, 6452
 - nitrogen, visual study of velocity and buoyancy effects, 15138
- Boiling water reactors, *see* Reactors (atomic).
- Boise City, Idaho, area wage survey, 1092, 17814
- Boland, John V., Construction Co., relief, 10107, 14348, 16031
- Boldman, Donald R., turbulence, heat-transfer, and boundary layer measurements in conical nozzle with controlled inlet velocity profile, 7822
- Boldt, Robert F.:
- factoring to fit off diagonals, 9914
 - multidimensional scaling, 3841
- Boley, Dean W., oil-reservoir analysis and predicted recovery by waterflooding, Clinton sand, Logan oilfield, Hocking County, Ohio, 1157
- Bolin, Stanley F., team procedures in image interpretation, 14234
- Bolivia:
- agricultural commodities, agreement, 1497, 1502
 - background notes, 12515
 - Chile boundary, study, 11258
 - mineral industry, minerals yearbook chapter, 4762
- Boll weevils, *see* Weevils.
- Bolles, Edgar H., talk, May 4, 1965, 14742
- Bollinger, Loren E., contribution of combustion noise to overall rocket exhaust jet noise, 9432
- Bolometers:
- ferroelectric, measure RF absolute power at submillimeter wavelengths, 6377
 - wedge immersed thermistor bolometer measures infrared radiation, 1206
- Bolsons, environment and formation of alluvial fans, study, 817
- Bolster, R. N., behavior of metal soap-oil systems, 12437
- Bolts (lumber):
- southern hardwood, major defects, 10608
- Bolts and nuts:
- census of manufacturers, 1963, industry statistics, 6908
 - fastener provides for bolt misalignment and quick release of flange, 12316
 - modified power tool rapidly drives series torque bolts, 6380
 - pressure-welded flange assembly provides leak-tight seal at reduced bolt loads, 11039
 - rock bolts under combined loading, yield and ultimate strengths, 16585
- Bombay Hook National Wildlife Refuge, birds, list, 4415
- Bombing airplanes, *see* Airplanes.
- Bombs and components, Army technical manual, 11406
- Bonanza Airlines, Inc., accident, 282
- Bonavito, N. L., computation procedure for Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, 15170
- Bond, Deborah T.:
- annual digest of State and Federal labor legislation, 7652
 - State labor legislation passed, 4710
- Bond, George F., high pressure living, 6283
- Bond, Victor R., recursive computation of coefficients of time-dependent f and g series solution of Keplerian motion, 6463
- Bondarchuk, Volodymyr G., biography, USSR, 13479
- Bondelid, Rollon O., NRL cyclotron program, 13911
- Bonding of materials:
- bonded plastic tape used for lining filament-wound fiber-glass cryogenic propellant tanks, 4950
 - brazing method produces solid-solution bond between refractory metals, 2389
 - brazing process provides high-strength bond between aluminum and stainless steel, 13787
 - chemical bonding of carbides, nitrides, and dihydrides of titanium and zirconium, 13836
 - differential expansion provides pressure for diffusion bonding of large diameter rings, 12311
 - diffusion bonding, broad applications, 7731

Bonding of materials—Continued
 diffusion bonding makes strong seal at flanged connector, 11042
 dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
 electrolytic etching process provides effective bonding surface on stainless steel, 13736
 plasma-sprayed alumina coatings on stainless steel, shear bond strength analysis, 1275
 selenium bond decreases on resistance of light activated switch, 1205
 thermoelectric bonding study, 4824

Bonds :
 open market money rates and bond prices, monthly, 3294
 or notes issued by local urban renewal or public housing agencies are incontestable in hands of bearer, opinion of Attorney General, 6248
 sales for public school purposes, 4296
 sales for water and sewer, 11964
 ship mortgage, sale to noncitizens—
 hearings, 572
 law, 446
 TVA power program financing, increase limitation—
 hearings, 11682, 14503
 law, 15720
 proposed legislation, 11607
 reports, 10176, 11620, 13160
 Virgin Islands, special revenue bond borrowing authority, increase—
 law, 17133
 reports, 13179, 17212
see also Guaranties and sureties—Savings bonds.

Bonds Creek, oilfield, oil recovery by low-pressure gas drive in Keener sand, Lafayette district, Pleasants County, W. Va., 12253

Bonds of United States, retirement of \$30 billion of Government bonds held by Federal reserve banks, hearings, 15964
see also Government securities—Savings bonds.

Bone marrow, *see* Marrow.

Bones :
 bone decalcification and tumor research. USSR study, 4621
 bone densitometry methods, development, progress, 6352

Bonner, F. T., survival and 1st-year growth of hardwoods planted in saturated soils, 16335

Bonner, Herbert C., memorial services, 17065

Bonneville County, Idaho, geology of Garns Mountain quadrangle, 9010

Bonneville Dam :
 fish passage report, 667, 11888
 navigation channel improvement, hydraulic model investigations, 11890

Bonneville Power Administration :
 appropriations, 1967, public works, hearings, 10229, 16173
 generation and sales statistics, 8310, 16985
 transmission line construction practices, coordination, GAO report, 8984

Bonus power station, *see* Nuclear reactor power plants.

Bonus system :
 code of Federal regulations, 10495
 Soviet industrial enterprises, bonus fund for workers, 4663
 USSR, new system of planning and economic incentives, 4663

Book lists, *see* Books.

Bookbinding, census of manufactures, 1963, industry statistics, 6900

Bookkeeping machine operators, employment outlook, 9214

Books, Kenneth G., aeroradioactivity survey related surface geology of San Francisco region, 11417

Books :
 book selection aids for children and teachers in elementary and secondary schools, 8836
 books can build the bridges (address), 7299
 braille, for use of blind and other handicapped persons—
 hearing, 11660
 law, 17092
 reports, 10217, 13134
 census of manufactures, industry statistics, 3892
 children's—
 guide for parents, 9827
 list, 7681
 selected list, 16223
 copyrighted, catalog of copyright entries, 4238
 Federal item identification guides for supply cataloging, supplements, 2939
 former Communist Party chairman publishes book, 14903
 Last battle, by Cornelius Ryan—
 Soviet colonel reviews, 14925
 Soviet commentary, 13494
 Library of Congress—
 author catalog, 3242
 register of additional locations, 2308, 14986
 subject catalog, 3146
 library, price fixing, hearings, 14492
 medical symbolism, Renaissance and Baroque, 12395
 new Soviet, reviews on automation and cybernetics, 13484
 USSR, cybernetics, 2262
see also Reference books—Textbooks.

Books (talking), *see* Talking books.

Boolean functions, *see* Mathematics.

Booms, sheet metal strip unrolls to form circular boom, 4869

Boone, R. Sidney, service life of telephone poles on Island of Hawaii, 10583

Roosters (rocket), *see* Rockets.

Boots and shoes :
 bibliography, 6601
 census of manufactures, industry statistics, 3896
 industry wage survey, 13617
 leather work shoes from Czechoslovakia, determination of no injury to U.S. industry, 14043
 Massachusetts shoe manufacturing wage chronology, 6268
 safety shoe demonstration, maritime safety data, 7655
 shoes and slippers, current industrial reports, 264, 2817
 upper leather, visual inspection guide, military standards, 11850

Borchardt, Narnie, voluntary health agency expenditures for research and research training, 5035

Borden formation, *see* Mississippian period.

Border Patrol, Immigration and Naturalization Service, origin and work, 842

Boreholes, gravimetry in petroleum exploration and exploitation, 9017

Borides, diborides in pseudobinary system TiB₂-CrB₂ electrical properties, 1162

Boring :
 explosive-expansion center-hole anchor, 4791
 ground stress components from measurements of diametral deformation of drill hole, 4801
 horizontal mill, use of precision leveling jacks to expedite setup time, 16634
 Boring insects, *see* names of insects.
 Boring machinery, *see* Drills (tools).

Boris Kidric Institute, Co⁶⁰ radiation unit, irradiation possibilities, Yugoslavian study, 951

- Borkowski, Raymond P., beam alignment techniques based on current multiplication effect in photoconductors, 9405
- Bornmuth, W. D., production of manufactured dairy products, 14038
- Borneo, south, southeast, and east coasts, sailing directions, change, 11145
- Boron:
- amorphous boron powder purification and crystallization by zone refining, pre-purification of boron before zoning, 11436
 - bias determination of mass spectrometric isotopic analysis, using prepared standards and sodium and cesium tetraborate charge material, 11427
 - cross sections as source of discrepancy for capture cross sections in KeV region, 11081
 - deoxidized copper withstands brazing temperatures, 15092
 - filaments, mechanical and physical properties, 4947
 - influence of additions on physical and mechanical properties of arc-melted tungsten and tungsten-1 percent tantalum alloy, 4973
 - isotopic mixtures, synthetic, for mass spectrometric determination, preparation, 11426
 - minerals yearbook chapter, 15000
- Boron hydrides, pharmacology and toxicology, 14188
- Boron nitride, outgassed, and boron nitride composite, ablative and insulating properties, 17922
- Borrowing, *see* Loans.
- Bosch, Myriam, relief, 15829, 17446
- BOSP series, 1742
- BOSR series, 15614
- Bossio, Giuseppe, relief, 8519, 12816
- Bossler, Robert B., jr., main power system for shaft-driven lift helicopters, 1672
- Bost, William E., hot laboratories, bibliography, 1683
- Boston, Mass.:
- area wage survey, 4721
 - commodity transportation survey, production area series, 8339
 - large-trawler labor force, economic study, 10528
 - nursing homes, conditions and problems, hearings, 1926
 - post offices, accelerated business collection and postal delivery program, GAO review, 10625
 - principal electric facilities, map, 7374
 - wholesale food distribution facilities, 3759
 - womenpower, shortage or surplus? assessment in industry, Government, and research, conference report, 16912
- Boston and Maine Corporation, railroad accident, 6096
- Boström, Kurt, surface conditions of Orgueil meteorite parent body as indicated by minerals associations, 14016
- Boswell, Victor R., growing eggplant, 8147
- Botanic Garden:
- appropriations, 1967, legislative—law, 15727
 - reports, 10224, 13168, 14395
 - employees retirement benefits, correct inequity—law, 15771
 - report, 17476
 - remodel existing structures, use as visitors' center, hearing, 13056
- Botanical gardens, Donetsk Botanical Garden, Academy of Sciences UKSSR, construction, 1046
- Botanists, USSR, biographies, 10714
- Botany:
- botanical and commercial range of black spruce in Lake States, 5985
 - 50 years of All-Union Botanical Society, USSR, 2268
- Bothnia, Gulf of, lights and fog signals, list, changes, 1338, 6523, 9584, 16747
- Bottles, plastics, current industrial reports, 260, 1735, 2817, 12720
- Botts, Ralph R., farmers' handbook of financial calculations and physical measurements, 16919
- Botulism, clostridium, source of toxin in fish, USSR study, 16486
- Boucot, Arthur J., paleozoic gastropoda from Moose River synclinorium, northern Maine, 17721
- Boulder County, Colo., land conveyance to W. F. Stover, 12865, 14357, 16028
- Boulder-Weld coalfield, coal industry, analysis, 6318
- Boule flotation, *see* Flotation.
- Boundaries:
- international boundary studies, 2579-80, 5154, 6635, 8062-65, 9723, 11255-258, 15342
 - map of United States showing historic boundaries, 13651
 - announcement and order form, 17999
- studies—
- Austria-Italy, 5154, 11256
 - Bolivia-Chile, 11258
 - Bulgaria-Greece, 2579
 - Burma-Thailand, 8064
 - Chile-Peru, 9723
 - China-U.S.S.R., 8065
 - Colombia-Panama, 8063
 - Czechoslovakia-Hungary, 11257
 - Jordan-Saudi Arabia, 6635
 - Laos-Vietnam, 11255
 - Libya-United Arab Republic, 8062
 - Malaysia-Thailand, 2580
- survey of boundary between Arizona and California, 3994
- United States and the several States, with geographic information concerning areas, etc., 6030
- Boundary layer:
- grit-type transition trips, use on wind-tunnel models, 16660
 - high-speed laminar, application of Eckart reference formulation, 7740
 - laminar—
 - and turbulent—
 - hypersonic pressure and heat transfer tests, 15047
 - pressure and heat transfer tests on surface roughness elements, 15049
 - leading edge bluntness and ramp deflection angle effects on separation in hypersonic flow, 6454
 - on cone in supersonic flow with uniform mass transfer, 9414
 - magnetohydrodynamic, between parallel streams of different magnetic fields and temperatures, 7748
 - measurements, in conical nozzle with controlled inlet velocity profile, 7822, 17911
 - noise on X-15, flight measurements, 7877
 - nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
 - pressure fluctuations and induced structural response, flight and wind tunnel measurements, 17880
 - pressure fluctuations, panel response, 10967
 - separated flows induced by shock wave-boundary layer interaction, analytical study, 17875
 - shock waves, occurrence, 4941
 - supersonic turbulent, perturbed by steps and shock waves, spectra and space-time correlations of fluctuating pressures at wall beneath, 10954
 - thermal, in confined liquid, 9521

- Boundary layer—Continued
transition—
factors affecting, review, 13804
X-15-2 research airplane, analysis, 12360
roughness effects for blunt-leading-edge plates, 15149
turbulent—
pressure fluctuations, 4915
60° and 70° swept delta wings, heat-transfer and pressure distributions, 16697
Bounded phase coordinate control, 9438
Bourdaon gages, *see* Pressure gages.
Boure, J., hydrodynamic instabilities limiting power of boiling water reactors, 15530
Boutin, Bernard L., nomination, hearing, 10330
Bovine brucellosis, *see* Brucellosis.
Bovine leukosis, *see* Leukemia.
Bowen, Hugh M.:
apparent movement phenomena on CRT displays, 2363
study, assessment of pilot proficiency, 15250
Bowen, J. T.:
parasitic copepod *Argulus*, 11969
parasitic copepods *Ergasilus*, *Achtheres*, and *Salmincola*, 11970
Bowie, Robert R., nomination, hearings, 14481
Bowker, J. Ernest, laundry and drycleaning industry, 1693
Bowles, Gladys K.:
analytical groupings of counties, 631
hired farm working force of 1965, statistical report, 16224
Box cars, unloading of grain at terminal elevators in hard winter wheat area, 15434
Boxes:
field effects of preservative treatment on nail holding, 4467
pallet, hydrohandling system for sorting and sizing apples for storage, 11357
paperboard—
census of manufactures, 1963, industry statistics, 5441
industry wage survey, 9331
Boy Scouts of America:
50th anniversary of chartering by act of Congress, recognize, report, 4100
loan of equipment for 1967 world jamboree and conference—
law, 11588
reports, 10147, 11771
report, 8498
Boyce, John S., jr., needle cast of southern pines, 7451
Boyce, Stephen G., more walnut timber faster, 8951
Boycotts, private boycotts vs. national interest, 15338
Boyd, Alan S.:
remarks—
Oct. 13, 1965, 357
Nov. 12, 1965, 358
Nov. 16, 1965, 348
Nov. 18, 1965, 349
Dec. 2, 1965, 350
Dec. 14, 1965, 1778
Dec. 28, 1965, 1775
Jan. 12, 1966, 4018
Jan. 18, 1966, 4024
Jan. 19, 1966, 4025
Jan. 22, 1966, 4019
May 24, 1966, 10036
July 29, 1966, 12788
Aug. 8, 1966, 12789
Boyer, W. D., litter in longleaf pine stands thinned to prescribed densities, 16334
Boyett, John D., aortic blood velocity computed from pressure pulse, 15495
Boykin, Calvin C., economic and operational characteristics of Arizona and New Mexico range cattle ranches, 5866
Boyle, James R., mineral industry of Tennessee, 1146
Boys' clothing, *see* Clothing.
Boys Town, Nebr., *see* Father Flanagan's Boys' Home of Boys Town, Nebr.
BPR program (series), 5125-27
Brabston, William N., subgrade stabilization with portland cement, etc., under landing mat, 7333
Brachiopods, silicified Ordovician, from east-central Alaska, 9650
Brackish water, *see* Water.
Bradford, E. W., defense industry bulletin, 2844
Bradford, Henry W., cotton cooperatives on plains of Texas, services and benefits, 5908
Bradford, James M., jr., operating parameters of omegatron mass spectrometer in ultrahigh vacuum, 4908
Bradley, Nell B., disabling work-injury experience of oil industry and natural gas industry in U.S., 15004
Brady, Edward L., national standard reference data system, status report, 11098
Bragg, Louis R., radial heat equation and Laplace transforms, 2361
Brain:
animal exposed to ionizing radiation in antenatal period, function and structure, USSR book review, 931
childhood disorders, research progress summary, 1318
cybernetics, USSR studies, 9132
dysfunction, minimal, in children, terminology and identification, 11109
edema, reserpine therapy, 3795
integrative activity, and cybernetics, USSR study, 16436
machine penetrates into secrets, USSR study, 16474
machinery of the brain, book review, 10794
motor formations, functional properties, influence of different grades of hypoxia, USSR study, 1022
neurohumoral mechanisms of reticular formation of brain stem, USSR book, 7606
rats, nitrous exchange during action of pulse accelerations, USSR study, 16421
self-regulation and memory, USSR study, 4640
technology and brain, USSR study, 2231
time constant involved in attention and neural information processing, 9402
see also Electroencephalography.
Brakensiek, D. L.:
numerical techniques for small watershed flood routing, 8125
storage flood routing without coefficients, 14102
Brakes:
magnetic braking coils, optimum design, application to Lewis drop tower experiments, 4910
magnetic, optimum design, 6399
modified hydraulic braking system limits angular deceleration to safe values, 13746
vehicular, identification list for Federal supply catalog, Defense Dept. section, 5851
Bramlage, William J., gamma radiation of fruits to extend market life, 45
Bramlett, Glenn L., soil survey, Gordon County, Ga., 1478
Brandhorst, Henry W., jr., high photovoltaics in cadmium sulfide films, 9534
Brandon, George W., jr., heat-shield ablation measurements using radioisotope techniques, 7852
Branford, Fla., railroad accident, 14785
Branstetter, J. Robert, surface temperature measurement by optical and ratio pyrometers, 15193
Brant, A. W., bacteriological, etc., requirements for cleaning eggs, 6759

- Brasfield, Charles W.:**
 optimum plan for improvements in Nassau Harbor, Nassau, New Providence, Bahamas, 1992
- U.S. Navy ship mooring facility, west coast of Point Loma, San Diego, Calif., hydraulic model investigation, 5887**
- Brasington, Clayton F., jr., hotel and restaurant meat purveyors, improved methods and facilities for custom service houses, 12608**
- Braskamp, Bernard:**
 prayers offered in House of Representatives, 89th Congress, 15780
 print as H. Doc., report, 10192
- Braslow, Albert L.:**
 analysis of boundary-layer transition on X-15-2 research airplane, 12360
 boundary layer transition, 13804
 use of grit-type boundary-layer-transition trips on wind-tunnel models, 16660
- Brass:**
 cartridge, homogeneity characteristics of NBS spectrometric standards, 5007
 mill, scrap and metal consumption and stocks, mineral industry survey, monthly, 2710
 scrap, consumers, mineral industry survey, monthly, 2799
- Brassieres, current industrial reports, 12708, 15582**
- Brattice-cloth, jute line systems, performance characteristics for face ventilation in underground mines, 6317**
- Braun, C. F., and Company, conceptual design of desalination plant, 6055, 16370**
- Bray, Donald T., design study of reverse osmosis plant for sea water conversion, 9038**
- Brayton cycles:**
 gas-to-liquid heat exchangers for space powerplants, 9430, 10939
 space power generation system, turbine performance, evaluation, 4898
 space-power system, effect of turbine-coolant flow on thermodynamic performance, 12354
 torque requirements for orientation of solar Brayton system in earth orbit, 2427
see also Turbines.
- Brazil:**
 aerial mapping program, agreement, 2592
 background notes, 9714
 establishing business in, 7009
 exchange service for U.S. government personnel, suspension, GAO report, 810
 Expeditionary Force in Italy during World War II, report by commander, 9356
 foreign trade regulations, 10030
 loan of destroyers, law, 426
 mineral industry, minerals yearbook chapter, 10913
 new data of geological structure of bottom of Brazilian Basin, USSR study, 4638
 northeast coastal, reconnaissance for uranium, 5399
 Pocos de Caldas Plateau, uraniferous zirconium deposits, 13395
 uranium investigations in Brazil (series), 13395
- Brazing, see Solder and soldering.**
- Breaching wall of silence, 6690**
- Bread:**
 and cereals, golden nuggets, guide for program aides in home economics, 15458
 prices, hearings, 15953
- Breadboard (electronics), see Circuits.**
- Breakfasts:**
 school breakfast program for children—hearings, 13191, 17375
 reports, 12985, 13146, 15865, 15890
- Breaking sound barrier (address), 1076**
- Breakwaters:**
 Nassau Harbor—
 improvements, optimum plan, 1992
 rubble-mound stability, 679
 rubble-mound designs for Dana Point Harbor, Calif., hydraulic model investigation, 14575
 with vertical and sloping faces, 8857
- Breakwell, John V., theory of minimum effort control, 6330**
- Bream, see Rosefish.**
- Breast, cancer, 11185**
- Breast feeding, your baby, 3943**
- Breathing, see Respiration.**
- Breathing apparatus:**
 Mines Bureau approved respiratory protective devices, 6287
 respiratory devices for protection against pesticides, 5264
 respiratory transfer valve has fail-safe feature, 2388
- Breccia, solution beds, Madison group, Livingston, Mont., discussion, 4522**
- Breeden, K. H., submillimeter interference spectrometer, characteristics, performance and measurements, 10961**
- Breeder reactors, see Reactors (atomic).**
- Breeding, see Swine.**
- Breeding tubercles, see Percidae.**
- Bregman, J. I., application of inorganic ion-exchange membranes to electrodialysis, 7512**
- Breimyer, Harold F., statement, Mar. 31, 1965, 4233**
- Brekke, J. E., texture of brined cherries, 8132**
- Bremsstrahlung radiation, production in aluminum and iron by electron bombardment, 2359**
- Bren Operation, see Operation BREN (bare reactor experiment Nevada).**
- Brennan, Martin J., keypunch controls for string-punching of statistical data, 5016**
- Brenner, Edward J.:**
 addresses—
 Nov. 10, 1965, 1393
 July 28, 1966, 13913
 Aug. 6, 1966, 13915
 Sept. 13, 1966, 15256
 Oct. 11, 1966, 17983
- Bresie, Don, practical limits for balsa impact limiters, 4924**
- Breuer, Erwin H., strain gage differential weighting system, 8955**
- Brevortia tyrannus, see Menhaden.**
- Brewbaker, James L., what you can expect from atomic-irradiated seeds, 5428**
- Brewer, Thomas K., basic data on economy of Guatemala, 11517**
- Breweriaceras, see Ammonites.**
- Brice, James C., erosion and deposition in loess-mantled Great Plains, Medicine Creek drainage basin, Nebr., 17717**
- Brickell, James E., site index curves for Engelmann spruce in northern and central Rocky Mountains, 10567**
- Bricker, Neal S., solute and water transport across biologic membranes, 14774**
- Bricklayers:**
 apprenticeship standards, 15501
 employment outlook, 9216
- Bricks, see Adobe.**
- Briddon, Arnold E., Federal Aviation Agency historical fact book, chronology 1926-63, 10458**
- Bridge cranes, see Cranes, derricks, etc.**
- Bridgeport, Conn., commodity transportation survey, production area series, 8340**
- Bridges:**
 military aluminum, rigging for airdrop, Army technical manual, 9910
 reinforced concrete bridge members, strength and serviceability, 18085
see also names of bridges, or bodies of water to be bridged.
- Bridgewater quadrangle, Maine, geology, 4510**

- Bridwell, Lowell K. :
 addresses, etc.—
 Dec. 17, 1965, 1776
 Mar. 8, 1966, 5556
 Mar. 10, 1966, 5557
 Apr. 14, 1966, 8438
 Apr. 27, 1966, 8439
 Apr. 28, 1966, 8440
 May 3, 1966, 8443
 May 6, 1966, 8437
 May 17, 1966, 10039
 May 18, 1966, 10041
 June 16, 1966, 11524
 June 21, 1966, 10040
 Oct. 5, 1966, 15654
 Oct. 12, 1966, 17060
- Brief cases :
 chart case opens to form briefing easel, 7789
 current industrial reports, 2817
- Briefs of accidents, U.S. general aviation, small fixed-wing aircraft, etc. (periodical), 2711
- Brigadier generals :
 Medical Service Corps, Army, authorize—law, 15770
 reports, 12992, 17493
- Brigantine National Wildlife Refuge, mammals, list, 4420
- Briggs, George E. :
 laboratory research on team training, 12421
 team training research, 5066
- Briggs, Ronald C. :
 calcium and calcium compounds, 13675
 fluorspar and cryolite, 17836
- Bright, Richard L., back to drawing boards, progress under title 4 of elementary and secondary act, 13267
- Brighter vistas, church programs for older adults, 5260
- Brightness, see Light.
- Brightness profile of day horizon of planet earth, USSR, 16471
- Brimmer, Andrew P. :
 addresses, etc.—
 Oct. 29, 1965, 362
 Nov. 30, 1965, 336
 Dec. 28, 1965, 1769
 Jan. 21, 1966, 3998
 Feb. 25, 1966, 5554
 Mar. 2, 1966, 5563
 Apr. 1, 1966, 7420
 June 8, 1966, 10513
 July 18, 1966, 11947
 Sept. 11, 1966, 14637
 Sept. 23, 1966, 16286
 Oct. 5, 1966, 16281
 nomination, hearing, 5800
- Brines, optimum brine heater outlet temperature in sea water conversion evaporators, 12053
- Brining, see names of commodities brined.
- Brink, N. O., research on expandable airlock utilizing elastic recovery principle, 4811
- Brinkerhoff, Joris M., narrow band X-ray detector for identification of chemical elements, 6855
- Brinkman, Kenneth A., shortleaf pine in Missouri, stand density affects yield, 793
- Briquets, fuel, mineral yearbook chapter, 15006
- British Columbia, sailing directions, change, 17965
- British Guiana :
 agricultural products, demand, supply, and imports, projected levels to 1975, summary and evaluation, 11865
 mineral industry, minerals yearbook chapter, 6296
- British Honduras :
 background notes, 1480
 investment guaranties, agreement, 11279
 mineral industry, minerals yearbook chapter, 7688
- British Isles, see Great Britain.
- British Solomon Islands, see Solomon Islands.
- Brittle fracture, see Fracture of metal.
- Brittle materials :
 friction loading device enables accurate testing, 13780
 prestressed and segmented brittle structures, 10970
- Britz, William E., jr., cardiovascular effects of 1,1-dimethylhydrazine, 96
- Broadcasting, see Radio broadcasting—Radio stations—Television.
- Brockton, Mass., commodity transportation survey, production area series, 8339
- Broel-Plateris, Alexander A., divorce statistics analysis, United States, 1962, 1444
- Brogan, Francis A., comparison of semi-automatic audiometer with manual audiometry, 5332
- Broilers, see Chickens—Poultry.
- Brokaw, Arnold L. :
 geology and mineral deposits of—
 Mosheim and Johnson anticlines, Greene County, Tenn., 4512
 Powell River area, Claiborne and Union Counties, Tenn., 13400
- Brokaw, Richard S., ignition kinetics of carbon monoxide-oxygen reaction, 16706
- Brokers :
 fees for VA property management—law, 17121
 reports, 5650, 16143
 real estate, employment outlook, 10864
 regulations to govern destruction of records, 6100
- Bromine :
 dissociation rates in presence of argon, neon, and krypton, shock-tube investigation, 13821
 minerals yearbook chapter, 13671
- Bronfin, B. R., synthesis of nitrogen fluorides in nitrogen plasma jet, 12426
- Brooders, gas-fired infrared chick brooders, radiant energy distribution, 9777
- Brooding chicks with infrared lamps, 41
- Brookhaven high flux reactor, see Reactors (atomic).
- Brookhaven National Laboratory :
 dedication of new Chemistry Building (remarks), 16977
 studies of sites for nuclear energy facilities (series), 13394
 Suffolk County, N.Y., postulated liquid-waste releases, hydrologic analysis, 13394
- Brooking, Walter J., civil technology, highway and structural options, etc., 11868
- Brooklyn Borough, see New York City.
- Brooks, Cuyler W., jr., hypersonic aerodynamic characteristics of aircraft configurations with canard controls, 9515
- Brooks, Frank P., gastroenterology abstracts and citations, 5027
- Broome, Joseph H., fluid power systems equipment, shipments and end use, 8317
- Broome County, N.Y., population, special census, 12726
- Broscole, Leonard, analysis of induced motion, 7973
- Brown, Clarence J., memorial services, 7018
- Brown, David S., committees for community shelter planning, 17027
- Brown, Donald N., revised design criteria for T11 landing mat, 7337
- Brown, Emma E., abstracts of U.S. APRO research publications, 3842
- Brown, H., navigator study of electric propulsion for unmanned scientific missions, 15066
- Brown, Hilda J., publications of Southeastern Forest Experiment Station, 4483
- Brown, J. Douglas, grand strategy of human resource planning, 4328

- Brown, James K.:
estimating crown fuel weights of red pine
and jack pine, 7461
firebreak maintenance with soil sterilants,
14707
- Brown, Jerry, soils of Okpilak River region,
Alaska, 15506
- Brown, Kenneth E., lively 3d R, 16237
- Brown, Lester R., address, Feb. 8, 1966,
9834
- Brown, Mary L., nursing in occupational
health, 1426
- Brown, Samuel A., German, basic course,
5153
- Brown, Sidney E., influence of packaging and
labeling on sales of interior Florida grape-
fruit, 10414
- Brown, Stephen C.:
mineral industry of—
Denmark, 2323
Ireland, 4767
Netherlands, 6302
Portugal, 4774
Spain, 7703
Switzerland, 6307
- Brown, William T., soil survey, Dyer County,
Tenn., 11234
- Brown Swiss cattle, *see* Cattle.
- Brownell Creek, subwatershed 1, sedimenta-
tion, 16363
- Browning, James S.:
laboratory processes for washing tetra-
bromothane from mineral particles,
6320
selective flotation of mica from Georgia
pegmatites, 16575
- Brownstein, Philip N., nomination, hearing,
5801
- Browse, *see* Forage plants.
- Brucellosis:
bovine, eradication, in cooperation with
States, 1965, summary, 1576
eradication activities in cooperation with
States, summary, 3556
eradication in cooperation with States,
summary, 3551
market cattle testing, what you should
know, 6762
National Brucellosis Committee, 1965
proceedings, 14
national committee, 1966 proceedings,
11363
prevention, symptoms, etc., 1420
State-Federal cooperative program, prog-
ress report, 9790
swine, validated brucellosis-free herds, list,
11337
- Brucellosis vaccine, health of persons er-
roneously vaccinated with large dose BA-
19 strain, USSR study, 10832
- Brumberg, Abraham, problems of commu-
nism, 3417
- Brumidi, Constantino, bust, place in U.S.
Capitol, reports, 7191, 10215
- Bruner, Jerome, learning about learning, con-
ference report, 8847
- Brunswick, Ga., port, 13294
- Brush fires, *see* Forest fires.
- Brushes:
and accessories, Federal standard, 4396
artist's, Federal standard, 4395
Federal item identification guides for sup-
ply cataloging, supplements, 2937
- Bruun, Johannes H.:
agricultural raw materials for industrial
use, 8124
thermal insulation for building construc-
tion, 8
- Bryan, D. E., application of neutron activa-
tion analysis in scientific crime detection,
6852
- Bryan, Harry C., almond industry of Italy,
13352
- Bryan, Max E., impact testing of long travel
shock pallets, etc., for transportability rail
instrumentation, 9916
- Bryan, W. C., testing shortleaf pine seedlings
for resistance to infection by *Phytoph-
thora cinnamomi*, 5986
- Bryant, Bruce, mineral resources of Grand-
father Mountain window and vicinity,
N.C., 10639
- Bryant, E. Earl:
institutions for aged and chronically ill,
U.S., Apr.-June 1963, 1440
utilization of institution for aged and
chronically ill, 6589
- Bryant, Farris, nomination, hearings, 7204
- Bryant, Floyd R., damage to field-effect
transistors under 22 and 128 MeV proton
bombardments, 17915
- Bryant, Paul J., extreme vacuum technology
developments, 1184
- Bryce Canyon National Park, general infor-
mation, 1327
- Bubble chambers, CEA, beryllium windows,
investigation, 9922
- Bubbles:
boiling in discrete bubble region, effects of
subcooling and gravity level, 16651
theory of etiology of decompression sick-
ness as related to high altitude exposure,
5326
- Bucci, Don R., spillway and outlet works,
Shelbyville Dam, Kaskaskia River, Ill.,
hydraulic model investigation, 11897
- Buchanan County, Va., coal, preparation
characteristics, 6325
- Bucher, George C., physics of moon, 1243
- Buck, K. E., evaluation of radioisotope ap-
plications in hydrospace, 11416
- Buckley, Donald H.:
effect of orientation on friction character-
istics of single-crystal beryllium in
vacuum, 12358
friction and wear characteristics of poly-
imide and filled polyimide compositions
in vacuum, 6441
friction characteristics of—
aluminum oxide in contact with various
metals in vacuum, 15185
single crystal and polycrystalline alumi-
num oxide in contact in vacuum, 15190
influence of orientation of grains in tung-
sten on its friction characteristics, 4970
titanium-aluminum alloys in vacuum, 4969
- Buckley, Michael P., relief, 15796
- Buckling, *see* Strains and stresses.
- Budapest, Hungary:
international conference on observation of
artificial satellites, program, 7604
oncological research at institutes, USSR
report, 17767
- Budding, *see* Cherry.
- Budget Bureau:
career staff to the President, 15560
Interagency Committee on Occupational
Classification, collection and classifica-
tion procedures in Federal agencies,
progress report, 14245
legislative policy, hearing, 14404
statistical reporter (periodical), 12690
working papers, 14244-245
- Budget of United States:
estimates, submitted by the President, 89th
Congress, 1st session, 1884
Federal planning-programming-budgeting
system (remarks), 16986
- 1967—
budget in brief, 3862
departmental edition, 3863
appendix, 3864
document edition, 4058
appendix, 4059
District of Columbia—
departmental edition, 3865
document edition, 4060
excerpts from the President's message,
7210
hearings, 7111
special analyses, 5432
planning, programming, budget system
(talk), 3866

INDEX 1966

Budgets, *see* Budget of United States—*also* names of departments, etc.

Budworms:
black-headed—
 Bacillus thuringiensis used against, field test, 13361
 mortality of overwintering eggs, 13359
 oviposition preference and host phenology, 13360

Buffalo, N.Y.:
 Ansley Wilcox House acquisition, etc., reports, 505, 17542
 area wage survey, 9317
 commodity transportation survey, production area series, 9954
 principal electric facilities, map, 7374

Buffalo fish, smallmouth and bigmouth in Lewis and Clark Lake, Missouri River, 17676

Buffers, momentum region, effects on coaxial flow of dissimilar gases, 2424

Buffeting load, *see* Load (mechanics).

Bugg, Frank M., low-speed tests of 50°-swept parawings applied to 0.17-scale model of manned flight vehicle, 15144

Bugs, *see* Insects.

Builders, 3 & 2, Navy training course, 5062

Building:
 adobe and stabilized-earth blocks, 3757
 arctic and subarctic construction, Army technical manual—
 building foundations, 12663
 calculation of depths of freeze and thaw in soils, 5374
 building codes, program for intergovernmental reform, report, 8121
 college campus construction and rehabilitation, 14556
 computers that hear and speak, USSR study, 12183
 construction—
 facilities for health research, etc., Public Health Service grants and awards, 6491
 higher education facilities, financial assistance, regulations, amended, 11873
 materials and practice, Army technical manuals—
 acoustical treatment, 1650
 builders' hardware, 1649, 9903
 calking and sealing, 3832
 masonry, 128
 movable partitions, 12660
 roof decking, 129
 materials used in distillation plants, study, 7515
 projects, fire safety (talk), 14742
 thermal insulation, 8
 construction reports, quarterly public, 3935, 11477
 development of improved system of wood-frame house construction, 5993
 financing capital construction, rules in USSR, 1041
 helicopter stations, planning and construction, USSR study, 10809
 home construction, publications, price list, 1408
 house-framing system for low-cost construction, 15452
 housing construction, 1889-1964, statistics, 14280
 labor requirements for various types of construction, 7674
 library services and construction act—
 extend and amend—
 hearings, 10239, 11823
 law, 12836
 reports, 8635, 10170, 16067
 Federal allowances and required matching expenditures from State and local sources, 1966, 1978

Building—Continued

materials—
 American-made, use in embassy, etc., construction, GAO report, 8992
 Federal item identification guides for supply cataloging supplements, 2935
 retail trade, employee earnings, 13611
 mortgage credit for residential construction, stimulate flow, hearing, 14474
 PACAF basic bibliographies, supp., 5319
 permits 2784-85, 12704-705, 14263
 housing authorized, 2784, 12704-705
 summary statistics, 2785, 14263
 price-fixing and estimates in construction must be improved, USSR study, 4652
 school and hospital construction program, agreement with Burma, 15370
 school construction standards, revision to avoid excess seating in dining facilities, GAO report, 9002
 sewage and water works construction, contracts awards, 16292
 State and local governments, construction expenditures, 3935, 11477
 structural engineering, Navy design manual, changes, 6707
 transition to new norms and prices in construction, USSR, 4678
 urban renewal rehabilitation, minimum property standards, 16272
 value of new construction put in place, 1962-65 in U.S., 5458
 see also Construction industry.

Building and loan associations:
 tax exemption for nonprofit corporations providing reserve funds—
 law, 5578
 report, 4167

Building board mills, census of manufactures, industry statistics, 3891

Building machinery:
 construction machinery and equipment, census of manufactures, 1963, industry statistics, 5448
 construction machinery, current industrial reports, 2818
 Federal item identification guides for supply cataloging, supplements, 2932
 USSR industrial development, translations, 3661

Building materials, *see* Hardware.

Building rural America, 14597, 17644

Building science series, 7909, 11088, 12330, 13855

Building trades, union wages and hours, 13609

Buildings:
 administrative facilities, Navy design manual, changes, 1569
 control of cracking in mass concrete structures, 1451
 decay associated with rain seepage, 16942
 Foreign Service programs, inspection in Tokyo, Japan, Hong Kong, Saigon, Thailand, and Wellington, New Zealand, report, 5637
 higher education facilities, financial assistance, regulations, amended, 11873
 historic American, survey, Wisconsin architecture, 13882
 insanitary, condemnation in D.C., amend act, law, 427
 long-term leasing by Government contractors, Defense Dept., GAO report, 16344
 prefabricated structures, Federal item identification guides for supply cataloging, supplements, 2935
 procedures for foundation design of buildings and other structures, Army technical manual, 130
 radiation measurements in conventional structures, 3846
 residential-type structures in close proximity to underground nuclear detonation, structural response, Project Dribble, Salmon event, 3850

- Buildings—Continued**
 seismic design, Army technical manual, 14223
 tall industrial and residential structures, structural response to underground nuclear detonation, Project Dribble, Salmon event, 3851
 with fallout shelter, 12747
see also Office buildings.
- Bullet, Ernest, relief, 17441**
- Buisson, J. A., III, look-angle-prediction technique for artificial earth satellites, 12431**
- Bulbs (plants):**
 spring-flowering bulbs, selecting, etc., 12604
- Bulgaria:**
 Academy of Agricultural Science, decisions of general assembly, 17783
 Academy of Sciences—
 candidates for academicians and corresponding members, 12144
 proceedings, 16465
 agricultural economy in brief, 627
 associations and enterprises for geological research, 9178
 Central Council of Trade Unions, officers, members, etc., 14848
 construction industry, activities of computer center, 13335
 contracts and taxes under new system of planning and economic management, 16454
 demography, mirror of life, 4605
 education, 638
 Greece boundary, study, 2579
 Institute of Electronics in Academy of Sciences and Scientific Research Institute of Transport, achievements, 13526
 inventors and efficiency experts receive awards, 14951
 labor conditions, 13625
 mineral industry, minerals yearbook chapter, 1117
 National Assembly's permanent commission on industry and energy progress noted at session, 14952
 National Conference of Scientific Societies of Pharmacists, 10718
 People's Republic, structure of veterinary service, 9089
 planning system, changes, indicators, sequence and methods, 13572
 provincial press, summary, 3557
 scientific and technical research, financing system, 13529
 scientific and technological progress, 14954
 training program, improving for computer equipment, 16507
- Bulletins, *see* Farmers' bulletins—*also* names of departments, etc., issuing bulletins—*also* subjects.**
- Bullis, Harvey R., jr., exploratory fishing and gear research, 10524**
- Bulls, DHIA sire summary list, Ayrshire, Guernsey, etc., 11, 6713-14, 12581**
- Bumpers, meteoroid, single, influence of bumper and main wall material on effectiveness, 1269**
- Bunch, D. F.:**
 controlled environmental radioiodine tests, 15531
 dose to various body organs from inhalation or ingestion of soluble radionuclides, 15532
- Bundy, William P., address, Feb. 12, 1966, 8057**
- Bunker oil, *see* Fuel oils.**
- Buoyancy effect on critical heat flux of forced convective boiling in vertical flow, 16707**
- Buoyant Stokes litter assembly used for sea rescue operations, 4856**
- Buoys, instrumented telemetering deep sea buoys, 315**
- Burbank, Jeanne, plate materials of lead-acid cell, anodic oxidation of basic sulfates of lead, 12429**
- Burchfield, H. P., pesticide residues, 7993**
- Burchinal, Lee G.:**
 how to put two and a half tons of research into one handy little box, 8845
 rural youth in crisis, facts, myths, and social change, 1541
- Burdick, D. C., color cathode ray tube displays in combat information centers, 6552**
- Burdick, Lawrence T., performance, story of the handicapped, 3319**
- Burgess, John, mineral industry of Peru, 7701**
- Burgin, Vera E., decisions of Department of Interior, 13428**
- Burials:**
 veterans, allowances, amend law—
 law, 5585
 reports, 4083, 5765
- Burke, C. E., Engineering Psychology Branch bibliography, 1349**
- Burke, J. Henry, citrus industry of Greece, 8950**
- Burke, Idaho, rock deformation measurements in Star Mine, analysis, 9370**
- Burkhalter, Philip G., measurement of back-scattered electrons in electron probe microanalyzer, 1155**
- Burleson, W. E., mineral industry of New Mexico, 2336**
- Burley tobacco, *see* Tobacco.**
- Burlington, Vt., area survey, metropolitan area, 10870**
- Burma:**
 agricultural commodities, agreement, 15370
 background notes, 1481
 gazetteer, official standard names, 12010
 minerals industry, minerals yearbook chapter, 4763
 school and hospital construction program, agreement, 15370
 Thailand boundary, 8064
- Burner fuel oil, *see* Fuel oil.**
- Burners and welders (general), 7660**
- Burnett, Earle S., calibration of rotating piston deadweight gage by means of mercury column, 15025**
- Burning of land:**
 broadcast burn in 2d-growth clearcuttings in north central Sierra Nevada, 17686
 petroleum gel as slash ignition aid and fuel booster, 10584
 prescribed burning—
 Douglas-fir in south-central Idaho, 16337
 effect on habitat of Powhatan Game Management Area, 16329
 pringle manzanita chaparral shrub seedling regeneration after burning, 2072
 response of herbaceous vegetation to prescribed burning, 10586
 watershed rehabilitation, emergency re-vegetation in southern California, 10605
- Burns, C. D., CBR design curves for runways to be surfaced with steel landing mat, 10441**
- Burns, Rowland E., discontinuous state variables in calculus of variations, 11071**
- Burns, W. C., creep feeding beef calves in Florida, 3767**
- Burns and scalds:**
 burn injury, involvement of respiratory tract, USSR study, 6145
 eclipse burns in humans and laboratory threshold measurements in rabbits, 12634
- Burr, Mildred P., basic data on economy of Trinidad and Tobago, 4011**
- Burrroughs, Lester R., power transmission studies for shaft-driven heavy-lift helicopters, 137**

INDEX 1966

- Burson, Z. G. :
 attenuation of air-scattered radiation in basement, 3846
 radiation measurements in typical residential structures, 15527
- Burt, Eddie C., boll weevil control in field experimental with machine designed to destroy shed cotton squares, 14106
- Burt County, Nebr., bridge across Missouri River, refinancing, authorize, law, 429
- Burundi :
 background notes, 16846
 mineral industry, minerals yearbook chapter, 9362
- Bus mechanics, *see* Mechanics (persons).
- Buses, *see* Motorbuses.
- Bush, Joseph C. :
 industry wage survey—
 communications, 4729
 nonferrous foundries, 10873
 southern sawmills and planning mills, 17811
- Bush, W. E., handbook of analytical procedures, 8292
- Bushes, *see* Shrubs.
- Bushnell, Dennis M., interference beating on swept cylinder in region of intersection with wedge, 2411
- Business :
 acceptance of Business Speaks award on behalf of President Johnson (remarks), 1521
 administrative management course program, topics, 2553, 5136-37, 6598-99
 aids, overseas investment, 7529
 BDSA publications, list, 8311
 Bulgaria, new system of planning and economic management, contracts and taxes, 16454
 census, 1963—
 area statistics, announcement and order form, 14248
 EC series, 223, 1707
 major retail centers—
 area statistics, 184,1698
 summary report, 1698
 merchandise line sales, announcement and order form, 8323
 retail trade—
 area statistics, 185-192, 3875-76, 5438, 6883, 9946-49
 area statistics, advance reports, 2737
 subject reports, 193-196, 8325
 selected services—
 area statistics, 197-198, 3877-80, 6884, 15566
 area statistics, advance reports, 2737
 subject reports, 200-203, 1699, 6885
 summary statistics, advance reports, 2738
 special report, 6886
 wholesale trade—
 area statistics, 204-206, 3881-83
 area statistics, advance reports, 2737
 area statistics, bound volume, 15565
 subject reports, 207-208, 8326, 1700-1
 census publications, price list, 5101
 choosing form of organization, administrative management course program, 2553
 COBOL, programming language for computers, 5844
 college graduates' road to success (address), 6995
 community and balance of payments, voluntary cooperation (address), 1780
 conditions, national summary, 3241
 county business patterns—
 bound volumes—
 Alabama-Illinois, 9960
 announcement and order form, 14268
 Indiana-Missouri, 8350
 Montana-Oregon, 9961
 Pennsylvania-Wyoming, 14267
 U.S. summary, 8349
 county business patterns—continued
 CBP series, 225-244, 1711-30, 3911-18, 5459-71, 8349-50, 14264-268, 15577-580, 16999-17005
 United States summary, 5459
 credit and assistance, code of Federal regulations, 7410
 cycle developments, report, 2718
 defense, more for sheltered workshops, highlights of panel discussion, 2288
 directions for conversion of enterprises to new system of planning and economic incentive, USSR study, 6144
 economic prospects for 1966 (address), 333
 economic prosperity brings problems (address), 15641
 economist and government (remarks), 15642
 EDA loans, how to apply, 1965, 4263
 enterprise statistics, 1963, preliminary reports, 11475
 equal employment opportunity is good business, 4347
 establishing in—
 Austria, 12771
 Brazil, 7009
 Colombia, 11514
 Federal Republic of Germany and West Berlin, 12774
 Greece, 8433
 Liberia, 12779
 Pakistan, 343, 15651
 Philippines, 4013
 Singapore, 10029
 executives, industrial civil defense management special instructions, 17026
 executives march ahead, Ghana request shows progress by U.S. volunteer international corps, 14781
 exports mean more sales (address), 6994
 Government relations, partnership for progress (remarks), 7012
 Government relationships with business has and will stimulate national growth (remarks), 334
 home businesses, bibliography, 12501
 indexes, monthly, 2719
 information dissemination by Government (remarks), 1777
 international, publications, checklist, 4577, 14782
 mail, accelerated collection and delivery program, Baltimore, Boston, and Washington, D.C., post offices, GAO review, 10625
 management—
 chief business officers, colleges and universities, job characteristics, etc., 17619
 college and university guide, 1977
 selected colleges and universities, 8837
 NATO, how U.S. companies can participate, etc., 1691
 Navy prime contractors, selling to, directory, 1387
 outlook for 1966 (speech), 360
 overseas business reports, 339-347, 1772-74, 3304, 4004-15, 5550-52, 7006-11, 8430-33, 10023-30, 11513-521, 12771-786, 14323-327, 15645-651, 17055-58
 publications, price list, 5099
 responsibility to consumers (address), 10015
 role in dealing with conditions of our times (address), 8416
 role in efficient maintenance of our free-enterprise economy (address), 11174
 safeguarding your business and management succession, administrative management course program, 5137
 scientific and technological advances, State-Federal coordination (remarks), 14328
 service checklist, guide to Commerce Dept. publications, weekly, 2720

Business—Continued
single units and multiunits, retail trade, census of business, 1963, 194
small business—
act, amend—
hearings, 4211, 8662-63, 8681, 10267
laws, 435, 10060
reports, 5785-86, 7102, 8570, 8615
administrative management course for owners, 14011
bibliographies, 1457-59, 2556-59, 6601, 9643-44, 11220-222, 12501-504, 15324, 16819-822, 18092-93
corn marketing by Commodity Credit Corporation, impact, hearings, 15992
corporations, amend internal revenue code—
law, 8465
reports, 5649, 7176
displaced, economic injury disaster loans, management and technical aid, 11218
distribution problems, hearings, 14495
export marketing, manual, 15323
financial assistance programs, summary, SBA, 16823
government activities affecting, report of Attorney General on administrative debarments of contractors, 1928
IMP, intra-industry management program helps business help itself, 8018
investment act amendments of 1966—
hearings, 14477, 15963
report, 15937
investment companies, investigation, hearings, 16187
investment company program, review, hearings, 16179
investment company, starting, 12505
location and layout, administrative management course program topic, 6598
management series, 6602
management, sources of assistance and information, 6599
managerial skills and experiences available from SCORE, 6606
nursing part time in industry, guide for voluntary and official agencies, etc., 1427
participation in government procurement programs, hearings, 11834
problems in urban areas, hearings, 531, 1869, 4147, 15993
problems, investigation, authorization, report, 4203
procurement, conferences of Senate Small Business Committee staff members with business representatives, 7238
products list circular, new products development, 3421
programs in Government agencies, 1966
Federal handbook, 10372
regional procurement—
New England, hearings, 7237
New Mexico, hearings, 7237
New York State, hearings, 14506
regulatory and enforcement agencies, activities relating to, hearings, 15990-991, 17395
relocation assistance, report, 18155
role in air transportation industry, hearings, 14442
starting and managing series, 9645
subcontracting and set-aside programs, hearings, 7165
tax guide, 2124
announcement and order form, 17997
waging war on poverty through economic opportunity loans for small business, small business development centers, 18094
Small Business Administration management publications, classification, 9642

Business—Continued
special current business reports (series), 8368
statistics—
biennial edition, 181
Federal reserve chart book, 2960
historical supplement, 16279
weekly, 2721
survey of current business (periodical), 3567
weekly supplement, 2721
use, basic library reference sources, bibliography, 18092
see also Retail trade.
Business administration, see Business.
Business and Defense Services Administration:
aids to modernization, guide to government services, 1690
Executive Reserve Program, general information, 16989
official texts, 2702
press releases, 3345
publications, list, 8311
Business and public administration notes, 2717
Business consolidations:
approaches and problems in merging co-operatives, 13304
bank mergers, applicability of anti-trust laws—
hearings, 1851, 4126
law, 7029
reports, 496, 5635, 5655
cement industry, mergers & vertical integration, 11957
Business cycles, cycles and cyclical imbalances in changing world, 2025
Business Economics Office, press releases, 3346
Business education, business and public administration notes, 2717
Business machine mechanics, see Office machine servicemen.
Business machines, see Office furniture and equipment.
Business men:
American, to share fruits of our business and industrial ingenuity with other people everywhere (address), 6994
businessman's role and balance of payments (remarks), 9744
businessmen of defense, career opportunities in Defense Supply Agency, 17605
how to do business with—
Defense Supply Agency, 16212
SCORE, 6600
speak out for modernization, 8312
State Dept. guide to key officers of Foreign Service posts, 3104
Business names, registration of trade names, etc., require in D.C., report, 8732
Businessmen, see Business men.
Busse, Jon R.:
Aerobee 150 structural and aerodynamic pitch coupling, 17910
Aerobee sounding rocket launchings, 4983
Butadiene, plastic drain, waste, and vent pipe and fittings, standard of trade, 1290
Butcher, Bruce A., calcium determination in serum, etc., in weightless state, 6810
Butler, C. O., long travel shock mounts, 5378
Butler, E., floods of Great Basin, 7489
Butler, G. G., milk production, disposition, and income, 9742
Butte County, Calif., forest fire prevention knowledge and attitudes of residents, 8976
Butterflies, pine, defoliation effect on ponderosa pine in southern Idaho, 16325
Buttermore, Paul M.:
petroleum refineries in United States and Puerto Rico, 12237
water use in petroleum and natural gas industries, 6289

INDEX 1966

Buttons, tariff treatment, reports, 16130, 17332
 Butyl methacrylate, photolysis of poly(n-butyl methacrylate) in vacuum, 6550
 Butylpyrroles, *see* Pyrroles.
 Butylthiophenes, mass spectra and correlations, 7710
 Buying, *see* Purchasing.
 Buzbee, William A., relief, 8526
 Byers, Harry E., relief, 15813
 Bypass rod transfers heat developed in thermionic diode, 13739
 Byproducts, *see* Waste products.
 Byrgius, LAC 92, lunar chart, S195
 Byrnes, Myrtis L., fur facts and figures, survey of industry, S318

C

C.A.B., *see* Civil Aeronautics Board.
 C. & M.S., *see* Consumer and Marketing Service.
 C.C.C., *see* Commodity Credit Corporation.
 C. F. Braun & Company, *see* Braun, C. F., & Company.
 C.F.S. series, 738-745, 2034-35, 2672, 2724, 2976-77, 2980, 3008, 3022, 3029, 3171, 3174, 3185-86, 3194, 3205, 3260, 3267, 3276, 3480, 3516, 3522, 3575, 3683, 4399-4401, 5961-62, 7430-32, 8934-38, 10518-522, 13334-341, 16294-296, 17672-673
 C.R.R.E.L., *see* Cold Regions Research and Engineering Laboratory.
 CAB, *see* Civil Aeronautics Board.
 Cabbage caterpillars, chemical compounds for control, field evaluation, 14100
 Cabeza Prieta Game Range, birds, 7437
 Cable, Louella E., plankton, 14633
 Cable loops, protection, compact retractor, 4855
 Cables:
 Federal item identification guides for supply cataloging, supplements, 2934
 length determinations for deep-sea oceanographic operations, 14314
 static and dynamic loads, strain gage mechanism for measuring, 9458
 thermistor, used in geothermal investigations, preparation, 9009
 see also Connectors (electric)—Electric cables—Submarine cables—Telephone cables.
 Cacao, foreign agriculture circulars, 2987
 Cactus Drilling Corp., oil and gas lease, reinstate, 17089
 Cadam, bagged and barerooted, survival and growth, 16326
 Cadets, *see* Air Force Academy, Colo.—Coast Guard—Coast Guard Academy, New London.
 Cadmium:
 mineral industry survey, quarterly, 2722
 minerals yearbook chapter, 13674
 Cadmium sulfide:
 films, high photovoltages in, 9534
 solar cells, effect of moisture on, 17924
 solar cells, thermal cycling, 16657
 Cages, portable field, for mass culturing aphid parasites, 9774
 Cagle, Caroline H.:
 changes in time and savings deposits, Dec. 1965-May 1966, 17660
 time and savings deposits, 10514
 Les cahiers d'outre-mer, revue de géographie (periodical):
 articles, translations, 9107
 Cahill, J. A., containment of liquid zirconium and niobium carbides on graphite between 3500° and 4700° K, 16614
 Calcium:
 and calcium compounds, minerals yearbook chapter, 13675

Calcium—Continued
 biologic analysis, improved flame spectrophotometer, 5336
 determination in serum, parotid fluid and urine in weightless state, 6810
 Calcium aluminoferrites, hydrates, properties, 11088
 Calcium fluoride, eutectic for self-lubricating composites of porous nickel, etc., 12357
 Calcium sulfate:
 precipitation, investigations, 10673
 solubility in sea water concentrates at temperatures from ambient to 65 C., 10676
 Calculating machines:
 computing machines, census of manufacturers, industry report, 5450
 current industrial reports, 5483
 electronic calculator EV 80-3m, USSR study, 12178
 simple circuit performs binary addition and subtraction, 1230
 see also Electronic computers.
 Calculations, *see* Numerical calculations.
 Calculators:
 disk, indicates legible lettering size for slide projection, 1215
 veterans benefits, print additional copies, reports, 10196, 17468
 see also Denalt performance computers.
 Calculus:
 propositional, machine search algorithm for derivation, USSR study, 14856
 variations, discontinuous state variables, 11071
 Calculus of variations, *see* Functional analysis.
 Caldor, Selina:
 market indicators for—
 Africa, 15645
 Europe, 4010
 Calendar of events in Library of Congress (periodical), 7273
 Calendars, Air Force libraries, buying calendar for annual publications, 3778
 Calendars (of business), *see* Court of Claims—House of Representatives.
 Caletena, Felicidad, relief, 1889
 Calf, *see* Calves.
 Calfee, Robert F., carbon dioxide spectral line positions and intensities calculated for 2.05 and 2.7 micron regions, 9555
 Calibrated clamp facilities pressure application, 6385
 Calibration:
 accuracy in electrical and radio measurements and calibrations, 1293
 cardiotachometers and biologic data recordings, economical time standard, 8210
 conical pressure probes, 1257
 freon provides heat transfer for solid Co, calibration standard, 12299
 gravity model for any size urban area, 5128
 instruments, for determination of carbon below 50 parts per million in metals, calibrate by use of carbon dioxide, 7868
 Langley hotshot tunnel for Mach numbers from 12 to 26, 6446
 mass measurement philosophy of pilot program, 11097
 optical, analysis of U.S. naval space surveillance system, 16761
 pressure switches, flexible arms provide constant force, 13752
 rotating piston deadweight gage by means of mercury column, 15025
 volume-ratio, system for vacuum gages, 1266
 volumetric system calibrates meters for large flow rates, 1204
 Calibrators, earth's field static, for accelerometers, 5011

- California:
 air transport of strawberries, factors affecting market quality, 1965 summ. shipments, 12609
 Arizona boundary compact, consent of Congress—
 law, 15714
 report, 13125
 asphalt-consuming industries, use of mineral fillers, granules, and roofing rock, 13683
 census of business, 1963—
 retail trade, area statistics, 9946
 wholesale trade, area statistics, errata, 3883
 census of manufactures, 1963, area statistics, 16993
 central, late Pleistocene marine paleoecology and zoogeography, 16361
 climate, 13299
 climatological data, 2751
 coast pilot supplement, 5534
 Coast Ranges, San Rafael primitive area, mineral resources, 10635
 conifer regeneration in relation to environment, 8975
 cotton basket-storage systems, 1964, cost, 50
 county business patterns, 1714
 errata, 5460
 desalting plant, construction, report, 16145
 earthquake history, 6982
 eastern, frost injury to bitterbrush, 4449
 electric rate book, 10480
 Elsinore-Murrieta-Anza Soil Conservation District, horses on irrigated pasture (colored poster), 9664
 five-spined ips, 14696
 floods of Jan.-Feb. 1963, 10651
 Indians, general information, 16368
 Indians judgment funds, disposition, hearings, 14427
 landings, fish and shellfish, 2724
 life tables, 18012
 manufacturing plants, location by county, industry and employment size, 1963 census, 16997
 marine amphipoda of family Amphithoidae, 5042
 mineral industry, minerals yearbook chapter, 2322
 natural resources, 7509
 northeastern, dwarfmistletoe removal and reinvasion in Jeffrey and ponderosa pine, 2067
 northern, sagebrush defoliator outbreak, 2069
 northwestern, blacktail deer and Roosevelt elk, bibliography, 10616
 postal map, northern section, 13927
 postal map, southern section, 13928
 precipitation data, hourly, 3045
 property conveyed to, remove restriction law, 11587
 rice stocks and movement report, 2725
 Salton Sea area, hydrologic regimen, 16360
 southern—
 atmospheric transport and dispersion, 5229
 emergency revegetation to rehabilitate burned watersheds, 10605
 motorists' knowledge of "no smoking" ordinance, 2066
 signing for "no smoking" ordinance, 2065
 survey of boundary between Arizona and California, 3994
 timber—
 harvest, 10612
 top utilization, 10575
 types, aerial photo stand-volume tables, 10580
 women—
 equal pay, 1965 laws, 5236
 labor laws, summary, 5244
 Calking, building construction materials and practices, Army technical manual, 3832
 Call, David L., private label products in food retailing, 15218
 Callaghan, J. G., simulation of sonic boom by ballistic models, 17876
 Callahan, J. T., water in Georgia, 827
 Callan, C. Richard, accident prevention, bibliography, 11377
 Callas, George P., manual abort guidance from midcourse region of lunar mission, 11051
 Callipteridae, *see* Tinsleya.
 Callis, Linwood B.:
 analysis of supersonic flow phenomena in conical nozzles by method of characteristics, 15164
 effect of expansion-tube performance of area changes at primary and secondary diaphragm stations, 6459
 equilibrium normal shock and stagnation point solutions for arbitrary gas mixtures, 4957
 Calmettes [Professor], study of depth of anterior chamber, physiological variations with particular emphasis on amentrophia, 5328
 Calloway, Anthony A., relief, 10110, 14344, 16040
 Calorigenic response of warm- and cold-adapted rabbits to intravenous infusion of epinephrine, etc., 9858
 Calorimeters:
 accurately measures thermal radiation energy, 6384
 diphenyl ether, use in determining heat of fusion of iron, 6315
 Calumet River:
 pollution of interstate waters, conference—
 proceedings, 7493
 technical session, 11961-962
 Calves:
 beef, creep feeding, in Florida, effects on weight and market grade, 3767
 calf crop, 6656, 14034
 Camber (aircraft):
 wing having inboard sections for Mach 1.2, investigation at Mach numbers 0.40 to 1.00, 11054
 Cambodian language, Foreign Service Institute basic course, 14029
 Cambrian period, *see* Trilobites.
 Cambridge, Mass., explosion and fire, Experimental Hall, electron accelerator accident, July 5, 1965, investigation, report, 6865
 Camden County, N.J., soil survey report, 11233
 Cameras:
 beam splitter used in dual filming technique, 6398
 new television camera eliminates vidicon tube, 10986
 satellite cameras, development, etc., East Germany, 1033
 television, use of junction connectors for strategic placement, 15121
 TV, circular, explosion-proof lamp provides uniform illumination, 9468
 Cameron, A.G.W., early history of sun, 14017
 Cameroon:
 background notes, 8039
 mineral industry, minerals yearbook chapter, 9362
 Camouflage, techniques, Soviet survey, 13495
 Camp, P. R., conductivity changes produced in ice by optical irradiation, 15505
 Camp, Thomas H., cost and practices of selected cooperatives in operating bulk-feed trucks, 4351
 Campaign expenditures:
 Presidential election fund act, report, 17521
 report, revise laws, report, 16093

INDEX 1966

Campaign Expenditures, 1966, Special Committee to Investigate, House, appoint, report, 12994
 Campaigns (political), *see* Elections.
 Campbell, Arthur A.:
 natality statistics, analysis, United States, 9634
 white-nonwhite differences in family planning in U.S., 9029
 Campbell, F. B., hydraulic design of rock riprap, 10439
 Campbell, J. Perry, megawatt direct-current arc heating of nitrogen, 9536
 Campbell, James F., flow field survey, etc., in wake of X-15, 6450
 Campbell, John D., costs of using cotton basket-storage systems, California and Texas, 50
 Campbell, Lloyd N., relief, 12902
 Campbell, M. E., solid lubricants, 16621
 Campbell, Robert W., gypsy moth egg-mass density and subsequent defoliation, 8959
 Campgrounds, *see* Camps.
 Camping:
 facilities in areas administered by National Park Service, 12398
 facilities of national forests and grasslands, 8153
 outdoors calling you? Government publications, list, 12456
 Camps:
 campgrounds success, studied as guide to recreation planners, 10568
 logging, census of manufactures, 1963, industry report, 6897
 private campground users, 8968
 summer, year round use in training dropouts, 16236
 see also names of camps.
 'Can-venient' ways with shrimp, 13345
 Canada:
 air transport services, agreement, 12528
 automotive products, tariff elimination, agreement, report, 490
 background notes, 18107
 chronic health care, comparison with American, etc., methodology, 11684
 Columbia River basin treaty, Permanent Engineering Board, administration and procedures, agreement, 2584
 continental air defense, establishment of back-up interceptor control system (BUIC), agreement, 9725
 eastern, aerial surveys of waterfowl, 10539
 economic relations with United States (remarks), 12790
 egg production tests, 1965 report, 3731
 Great Lakes fisheries convention, amending, 15999
 labor offices, directory, 7651
 light list and other marine aids, Great Lakes, 8405
 loan of vessels, extension, agreement, 15354
 manpower policy seminars—
 reports, 4230
 study papers, 4230
 market profiles, 12782
 meat and livestock industry, 10551
 mineral industry, minerals yearbook chapter, 7689
 northern, ground-to-air communications facilities, agreement, 9727
 renegotiation of schedule 20 of GATT, agreement, 6644, 7067
 sewage disposal system, agreement, 15372
 social science research studies, current list, 11248
 soils, aggregate stability, measurement procedure, correlations with soil constituents, 11369
 steel jacks, determination of likelihood of injury, 15386
 trade cooperation with United States (address), 335

Canada—Continued
 winter maintenance of Haines Road, agreement, 5173
 Canada-United States Interparliamentary Group, 9th meeting, House delegation report, 17326
 Canadian border to Eureka, Calif., coastal warning facilities chart, 11314
 Canal Zone:
 lexicon of geologic names, 9008
 map, United States, inset, 13651
 announcement and order form 17999
 mineral industry, minerals yearbook chapter, 17845
 Canal Zone Government, annual report, 6882
 Canals:
 sea level canal site, joint explorations and surveys, agreement, 12534
 sea-level, construction across American Isthmus by nuclear methods, 152-157
 Cancer:
 biology of malignant growth, USSR study, 4655
 breast, 11185
 carcinogenesis abstracts (periodical), 2729
 cells, stomach, cytological examinations, signs of atypicality, USSR study, 9148
 chemotherapy reports (periodical), 2726
 colon and rectum, 7995
 community health planning grants, 14757
 epidemiological study, 7931
 monographs, reviews, symposia, and survey articles with emphasis on human neoplasm guide and bibliography, 13960
 mouth, 13968
 oral, control, 18065
 oral, head and neck, guidelines on professional education projects, 5105
 Public Health Service programs, 4531
 pulmonary, analysis of bronchoscopic symptoms with digital electronic computer, USSR study, 12132
 research, International Symposium on Genes and Chromosomes, Structure and Functions, 5030
 science and cancer, teaching guide, 7932
 story, brief look at science and cancer, 6481
 uterine, questions and answers, 2536, 12482
 Cancer Institute, *see* National Cancer Institute.
 Cancer, International Agency for Research on, *see* International Agency for Research on Cancer.
 Candy, *see* Confectionery.
 Cane sugar, *see* Sugar.
 Canker (disease of plants):
 Scleroderris canker on national forests in upper Michigan and northern Wisconsin, 13370
 strumella canker of oaks, description, control, etc., 16322
 Cannaday Francis X., piezoelectric pulsing equipment for sonic velocity measurements in rock samples, etc., 13694
 Canned foods:
 census of manufactures, 1963, industry statistics, 6889
 report (periodical), 2727
 see also names or classes of foods canned.
 Cannelton Locks and Dam:
 Ohio River, filling and emptying system, main lock, etc., hydraulic model investigation, 7336
 spillway, hydraulic model investigation, 5889
 Canneries:
 firms canning, list—
 food for animals, from marine-animal products, 778
 sardines, Maine, 777
 Canning and preserving, home canning of meat and poultry, 6748
 Cannon, Thomas F., nursery business, 12502
 Cannon, field artillery, gunnery, Army field manual, 6834

- Cans:
metal—
census of manufactures, 1963, industry report, 5447
commodity transportation survey, shipper series, 218
current industrial reports, 2817
Cantilever beams, *see* Beams.
Canton, Ohio:
area wage survey, metropolitan area, 13596
commodity transportation survey, production area series, 8344
Cantrell, George K.:
factors in job-satisfaction, 14191
analysis of spontaneous comments, 14192
Cantwell, John A., basic data on economy of Austria, 11515
Canyon de Chelly National Monument, excavations at Tse-Ta'a, 13875
Cap, Ferdinand, solution of ordinary differential equations by means of Lie series, 16592
Capacitance, shunt, effects on transient effects caused by electron irradiation of polyethylene terephthalate insulated ribbon wire, 7849
Capacitors:
aluminum electrolytic fixed, storage shelf life and reforming procedures, 7266
capacitive system detects and locates fluid leaks, 6409
large capacitor performs as distributed parameter pulse line, 13731
parallel plate capacitor containing toroid-shaped sample, calculation of admittance, 13867
three-dimensional wire-mesh capacitor system measures fluid density, 4874
Cape, *see* name of cape except when occurring as first word of town, etc.
Cape Canaveral, biological-statistical census of species entering fisheries in area, 779
Cape Cod National Seashore:
dedication (remarks), 10668
general information, 6502
Cape Cod to Sandy Hook, coast pilot, supplement, 5531
Cape Fear River, lock and dam No. 3, designate as William O. Huske Lock and Dam, report, 1922
Cape Hatteras, N.C., to Brunswick, Ga., coastal warning facilities chart, 12559
Cape Henry to Key West, coast pilot, supplement, 5533
Cape Lookout National Seashore:
establish—
law, 7030
reports, 4112, 5660
Cape Mountain, tin-lode investigations of area, Seward Peninsula, Alaska, 6323
Cape Spencer to Beaufort Sea, coast pilot, supplement, 6986
Capella, AIC 79A, lunar chart, 14182
Capellen, J., bibliography of mass spectroscopy, compiled by computer method, 15533
Capillaries:
development during exposure to chronic hypoxia, 9865
dynamics, and existence of plasma flow in pericapillary lymph space, 15146
laminar dispersion, and counterflow transport, 851
wave damping at air/water interface, 6549
Capital:
Alaska RR., major expenditures, budget presentation, GAO report, 10618
balance of payments programs and private capital (remarks), 8103
European capital markets, etc., investigation, authorization, report, 17297
per-unit capital retains, tax treatment by cooperatives and patrons, 4352
Capital—Continued
stock requirements of companies doing business in D.C., amend act—
law, 8475
report, 8733
see also Investments.
Capital of United States:
airports, Federal aviation regulations, 5922, 8887
Gallaudet College, model secondary school for deaf to serve region, establishment, etc.—
hearings, 15966, 16194
reports, 17273, 17526
National Park Service, 1966 activities, 7941
outdoor recreation in region, 1303
places of historic information, factual information, 17404
regional development guide, 1966-2000, National Capital area, 15213
transportation facilities, planning for region, authorize D.C. participation, hearings, 1936
Washington Channel bridge, construction maintenance, and operation, with visitor facilities, hearing, 17598
welcome to Washington, 15224
your Washington, pocket guide, 11132
see also District of Columbia.
Capital stock tax, State taxation of interstate commerce, report, print additional copies, reports, 10187, 14461
Capitalism:
changes in structure of capitalist ownership, USSR study, 6168
two world systems and their development tendencies, USSR study, 2248
Capitol:
architecture and planning, hearings, 17371
colored poster, 14058
with German text, 14059
with Portuguese text, 14060
with Spanish text, 14061
factual information, 17404
grounds, long-range land use plan, formulate, etc., report, 16148
our Capitol, print as Senate document, reports, 13003, 16075
police, employ additional personnel, report, 12926
west front, extension, etc., provide for visitors' center, hearing, 13056
works of art and other objects, compilation, 5597
Capitol, Commission on Architecture and Planning, establish, hearings, 17371
Capitol Reef National Monument, general information, 1328
Cappadona, Sarah A., relief, 7076, 11542, 11727
Capper-Volstead act, *see* Agricultural products.
Capps, Hahn W., review of genus *Haimbachia* Dyar with descriptions of new species (Lepidoptera, Crambidae), 2468
Capture cross sections, *see* Neutron capture cross sections.
Carbamic acid, esters, insecticidal, USSR study, 971
Carbides:
chemical reactions and bonding in these compounds, 13836
graphite-metal carbide composites, 12267
see also Hafnium carbide—Niobium carbide—Tantalum carbide—Zirconium carbide.
Carbohydrates:
carbon-14 and tritium labeled, progress report of Organic Chemistry Section, July 1965-June 1966, 17944
radioactive progress report of Organic Chemistry Section, July 1964-June 1965, 1299

- Carbon:**
carbon-14 measurements in atmosphere, 5392
carbon reduction of chromite, 9377
compounds, chemistry, classification bulletin, 9604
content of tantalum carbide, Hall coefficient as function, 2421
deposition for thermal recovery of petroleum, statistical approach to research, 7715
determination of below 50 parts per million in metals, calibrate instruments by use of carbon dioxide, 7868
electrodes, electrochemical demineralization of water, 10674
electrodes, improved, reduces arc sputtering, 4863
evaporation of Ta-Hf-C system, computational methods for calculation of rates, 9429
liquid uranium, metal, and carbon systems, vaporization, 15076
submicron powder, charging for colloidal particle thrusters, 16703
- Carbon black:**
mineral industry survey—
annual, 10909
monthly, 2728
minerals yearbook chapter, 13676
- Carbon dioxide:**
desorption from sea water, 12048
freon provides heat transfer for solid CO₂ calibration standard, 12299
interaction with hydrogen chemisorbed on platinum electrode, 16764
laminar boundary layers, application of Eckert reference formulation, 7740
mixtures with nitrogen for conditions typical of Mars entry, estimate of chemical kinetics, 6451
nitrogen and hydrogen mixture properties, 6337
spectral line positions and intensities calculated for 2.05 and 2.7 micron regions, 9555
tests strips detect different concentrations in closed compartments, 4883
use to calibrate instruments for determination of carbon below 50 parts per million in metals, 7868
use of silver oxide as regenerative carbon dioxide sorber, 10962
vapor pressure at ice point, 10928
- Carbon films:**
TFE-fluorocarbon (polytetrafluoroethylene) resin sintered thin coatings for dry film lubrication, standard of trade, 13857
thin, serve as UV bandpass filter, 6386
- Carbon isotopes, International Conference on Radiocarbon and Tritium Dating, proceedings, 11422**
- Carbon monoxide:**
band spectrum, 13859
mechanism for reduction of iron oxides, adsorption phenomena, 16577
oxygen reaction, ignition kinetics, 16706
poisoning, USSR clinical study, 7628
- Carbon steel, see Steel.**
- Carbon tetrachloride, mechanism of toxic effect of carbon tetrachloride and its homologs, USSR review, 7636**
- Carbonates, see Barium carbonates—Lead carbonates—Strontium carbonates.**
- Carbonization:**
coal fluidized, light oils, analysis, 6312
continuous method, influence on pyrolysis products from subbituminous coal, 16583
- Carcinogenesis, see Cancer.**
- Card, Michael F.:**
buckling of eccentrically stiffened cylinders, 16694
experiments to determine elastic moduli for filament-wound cylinders, 1273
experiments to determine strength of filament-wound cylinders loaded in axial compression, 13829
- Carden, Huey D., longitudinal vibration of simplified Thor vehicle structure, 17916**
- Carder, Dean S., earthquake investigations, western United States, 3993**
- Cardiac activity, see Heart.**
- Cardiac contractility, see Heart.**
- Cardiac diseases, see Heart diseases.**
- Cardiac output, see Blood.**
- Cardiography, phase analysis of cardiac activity, USSR study, 14953**
see also Vectorcardiography.
- Cardiology:**
aortic blood velocity computed from pressure pulse, 15495
electromechanical, synthetic, Soviet book excerpts, 10823
training program, heart disease in children, workshop proceedings, 6582
- Cardiotachometers and biologic data recordings calibrating, economical time standard, 8210**
- Cardiovascular system:**
cardiovascular responses to exercise following myocardial infarction, problems in aeromedical certification, 16982
climate and cardiovascular pathology, USSR study, 4622
comparative, veterinary, and primate cardiovascular research, 5026
effects of 1,1-dimethylhydrazine in anesthetized dog, 96
lower body, negative pressure, effects, 12629
manned space flight, influence on cardiovascular function, 14196
monitoring, NASA contributions, 15084
physical exercise effects during 4 weeks of bed rest on circulatory functions in man, 8204
physiology and pathology, USSR 1964 scientific research, 6119
reactivity, USSR study, 4590
responses of diving and nondiving mammals to apnea, 8214
- Cards, see Catalog cards—Training cards.**
- Career planning for Army officers, 1647**
- Careers, see Civil service—Government officials and employees—Occupations.**
- Cargo, see Shipping.**
- Cargo carriers, U.S. certificated, domestic, international and overseas routes, map, 3962**
- Cargo handling:**
automated delivery systems in Army aircraft, cost, etc., evaluation, 14233
rigging cargo gear, 14965
- Cargo services, see Air carriers.**
- Caribbean area:**
climatological data, 2751
Communist threat to U.S., hearings, 580, 587, 1948, 8784
health information for travel, 11184
islands, mineral industry, minerals yearbook chapter, 9363
pocket guide, 15503
weather records, 1951-60, 17638
- Caribbean forester (periodical), 2730**
- Caribon, projected values of cesium-137 body burdens in Anaktuvuk Pass Eskimos for summer 1965, based on findings in caribou muscle, 5115**
- Caridad Ares y Fernandez de Bosch, Myriam, see Bosch, Myriam.**
- Caries, see Teeth.**
- Carillons:**
duty-free entry for—
Northfield and Mount Hermon Schools, 17188
University of California, 17192
- Carlin, Ernest J., relief, 386**
- Carload waybill statistics, see Railroads.**
- Carloading, packing and carloading, instructor's guide, Army Dept. pamphlet, 6842**
- Carlsbad Caverns National Park, general information, 11123**

- Carlson, David R., supersonic/hypersonic aerodynamic investigation of Saturn IB/ Apollo upper stage, 4819
- Carlson, Elmer T., calcium aluminoferrite hydrates, 11088
- Carlson, Harry W., body shape effect on sonic-boom pressure distributions, 1270
- Carlson, R. L., buckling of complete spherical shells, 15057
- Carlson, Tony C., market for wood pallets in steel industry, 17702
- Carlson stress meter, improved, supplementary tests, 14576
- Carnations, production and sales, etc., 8089
- Carnegie, Andrew, papers in Library of Congress, register, 7680
- Carney, Charles B., Pinehurst-Southern Pines, N.C., 5899
- Carnivores, certified products for carnivora, regulations governing, 1954
- Carp:
- Aral Sea, pelecus cultratus (L.), ecologomorphological characteristics of early stages, USSR study, 13573
 - in Lewis and Clark Lake, Missouri River, 17676
- Carpenter, Anita A., captioned films for deaf, 635
- Carpenter, E. M.:
- balsam fir dimension lumber in selected Minnesota markets, 5995
 - forest-product imports and exports via Great Lakes-St. Lawrence Seaway through upper lakes ports, 14706
- Carpenter, John A., evaluation of 2 percent gold visor, 14195
- Carpenter, Lloyd:
- computation of general planetary perturbations, expansion of disturbing force, 6412
 - planetary perturbations in Chebyshev series, 4922
- Carpenter, Stanley B., survival and 5-year growth in unit 4, Waiakea Arboretum, Hawaii, 10576
- Carpenters:
- employment outlook, 9218
 - supervisor, examination announcement, 9993
- Carpet beetles, *see* Beetles.
- Carpets, Wilton, Brussels, etc., Tariff Commission report, 15388
- Carpio, Arturo V. Farjardo, *see* Farjardo-Carpio, Arturo V.
- Carsuckers, river, in Lewis and Clark Lake, Missouri River, 17676
- Carr, Frank A.:
- flight report, interplanetary monitoring platform—
 - IMP-I-Explorer XVIII, 7870
 - IMP-II (Explorer XXI), 11048
- Carreras, Bienvenido Benach, *see* Benach Carreras, Bienvenido.
- Carriers:
- common carrier services, applications, FCC, 2916
 - common, property, tax assessments, hearings, 7153
 - interstate, water supplies, by States and Public Health Service regions, inventory, 15285
 - schedule of annual indices by railroad, 10698
 - revised pages, 17748
 - see also* Air carriers—Communications—Motor carriers—Pipe lines—Telegraph—Telephone—Water carriers.
- Carrigan, Anne L., geophysics and space data bulletin, 3021
- Carriker, M. A., jr., revision of genus *Furnaricola*, 6498
- Carroll, Douglas F., foreign trade regulations of Ethiopia, 8432
- Carrots:
- dehydrated, explosion-puffed dice of high density, 12
 - market diseases, 16920
- Cars, *see* Freight cars—Passenger cars—Railroad cars.
- Carson, Concetta C., relief, 17174
- Carson, W. N., use of auxiliary electrodes in silver cells, 6348
- Carter, Albert, relief, 17431
- Carter, Florence, labor law and practice in Tunisia, 4714
- Carter, Horace S., Warm Springs, Ga., 5898
- Carter, J. R., effects of low energy protons and high energy electrons on silicon, 6347
- Carter, Mary E., arthritis and rheumatic diseases abstracts, 2693
- Carter, Melvin W., off-site surveillance, 6868
- Carter, Phyllis G., 1960 censuses of population and housing, 11460
- Carter, William D., geology and uranium-vanadium deposits of La Sal quadrangle, San Juan County, Utah, and Montrose County, Colo., 7486
- Carter County, Okla., thermal recovery and 2 waterflood projects, 16560
- Cartesian coordinates, *see* Coordinates.
- Cartographers:
- examination announcement, 14298
 - trainee, examination announcement, 298
- Cartography, *see* Maps and charts.
- Cartons, automatic pickup in packaging and labeling, 6710
- Caruso, Anthony J., absolute photon yields of light elements by deuteron bombardment, 16699
- Carver, John A., remarks, May 9, 1966, 10670
- Casaday, W. M., reaction wheel with brushless DC motor drive, 7724
- Casady, R. B., commercial rabbit raising, 12594
- Cascio, Guiseppe Rubino, *see* Rubino, Guiseppe.
- Case, J. E., gravity survey and regional geology of Prince William Sound epicentral region, Alaska, 13412
- Case Institute of Technology:
- rheogoniometer, duty-free treatment, reports, 16130, 17332
 - Weissenberg rheogoniometer, duty-free entry, 17185
- Case Load Management Committee, Institute on, Rehabilitation Services, report, 2622
- Caseload statistics of State vocational rehabilitation agencies in fiscal year 1965 and trends since fiscal year 1961, 1528
- Cases, *see* Brief cases.
- Caseworkers, *see* Social workers.
- Cashiers:
- employment outlook, 9220
 - Government, regulation relating to cash held at personal risk, including imprest funds, department circular, 11299
- Casner, Lewis E., computer use to improve command post exercises, 6536
- Caspian depression:
- southeastern margin, structure, USSR study, 14806
 - Triassic section in Aral-Sor superdeep well, USSR study, 4600
- Cass, Millard, address, Nov. 19, 1965, 1076
- Cassatt, Mary, 5-cent commemorative postage stamp (poster), 16782
- Cassell, Frank H., address, July 7, 1966, 13289
- Cassin, S., capillary development during exposure to chronic hypoxia, 9865
- Cast iron:
- current industrial reports, 2817
 - high-manganese pig iron, recovery of manganese from slag formed by selective oxidation, 6319
 - prerrefining pig iron with vortex cone, desilicizing techniques, improvements, 1160
 - see also* names of manufactured articles.
- Castaic, Calif., watershed, sediment yield, quantitative geomorphic approach, 2103
- Casting molds, *see* Molds (forms).

INDEX 1966

- Castings:**
 iron, current industrial reports, 2817
 nonferrous, current industrial reports, 2817, 5482
 nonmalleable iron, amend tariff schedules, report, 17337
 selected techniques, 9449
 steel, current industrial reports, 2817
Castnets constructed of machine-made netting, 2039
Castro, Juanita, testimony, hearing, 5710
Castro, Renato C., relief, 15825
Caswell, Randall S., single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
Catadioptries, telescope with mirror-lens correction, USSR study, 9080
Catalano, John F., detection in homogeneous visual field under condition of infinite depth of focus, 2490
Catalase, microorganisms detected by enzyme-catalyzed reaction, 7774
Catalog cards:
 Library of Congress—
 books, authors, 3242
 books, subjects, 3146
 motion pictures and filmstrips, 3147
 music and phonorecords, 12229, 16545
Cataloging:
 Atomic Energy Commission—
 descriptive cataloging guide, 5405, 16976
 report number series used by Technical Information Division, 11433
 cataloging handbook, II series, 601-602, 1960, 2966-68, 4242-43, 5843, 10383, 14514
 cataloging manual M (series), 603-605, 4244
 cooperation, etc., among information systems, literature review, 11091
 notes for medical catalogers (periodical), 3277
 service, bulletin, 2731
 supply cataloging, Federal manual, operating procedures, 604
Catalogs:
 All-Union Group Isotope, 1965, instruments using nuclear sources, etc., 11415
 Armed Forces Institute, 3807
 aviation medicine reports, 15553
 captioned films for the deaf, catalog, 635
 Census Bureau, 2713
 census publications, monthly supplement, 2714
 civil defense motion pictures, 17029
 Civil Rights Commission publications, 14294
 Civil War, books in Army Library, 5257
 Coast and Geodetic Survey aeronautical charts and related publications, 6980
 Coast Guard films, 6990
 Commerce Department publications, 1964 supplement, 364
 concert music by American composers, 1525
 copyright entries, 595-598, 1956, 4238, 5838-39, 8793, 11838, 17602-604
 DCSC procurement estimates, 10385
 defense logistics management training catalog, change, 8796
 emergency health preparedness publications, 11186
 FDA fakes and swindles in health field, 7448
 Federal aids to State and local governments, supplement, 10345
 print additional copies, reports, 10212, 10293
 Federal Aviation Agency Academy, 14598
 Federal programs for individual and community improvement, 5860
 films, 1966, Public Health Service, 15299
 general stores stock catalog, 2031, 3018
 price changes, hand tools, 2032
 supplement, 13330
Catalogs—Continued
 Government publications, monthly catalog, 3208
 GSA stock catalog, 16290, 17668
 Homoptera, 9792, 12587, 16917
 Industrial College of Armed Forces—
 1966-67, 16387
 publications, 16388
 investment information and opportunities—
 index, 6076
 index, southeast Asia supplement, 16383
 industry profiles, supplement, 9052
 Joint Publications Research Service current translations, 13447
 Labor Statistics Bureau publications, 9337, 16538
 Library of Congress—
 books, subjects, 3146
 motion pictures and filmstrips, 3147
 music and phonorecords, 12229, 16545
 National Exhibition of Prints, 9343
 national register of microform masters, 2307, 9345
 national union catalog, 3242
 register of additional locations, 2308, 9346, 14986
 subject headings, 17825
 monthly supplement, 3546
 medical and veterinary zoology, 5274, 8133, 16918
 meteorological satellite data, television cloud photography—
 ESSA 1, 14580
 TIROS VII, 1535, 8867
 TIROS VIII, 5900, 14579
 TIROS IX, 11902
 Military Academy, Preparatory School, Fort Belvoir, Va., 3828
 Military Academy, West Point, 1966-67, 17831
 National Bureau of Standards, standard materials, quarterly insert sheets, 11090
 National Library of Medicine, biweekly listing, 5038
 Navy film catalog, 11159
 parasite subject catalogue, 5274, 8133, 16918
 popular names of U.S. Government reports, 16546
 radar-positioned constant-volume balloon (tetroon) flights, 16901
 selected documents on the disadvantaged, 16226-27
 star catalogs, 9646
 stores stock catalog, hand tools, 4398
 supplements, 7425, 11956, 14646
 stream catalog of southeastern Alaska—
 regulatory districts 5, 6, 7, and 8, 2047
 regulatory district 9, 4426
 United States nautical chart catalog—
 Atlantic and Gulf Coasts, Puerto Rico and Virgin Islands, 6988
 Pacific Coast, Hawaii, Guam and Samoa Islands, 6989
 USSR radio industry products, analog computation equipment, 16502
 whales, living species, 7938
Catalysis:
 combustion of hydrocarbons, ionization produced, 9596
 hydrogen-atom recombination in rocket nozzles, 6341
 surface activity, effect of discontinuities on laminar heat transfer, 15198
Catasus, Antonio U., relief, 17445
Catawba, S. C., railroad accident, 12082
Caterers and catering:
 bibliography, 1459
 food to be served on buses, sanitation standards, handbook, 16794
Caterini, Dino J., relief, 15814
Caterpillars, see names of caterpillars.
Catfish, parasites, 14652

- Cathcart, James B., economic geology of Fort Meade quadrangle, Polk and Hardee Counties, Fla., 12011
- Cathey, Henry M., growing flowering perennials, 14138
- Cathode ray tubes :
displays, apparent movement phenomena, 2363
use for color displays in combat information centers, 6552
- Cathode rays, technology, development trends, East Germany translation, 12160
- Cathodes :
heated-cathode discharge tube, directed beam of high-speed electrons through mercury vapors, 4990
rod and dish cathode improves Penning-type vacuum gauge, 6406
- Catholic University of America, Weissenberg rheogoniometer, duty-free entry, 389, 542
- Catholicism, present-day social doctrine vis-a-vis working class, USSR, 16509
- Cats :
certified products for, regulations governing, 1954
effects of congenital cerebellar hypoplasia on developmental behavior and vestibular system, 12628
scotic response, 12645
used for research, etc., regulate transportation, sale, and handling—
hearings, 7108, 13200
law, 15726
reports, 8604, 8611, 11775, 13008
- Cattle :
acetylcholinesterase from erythrocytes, isolation, purification, etc., USSR study, 2241
anaplasmosis, control, 16926
beef—
improvement, handbook for county agents, 5285
production, effects of stocking rates in northern Great Plains, 3772
production, use chemicals safely, 9831
dairy—
DHIA sire summary list—
Ayrshire, Guernsey, Holstein, Jersey, Brown, Swiss, Milking Shorthorn, and Red Dane sires, 12581
Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, and Red Poll Sires, 11, 6713
Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, Red Dane, Mixed Breed, and Red Poll sires, 6714
interstate movement, 1965, selected States, 9740
recent developments in nutrition, 9779
dipping vat & inspection facility, building plan, 15456
economies of size for specialized beef feedlots in Colorado, 10411
fed, 1962-64, marketed, number, 15383
growth and reproduction, influence of environment, 5268
hide exports, hearing, 11637
hides, export controls (remarks), 8429
horn flies, how to control, 1587
market, testing program—
brucellosis eradication activities, 3556
brucellosis, what you should know, 6762
on feed, 2732
packer feeding, volume and significance, 16930
raising a few for beef, 12605
scabies eradication activities, 3725
slash cleanup in ponderosa pine forest affects use by, 13366
sold for slaughter, selected markets, 2732
stocker and feeder, shipments, 3515
Texas longhorns, conservation note, 10530
- Cattle—Continued
use of ponderosa pine forest in Arizona, 13365
use of spruce-fir forests of Arizona, 13368
see also Livestock.
- Cattle ranches, *see* Ranches.
- Cattle ranges, *see* Range lands.
- Caucasus, Greater, water resources of administrative regions, estimate, 14892
- CAUSE [Counselor-Advisor University Summer Education] II prepares 2000 to counsel Youth, 662
- Cauthen, Lewis J., jr. :
Isthmian Canal, studies, 1964, safety evaluation for air blast, ground shock, throwout, and dust, 155
strong motion seismic measurements, Project Pre-Schooner, 1681
- Cavallaro, Joseph A., reclaiming magnetite in dense-medium circuits by froth flotation, 13697
- Cavalry (armored), *see* Armored force.
- Cavanaugh, Joseph A., professional mental health personnel employed in States, 11105
- Caves, decoupled nuclear explosion, cavity pressure and temperature measurements, feasibility Project Dribble, Salmon event, 3852
- Cavin, James P., talk, Nov. 15, 1965, 4288
- Cavitation :
accelerated, damage of steels and superalloys in liquid metals, 9539
effects on magnitude of intermittent forces transferred to ship's hull by screw propeller as it operates, USSR study, 2216
fluid flow, effects of pipe bends, 11021
liquid, in circular pipe bends, studies, 4925
screw propeller, determining moment it sets in, USSR study, 2214
similarity considerations based on measured pressure and temperature depressions in cavitated regions of freon 114, 13824
subsurface, source of noise in ocean, USSR study, 13559
- Cavities, *see* Caves.
- Cavity reactors, *see* Reactors (atomic).
- Cavity resonators, *see* Resonators.
- Cayuga Inlet, drop structure, hydraulic model investigation, 5888
- CCC, *see* Commodity Credit Corporation.
- CCR special publications, 6959, 11494
- CD newspapers, 2734
- Cecilia, Sister Mary, *see* Esquivel, Leonie.
- Cedar :
Atlantic white-cedar being eliminated by excessive animal damage in South Jersey, 789
juniper eradication, effect on streamflow from Corduroy Creek basin, Ariz., 10643
juniper woodlands on Cibola Ridge, thoroughfall for summer thunderstorms, 6033
moisture content of juniper, fluctuations, 13369
pinyon-juniper sites in New Mexico, adaptability of forage species, 4452
western redb cedar, seasonal progress of radial growth, 4472
- Celada, Raymond J., internal security and subversion, principal State laws and cases, study, 581
- Celebes, sailing directions, change, 11145
- Celentano, J. T., vibrocardiographic system study, 10969
- Celery :
hydrocooling stacked crates, 12582
market diseases, 16920
- Celestial bodies :
photography, photogrammetry, and photo interpretation in space investigations, USSR study, 988
spatial relations, by analog solar system model, 16636

- Celestial mechanics, one-step integration methods, 16708
- Celestial navigation, *see* Navigation.
- Celestite:
disposal from supplemental stockpile—
hearings, 11643
law, 11570
reports, 10149, 11753
- Cells:
division endocrinological research, problems, USSR study, 7585
electrochemical, improvement of zinc electrodes, 4832
reconstruction of biologically active ribosomes from protein-deficient ribonucleoprotein particles and ribosomal protein, 10774
see also Cytology—Epithelial cells.
- Cells (electrolytic), *see* Electrolytic cells.
- Cement:
and dispersant additives, effect on hydraulic backfill, laboratory study, 16576
duty treatment of limestone for cement, report, 17328
expanding cements, investigation, 682
industry, mergers & vertical integration, economic report, 11957
interrelations between cement and concrete properties, sulfate expansion, heat of hydration, and autoclave expansion, 13855
portland—
blast-furnace slag, investigation, 681
production, shipments, and stocks, monthly report, 2735
subgrade stabilization under landing mat, 7333
products, census of manufactures, 1963, industry report, 3897
- Cement masons, employment outlook, 9219
- Cemeteries, *see* National cemeteries.
- Cenozoic era, China, general description, 13470
- Census:
agriculture, 1964, preliminary reports, 2736
areas with approved census tracts, 1960, list, 5455
business, 1963—
area statistics, announcement and order form, 14248
major retail centers, area statistics, 184, 1698
merchandise lines sales, announcement and order form, 8323
retail trade area statistics, 185-192, 3875-76, 5438, 6883, 9946-49
advance, reports, 2737
retail trade subject reports, 193-196, 8325
selected services, area statistics, 197-198, 3877-80, 6884
advance reports, 2737
selected services, subject reports, BC-SS series, 200-203, 1699, 6885
selected services, summary statistics, advance reports, 2738
special report, 6886
wholesale trade area statistics, 204-206, 3881-83
advance reports, 2737
bound volume, 15565
wholesale trade subject reports, 207-208, 1700-1, 8326
business, manufactures, and mineral industries, 1963, EC series, 223, 1707
geography, 1970, cooperative effort (paper), 9966
governments, 1962, final reports, 209-210
head-counting techniques in premium demand, U.S. census know-how traverses world, 1740
housing, 1970, self-enumeration as method, 12731
- Census—Continued
manufactures, 1963—
area statistics, 14250-253, 15567-573, 16392-995
industry statistics, 1702-4, 3884-3906, 5439-51, 6887-6914, 8328-38, 11452-453
preliminary reports, 2739
special reports, 3907, 6915, 11454-456, 12698-701, 14254-260, 15574, 16996-997
mineral industries, 1963—
industry statistics, 6916, 9951, 11457-459, 12702, 14261-262, 15575-576
preliminary reports, 2740
1970 census—
preparation (address), 5554
questions, hearings, 15985
population, 1960—
final reports, 3939, 5501, 8371, 11479
supplementary report, 211, 1705-6, 6917-18
population, unemployment, and housing, mid-decade census in 1966, etc. report, 481
seasonal adjustment program, X-11 variant of census method II, 271
small-area data activities, 5500
statistical briefs from around world (periodical), 3536
tract manual, 5454-56
tract memo, 2741
tract papers GE-40 (series), 8348
transportation, 1963—
advance and/or preliminary reports, production area series, 6919, 8339-47, 9952-59
final volumes, 3908, 16998
preliminary reports, commodity transportation survey, shipper series, 212-222, 3909, 5452-53
truck inventory and use survey, 3908
see also subjects.
- Census Bureau:
catalog, 2713
monthly supplement, 2714
bulletin, 15564
employees, claims incident to service in taking 1960 decennial census, Secretary of Commerce to settle, report, 12953
press releases, 3347
professional careers, 270
publications on governments, recurrent reports scheduled, 14281
regional directors, list, 5456
schedule B, 3491
schedules, 224, 3936, 5498-99, 6936
Small-Area Data Advisory Committee, activities, 5500
special censuses conducted, summaries, 3930, 6932, 8363, 11471-472, 12727, 17010
statistical daily (test periodical), 183
technical paper, 271
working papers, 273, 12731
- Census Tract Conference, papers presented, 8348
- Centenarians, America's, social security beneficiaries who reach 100, 18099
- Center for International Systems Research, occasional papers, 18114
- Center for Settlement of Investment Disputes, *see* International Center for Settlement of Investment Disputes.
- Center of gravity, *see* Center of mass.
- Center of mass, centers of gravity of children, sitting and standing, 8307
- Center-hole anchors, *see* Anchors.
- Centerwall, Willard R., phenylketonuria, inherited metabolic disorder associated with mental retardation, 6941
- Central African Republic:
background notes, 6622
mineral industry, minerals yearbook chapter, 9362

- Central America :
 beef export trade, 2054
 health information for travel, 11184
 weather records, 1951-60, 17638
- Central American Common Market :
 1963-64 foreign trade, 11521
 observations, report, 15968
- Central Arizona project :
 authorize, construct, operate and maintain hearings, 519, 10247
 print additional copies, reports, 499, 561
- Central Dermatovenereology Scientific Research Institute, USSR, director, N. M. Turanov, activities in scientific field, 9185
- Central Great Plains, *see* Great Plains.
- Central Intelligence Agency :
 act of 1949, amend, report, 12996
 Director, nomination of Richard Helms, hearing, 11790
- Central nervous system, *see* Nervous system.
- Central of Georgia Ry., accidents, 2138, 12079, 12083
- Central Radio Propagation Laboratory, *see* Telecommunication Sciences and Aeronomy Institute.
- Central States :
 census of business, 1963, merchandise line sale, retail trade, statistics, West North Central States, errata, 196
 cost of transporting freight, 6086, 7538
 East North Central region, standard metropolitan statistical areas, facts for marketers, 6877
 East North, manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
 East South Central division, manufacturing plants, location by county, industry, and employment size, 1963 census, 14259
 East South Central region, standard metropolitan statistical areas, facts for marketers, 6878
- North—
 principal electric facilities, map, 7376
 rural nonfarm areas, consumer expenditures and income, 1961, supp., 2289
- North Central region—
 nonmetropolitan areas, employee earnings and hours, 17816
 rural farm population consumer expenditures and income, 14117
 urban and rural 1960-61, consumer expenditures and income, 7662, 10855
- South, principal electric facilities, map, 7379
 standard metropolitan statistical areas, facts for marketers, 9941
- West North Central division, manufacturing plants, location by county, industry and employment size, 1963 census, 14257
- West South Central region, standard metropolitan statistical areas, facts for marketers, 8316
- West South, manufacturing plants, location by county, industry, and employment size, 1963 census, 16996
- Central States Forest Experiment Station, publications, 1965-66 list, 11990
- Central Valley project :
 American River division, general information, 11208
 Auburn-Folsom South unit, construct, etc., report, 17197
 Trinity River division features, construction, 12495
- Centrifugal device separates liquid from gas, 4887
- Centrifuges :
 neurologic adaptations in mice exposed to chronic 2x gravity field, 93
 zonal and ancillary systems development for tissue fractionation and analysis, 15289
- Century of change (remarks), 1397
- Cerambycidae, *see* Beetles.
- Ceramic engineers, employment outlook, 9236
- Ceramies :
 air-cured coating insulates against high heat fluxes, 1232
 census of mineral industries, 1963, industry statistics, 12702
 refractory, fibers produced by improved process, 9487
 stannic oxide, electrical properties, 4831
 structural materials, investigation, 17883
 summaries of basic AEC research programs, 5403
- Cereals, *see* Grain.
- Cereals as foods, bread and cereals, golden nuggets, guide for program aides in home economics, 15458
- Cerebellar hypoplasia, *see* Hypoplasia.
- Cerebral vascular disease, *see* Blood vessels.
- Cerebrovascular system, disorders, strokes, summary of progress, 5034, 18073
- Ceres (asteroid) :
 trajectories, planetary flight handbook, 9445
- Cerium, inhibitor of thermal degradation processes in polysiloxanes, 16759
- Certificates, *see* types of certificates, or subjects involved.
- Certificates of indebtedness, *see* Treasury certificates of indebtedness.
- Certified air carriers, *see* Air carriers.
- Certified public accountants, *see* Accountants.
- Cesium :
 adsorption on fluorinated molybdenum as erected dipole model, 4961
 adsorption on insulators, 4810
 atomic beam determination of cesium-cesium total scattering cross section, 2436
 beam standard, use for comparison with hydrogen maser frequency, 7834
 determination by flame photometry, 15023
 high-temperature properties, 1358
 multiple adsorbates, cesium with fluorine on molybdenum and tungsten, desorption kinetics, 15187
 tetraborate charge material, bias determination of mass spectrometric isotopic analysis of boron using prepared standards and sodium, and cesium, 11427
- Cesium chloride, volatilization from pollucite ore, 12247
- Cesium isotopes :
 Cs-137—
 binding characteristics in Pangola hay and Spanish moss, 2522
 dietary intakes and body burdens, 2523
 facility for ecological research, development, 8293
 gamma rays in sand, determination of differential energy and angle spectra, 11423
 projected values of body burdens in Anaktuvuk Pass Eskimos for summer of 1965, based on findings in caribou muscle, 5115
- Cestoda, index-catalog, 9793
- Cestron, Patrick F., teach them to lift, 4702
- Cetacea, toothed cetaceans (odontoceti), structure of populations, USSR study, 14922
- Ceylon :
 agricultural commodities, agreement, 11273
 investment guaranties, agreement, 15347
 mineral industry, minerals yearbook chapter, 1118
- Cha Mi Hi, relief, 1893
- Chace, William G., factors affecting quality of grapefruit exported from Florida, 6758
- Chad, mineral industry, minerals yearbook chapter, 9362
- Chadwick, Donald R., paper, Oct. 19, 1965, 1435
- Chagas' disease, *see* Trypanosomiasis.
- Chains, Federal item identification guides for supply cataloging, supplements, 2934

INDEX 1966

- Chairs, rotary, straight, wood office, Federal standards, 17666
- Chajet, George, indirect paired associates learning, 7972
- Chalissov, Iosif A., celebrates birthday, 13550
- Chalmette National Historical Park, general information, 15220
- Chamberlain, E. B., aerial surveys of waterfowl in eastern Canada, problems, 10539
- Chamberlayne, Earl C., relief, 16021
- Chambers, Harriet C., relief, 11640, 11700, 14338
- Chambers, John C., vapor compression distillation using secondary heat transfer media, 6063
- Chambers, Joseph R.:
dynamic lateral stability and control of parawing vehicle, 12347
static and dynamic longitudinal stability derivatives of powered $\frac{1}{4}$ -scale model of tilt-wing V/STOL transport, 16670
- Chamise, live and dead, variations in moisture content of fuel size components, 10573
- Chamizal Memorial Highway:
border highway along U.S. bank of Rio Grande, construct—
hearing, 13057
report, 14390
- Chamizal National Memorial:
establish—
law, 11582
reports, 10123, 10317
- Champlin, Jerry B. F., use of hot-finished mild steel coupons for corrosion inhibitor testing, 2348
- Chan, Kwok-Long, electron densities and scale heights in topside ionosphere, 13726, 17890
- Chance for a change, new school programs for disadvantaged, 13268
- Chance on the outside, 11867
- Chancelleries, foreign, establish international center in D.C., hearing, 17392
- Chanceries, *see* Chancelleries.
- Chandler, John H., unit labor cost in manufacturing, trends in 9 countries, 17910
- Chang, F. M., total bed-material discharge in alluvial channels, 4526
- Channel Islands National Monument, general information, 6503
- Channels:
alluvial, data from flume experiments, 1956-61, summary, 13407
alluvial, resistance to flow, 17718
and hillslope processes, semiarid area, New Mexico, 12019
Mississippi River, Cairo to the Gulf, improvement and stabilization, 7719
natural, stage-discharge relations established by step-backwater analysis, definition, 6043
open-channel flow, laboratory studies (series), 825
radial coolant, fabricated by simplified method, 12309
rectangular, cross-channel transfer of linear momentum, 825
- Chaparral, pringle manzanita, shrub seedling regeneration after controlled burning and herbicidal treatment, 2072
- Chapels:
Protestant, in Armed Forces—
guidelines for men of the chapel, 612
guidelines for women of the chapel, 613
- Chapin, E. J.:
design, construction, etc., new high level radiation laboratory at NRL, 1353
radiant energy transport in BeO, 1352
- Chaplains:
House, prayers, 89th Congress, 15780
print as H. doc., report, 10192
Naval Reserve, handbook, 1346
Navy Supervisory Chaplains Conference, proceedings, 12417
VA workshops 1966 (papers), 16895
- Chapman, Andrew J., silicone, phenolic, and epoxy base heat-shield materials, 17914
- Chapman, Jane R., Oak Glen, training camp for unemployed youth, 14961
- Chapman, Roger C., aerial photo stand-volume tables for some California timber types, 10580
- Character guidance, *see* Guidance.
- Characteristics and trends of clients rehabilitated, 6691
- Charcoal:
activated, 1953-64, list of selected references, 11086
adsorption, 8 available commercially, laboratory comparison, 17856
- Charest, Jacques, mechanics of penetration of piles into permafrost, 8245
- Charge exchange, resonant, cross sections in nitrogen and argon, measurements, 4980
- Charge to mass ratio, *see* Specific electronic charge.
- Charges (explosive):
effect of charge weight on vibration levels from quarry blasting, 12243
efficiency of charges with air gaps, USSR study, 6155
- Charitable institutions:
judicial reform, deduction of contributions for income tax purposes, report, 5658
state constitution changes, deduction of contributions for income tax purposes, report, 13162
- Charitable organizations, unrelated debt-financed income of tax-exempt organizations, impose tax, hearing, 15997
- Charities, fund raising within Federal service for voluntary health and welfare agencies, manual, 17043
- Charles County, Md.:
preservation and protection of certain lands, facilitate—
law, 12838
reports, 8627, 13137
- Charleston, S.C.:
hurricane survey, engineer report—
departmental edition, S859
document edition, S501
principal electric facilities, map, 7380
- Charleston, W. Va., area wage survey, metropolitan area, 14971
- Charleston Harbor, reduction of shoaling, 13298
- Charlotte, N.C., area wage survey, metropolitan area, 13602
- Charnow, Milton L., development of Hansen's coordinates in lunar problem by method of iteration, 7887
- Charring ablaters, *see* Ablation materials—Ablators.
- Charters:
American Veterans of World War II, amend—
law, 17104
report, 17222
Federal, consideration, authorization, report, 4190
Federal mutual savings banks, legislation—
hearings, 8661
text of bill, with amds., 10234
Georgetown University, amend to clarify corporate name, report, 17414
- Charts:
case, opens to form briefing easel, 7789
century of agriculture in charts and tables, 12596
Federal money for education, programs administered by Office of Education, 4302
handbook of agricultural charts, 16921
information-theoretic concepts in theory of graphs, 10947
mathematical functions with formulas, graphs, etc., NBS handbook, list of errata, 7908
scale interpolator facilitates reading of graphs, 13738
sold by Superintendent of Documents, price list, 1409

Charts—Continued
 traffic sign charts, announcement and order form, 17998
see also Maps and charts—Organization charts—*also* subjects.

Chase, John L.:
 directory of graduate deans, 1872–1965, at United States universities, 11869
 number and kinds of second-level degrees conferred by United States institutions of higher education, 11877

Chase, William W., planning preschool facilities, 11878

Chassis units, inserted or extracted quickly with rack mount device, 4878

Chattanooga, Tenn.:
 area wage survey, 1094
 principal electric facilities, map, 7380

Chatters, Roy M., proceedings of 6th International Conference, Radiocarbon and Tritium Dating, 11422

Chauncey, Howard H., saliva protease levels in relation to periodontal status in man, 11381

Chebyshev polynomials, *see* Polynomials.

Checking prepackaged commodities, manual for weights and measures officials, Spanish translation, 1291

Checklists:
 business service, 2720
 State publications, monthly, 3209
see also names of departments, etc., issuing checklists—*also* subjects.

Checks:
 drawn in favor of banks, etc., for credit of Federal employees account, 5191
 Federal reserve system check clearance float, hearing, 7146
 social security, 2563

Cheese:
 family meals, guide and recipes, 9818
 industry in U.S., sources of information, 6876
 laws and regulations affecting cheese industry, summary, 12593
 production in United States, 16726

Cheka, notes of chekist, USSR article, 7598

Chelan division, *see* Chief Joseph Dam project.

Chelating resins, *see* Resins.

Chelsea, Kans., railroad accident, 12071

Chemical analysis, copper-base alloys, procedures, 12436
see also Electrochemical analysis—*also* names of substances analyzed.

Chemical elements:
 atomic transition probabilities—
 bibliography, 7916
 hydrogen through neon, 11092
 distribution in shelf and eugeosynclinal black shales, 10632
 distribution of minor elements in coals of Appalachian region, 13393
 light elements, absolute photon yields by deutron bombardment, 16699
 narrow band X-ray detector for identification, 6855
 origin associated with uranium in Cave Hills area, Harding County, S. Dak., 17719
 thermodynamic properties, tables, 9553
 very light elements, nondispersive analysis, 12376

Chemical engineers, employment outlook, 9236

Chemical equilibrium, *see* Equilibrium.

Chemical industries, *see* Chemicals.

Chemical milling:
 etching process mills Ph 14–8 Mo alloy steel to precise tolerances, 10984
 inventions, royalties for use by Government contractors, GAO review, 7478
 solution produces smooth surface finish on aluminum, 13748

Chemical reactions:
 carbides, nitrides, and diborides of titanium and zirconium, 13836
 chemical-kinetic basis for differentiation of secondary and priming explosives, 7902
 fluorine and fluorine-oxygen mixtures spilled on various materials, 78816
 ignition kinetics of carbon monoxide-oxygen reaction, 16706
 kinetics behind normal shock waves in mixtures for conditions typical of Mars entry, 6451
 metallides and reactions among them, USSR study, 7576
 microorganisms detected by enzyme-catalyzed reaction, 7774

Chemical solutions, *see* Solutions.

Chemical warfare:
 chemical agents—
 employment, Army field manual, 8250
 now employed or contemplated by Pentagon in Vietnam, USSR study, 2195
 USSR, regulations concerning chemical services, Armed Forces, 960

Chemical Warfare Service, Army, chemicals in combat, U.S. Army in World War II, 9358

Chemicals:
 agricultural—
 census of manufactures, industry report, 3894
 registered pesticides, summary of uses, supplement, 5276
 basic, commodity transportation survey, shipper series, 3909
 benzenoid, imports, 5185, 14042
 chemical plants, investment and operating costs, bibliography, 12235
 chemicals and allied products, census of manufactures, 1963, manufacturing plants, location, 12700
 chemicals and chemical products, Federal item identification guides for supply cataloging, supplements, 2937
 chemicals and related products, trade and tariff information, summaries, 16875
 coal, mineral industry survey, advance data, 14998
 coal, minerals yearbook chapter, 1106
 compounds authorized for use under poultry, rabbit, and egg products inspection, 10376, 16201
 compounds, control of cabbage caterpillars, field evaluation, 14100
 Czechoslovak Society, membership of Slovak group of Slovak Academy of Sciences, 2261
 data guide for bulk shipment by water, 10007
 file organization for large information system, 9554
 gum and wood, census of manufactures, 1963, industry statistics, 6902
 Hungarian Chemical Society, 1966 general assembly, report, 14933
 in combat, U.S. Army in World War II, 9358
 industrial inorganic and organic, census of manufactures, 1963, industry statistics, 8333
 industry, employment outlook, 9298
 industry reports, 2746
 inorganic—
 current industrial reports, 2817, 5478, 8353
 trade and tariff, information, summaries, 16575
 Little Blue River basin, chemical quality of water, 17728
 miscellaneous chemical products census of manufactures, industry report, 3895
 new industrial, toxicology, USSR study, 901
 planning in chemico-pharmaceutical industry, USSR, 4643
 products, commodity transportation survey, shipper series, 213

INDEX 1966

Chemicals—Continued

- protection against radiation damage to immune response in mouse spleen cells, 15494
- research in Hungary, 4670
- safely use in production of beef cattle, swine, and sheep, 9831
- structure characterization of phenylhydrazo-phenylazo tautomerism, progress report of Organic Chemistry Section, July 1965–June 1966, 17944
- surface methods of displacing water and/or oils and salvaging flooded equipment, 1376
- Tennessee Valley Authority, 1965 development, 6670
- thermodynamic properties, selected values, tables, etc., elements 23 through 32 and compounds, 9553
- toxic, used in agriculture, scientific symposium on toxicology and hygiene, USSR study, 967
- toxic, used in Soviet agriculture, study, 2229
- USSR, Hungarian scientist visits and describes Soviet research institutions, 9102
- USSR industrial development, translations, 3659
- chemical machine building, 3660
- see also Fluorochemicals—Inorganic compounds—Organic compounds.

Chemistry:

- AEC basic research program (off site), summaries, 5404
 - analytical, conference, Oct. 8–9, 1964, Cincinnati, Ohio, proceedings, 145
 - at Brookhaven (remarks), 16977
 - career opportunities, examination announcement, 5519
 - chemistry and medicine, USSR study, 941
 - chemistry of beryllides, USSR study, 14854
 - Communist Chinese abstracts, 2769
 - complex compounds, use of physical methods to study, 2d conference, 16437
 - East European abstracts, 2866
 - enzymes, USSR study, 970
 - Hungary—
 - technical chemical research, 9186
 - Technical Chemistry Research Institute, 5th anniversary, 9186
 - International Congress of Pure and Applied Chemistry scientific papers, abstracts, 8281
 - iron-rich sedimentary rocks, 4520
 - journal of research, National Bureau of Standards, 3100, 17937
 - lavas, 1959–60 eruption of Kilauea Volcano, Hawaii, 7488
 - medical, Soviet studies, 9073
 - Mendeleev congress, USSR, 934, 979
 - Mendeleev Society 1965 prize winners, USSR, 14930
 - Rumanian inventions, 10805
 - surface properties of fluorochemicals, 5073
 - surface, proteins and polypeptides, 16755
 - USSR abstracts, 3672
 - see also Geochemistry—Organic chemistry—Petrochemistry—Radiochemistry.
- ## Chemists:
- employment outlook, 9263
 - examination announcement, 14302
 - Hungarian Society, work plan and news, 10740
 - industrial hygiene, syllabus for short courses, laboratory manual, 16802
 - pay, Feb.–Mar. 1965, survey, 2303
 - radioisotopes, examination announcement, 8404
 - trainee, examination announcement, 298
- ## Chemotherapy, cancer chemotherapy reports (periodical), 2726
- Chemtsak, John A., West Indian Cerambycidae (Coleoptera), 5043
 - Chen, James Y. P., effects of cold exposure upon action of therapeutic drugs, 9860
 - Chen, Li Tsu (Nako):
 - relief, 12899, 14361

- Chen, Ta Shen, stresses in rock disk subjected to peripheral thermal shock, 15024
- Cheng, Chu-yuan, scientific and engineering manpower, 1949–63, Communist China, 2478
- Cherokee Indians, Chilocco Indian School lands, hold in trust, report, 12931
- Cherries:
 - brined, texture, 8132
 - firmness and its relationship to pitter loss, 14105
 - marketing orders for freezing and canning, issuance without approval of processors, hearing, 17564
 - production, use, value, 1964–65 by States, 15379
 - sour, crop production report, 12542
- Cherry, black cherry logs not degraded by adventitious bud clusters, 5978
- Chesapeake Bay:
 - basin project for water supply and water quality management, 16291
 - fisheries, annual summary, 2035
 - storm warning facilities chart, 12561
- Chesapeake Bay Bridge-Tunnel, motor carrier accident, 873
- Chesebro, John S., Army information digest, 2690
- Chest, closed drainage, programed course for nurses, 9623
- Chewing, see Mastication.
- Cheyenne, Wyo., land transfer, law, 445
- Chicago, Ill.:
 - area wage survey, metropolitan area, 14970
 - board of trade, futures trading and open contracts in wheat, corn, etc., 3014
 - commodity transportation survey, production area series, 6919
 - Communist activities in area, hearings, 4148
 - fresh fruit and vegetable prices, 9840
 - manpower training facilities selection, etc., GAO report, 12006
 - Mercantile Exchange futures trading and open contracts in eggs and potatoes, 3012
 - port development and international trade (remarks), 7371
 - principal electric facilities, map, 7375
- Chicago, Burlington & Quincy RR., accident, 12077
- Chicago, Milwaukee, St. Paul and Pacific RR., accident, 12074
- Chicago, Rock Island Pacific RR., accident, 12076
- Chickenpox, health information, 15279
- Chickens:
 - broiler, commercial production, etc., 9737, 11281
 - broiler-fryers, homemakers' opinions and preferences, 14141
 - brooding chicks with infrared lamps, 41
 - development of chick embryos, analysis of effect of replacing nitrogen by helium in air, 978
 - egg production tests, U.S. and Canada, 1965 report, 3731
 - family flock for Appalachia, 11355
 - home flock, 43
 - layers and egg production, 11280
 - lice, how to control them, 6751
 - national poultry improvement plan, breed distribution of participating flocks, 8128
 - number raised, 1966, estimates, 15376
 - production, disposition, cash receipts, and gross income, 1964–65, by States, 9737
 - pullet chicks for broiler hatchery supply flocks, 3432
 - radiant energy distribution of 3-gas-fired infrared chick brooders, 9777
 - tested by official State agencies, monthly report, 3627
 - what today's homemakers think about chicken (remarks) 1611

Chicopee, Mass., commodity transportation survey, production area series, 8340
 Chicory:
 duty, suspension and reduction, continued—
 law, 10090
 reports, 8559, 10300
 Chief Joseph Dam project:
 Chelan division, Manson unit, construct, etc.—
 hearing, 5696
 law, 15736
 reports, 7085, 8568
 Chilchibito quadrangle, Ariz., geology, 816
 Child care, *see* Children.
 Child development, *see* Children.
 Child health, *see* Children.
 Child labor:
 bulletins, 11309, 14070
 fair labor standards act—
 provisions, guide, 14070
 requirements in agriculture, 11309
 State standards, summary, 4703
 Child life, *see* Children.
 Child placing, children of minority groups for adoption, how one social agency is focusing effort and skill, 275
 Child study, *see* Children.
 Child welfare institutions:
 public institutions for delinquent children, 1964, statistics, 3947
 quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282
 Children:
 America's children and youth in institutions, demographic analysis, 6943
 book selection aids, 8836
 books, guide for parents, 9827
 brain dysfunction, minimal—
 terminology and identification, 11109
 who is this child? 10432
 care of teeth, 12733
 centers of gravity, sitting and standing, 8307
 child care, birth to middle teens, Government publications, list, 7988
 child development center concept, relationship to preschool and day care, 4267
 child development specialists for use in elementary schools—
 hearings, 5689
 report, 5676
 child health program, significance of 1965 social security amendments (address), 277
 child nutrition act of 1966—
 hearings, 13010
 reports, 12985, 15890
 child protection act of 1966, reports, 15942, 16121
 child safety act of 1966, hearings, 15979
 child with central nervous system deficit, 5504
 childhood disorders of brain and nervous system, research progress, summary, 1318
 children of deceased or disabled Philippine veterans, extend educational assistance benefits—
 hearing, 16195, 17397
 law, 17112
 reports, 15867, 15878, 16134
 children of deceased or disabled veterans, education assistance, 2621
 children of deceased veterans, liberalize payments, reports, 10135, 16076
 children of disappeared veterans, payment of pensions—
 law, 11576
 reports, 10130, 11751
 children's books, 1965, list, 7681
 children's books, selected list, 16223
 consumer information, price list, 2519

Children—Continued
 define the term child for civil service pensions lump-sum payments—
 hearing, 5822
 law, 10058
 report, 8723
 dependent—
 of unemployed parents, aid to families, 3633
 of unemployed parents in D.C., provide aid, report, 544
 public assistance, monthly cost standards for basic needs used by States, Jan. 1965, revised table, 7343
 disadvantaged—
 administration of elementary school programs, 16225
 conference proceedings, 13275
 educating in elementary school, bibliography, 16229
 educating under 6, 5871
 education in middle grades, 4298
 ERIC catalog of selected documents, 16226-27
 head start child development centers—
 daily program, 4273
 equipment and supplies, 4277
 good nutrition, 4272
 invitation to help, 4268
 medical guide for directors, 4271
 parent participation, 4275
 securing the needed staff, 4270
 selection and recruitment of volunteers, 4274
 social services, 4276
 National Teacher Corps to reach and teach children of poverty, 8849, 11876
 school programs, under elementary and secondary education act of 1965, 13268
 series, 4298, 5671, 16229
 District of Columbia, census, amend act, report, 13140
 education in federally affected areas, 1965 annual report, 4295
 educationally deprived—
 better schooling programs, 640
 school programs, basic facts for school administrators, 1975
 special programs, guidelines, 4304
 exceptional, research, 12734
 facts and figures, 9978
 farm migrant, school transfer records, 655
 feeding young children, 6764
 films on child life, 276
 food service programs, strengthen and expand—
 hearings, 13191, 17375
 reports, 13146, 15865
 fun with circle games, guide for parents, 9828
 handicapped—
 education, conference report, 10421
 education, preparation of professional personnel, manual, 16239
 military medical benefits act of 1966—
 hearings, 13195
 reports, 7105, 8612, 16091
 parent education project, 1741
 visually, educational programs, 8839
 health needs and services, effects of recent demographic trends, 11484
 heart disease, training program in cardiology, workshop proceedings, 6582
 helping parents teach young children, guide for home economics program assistants, 8162
 hematology in pediatrics, USSR study, 9066
 Indian and Eskimo, picture story book, 13423
 interdisciplinary journal for professions serving children, 2747
 introducing children to space, Lincoln plan for elementary schools, 12276

INDEX 1966

Children—Continued

- learning about learning, conference, report, 8847
 - learning through touch, guide for parents, 9830
 - mental health, child program, National Institute of Mental Health, 7930
 - mentally retarded—
 - rare inborn errors of metabolism, 8374
 - research projects, list, 8375
 - social security benefits, 15329
 - modern mathematics and your child, 4311
 - nephropathy concomitant with bile duct diseases, diet therapy, USSR study, 1032
 - nursery-kindergarten enrollment under six, 10428
 - pediatrics, Indian Health Division residency program, 2524
 - physical abuse, mandatory reporting by physicians in D.C., reports, 17200, 17288
 - poor—
 - child-rearing patterns associated with poverty, 11319
 - improving opportunities and achievements, 10402
 - preschool facilities, planning, 11878
 - preteens, moving into adolescence, 11483
 - project grants to provide comprehensive health services, policies and procedures, 3944
 - promoting atheism among children, USSR, 16392
 - qualification as stepchild for social security benefits, reduce period, report, 17331
 - research programs, studies in progress, 12734
 - research relating to special groups of children, 8375
 - school health program, outline for school and community, 15302
 - selected facial measurements for oxygen-mask design, 15535
 - 6-11 years, health examination survey, psychological measures used, 8004
 - sleep and electric sleep, USSR study, 14850
 - something for special child, 7320
 - special milk programs, extend—
 - hearings, 13191, 17375
 - reports, 12985, 13146, 15865, 15890
 - special milk program, make permanent, etc. hearings, 13010, 11786
 - State child welfare plans, staff development provisions, 5905
 - summer lunch program, establish—
 - hearings, 13030
 - report, 8634
 - talented students, provisions for, bibliography, 5883
 - who need protection, services under AFDC, caseworkers' manual in public assistance agencies, 1999
 - with-matches fires in Angeles National Forest area, prevention, etc., 17695
 - work injuries to minors, report, 16518
 - your child from 6 to 12, 9975
 - see also Adoption—Child labor—Child planning—Orphans.
- Children, Disadvantaged, National Advisory Council on Education of, see National Advisory Council on Education of Disadvantaged Children.
- Children's Bureau :
- folder series, 3943
 - infant care, bestseller publications, story of development, 278
 - publication series, 276, 3945, 5504, 6941-43, 8373-74, 9975-76, 11483, 12732-733, 14282
 - publications, list, 9977
 - publications, price list, 6569
 - statistical series, 3947-48
- Children's clothing, see Clothing.
- Chile :
- agricultural commodities, agreement, 5168, 11275

Chile—Continued

- background notes, 8040
 - Bolivia boundary, study, 11258
 - education and social change, 11871
 - fisheries, 7433
 - foreign trade regulations, 4008
 - mineral industry, minerals yearbook chapter, 7690
 - Peru boundary, study, 9723
 - special study mission, report, 12963
 - uranium exploration, 6859
- Chilling injury of eggplant fruits, 14140
- Chilman, Catherine S. :
- approaches to measurement of family change, 14085
 - growing up poor, 11319
 - moving into adolescence, your child in his preteens, 11483
 - social, psychological, and economic aspects of alcoholism, 15428
 - your child from 6 to 12, 9975
- Chilocco Indian School, lands, held in trust for Cherokee Nation, report, 12931
- Chimaeras, general information, 4404
- Chimeras, radiation, and transplant immunity, USSR study, 14920
- Chimes, see Carillons.
- Chimneys and fireplaces, general information, 32
- Chimpanzees, effect of rapid decompression to near vacuum, 1188
- China :
- agriculture prior to 1949, publications, list, 17935
 - ancient novae and supernovae, and their significance in radioastronomy, 4993
 - Cenozoic group, 13470
 - coast, sailing directions, change, 5054
- Communist—
- Acta geographica Sinica (periodical), translations, 16402
 - agricultural situation, 7291
 - background notes, 18108
 - blueprint for aggression, the People's war, strategy for world Communist domination, 12648
 - blueprint, long range strategy for world Communist domination, 5338
 - church and state under Communism, 7220
 - claims of U.S. nationals against regime, determination—
 - hearing, 17377
 - report, 17290
 - digest, 2767
 - food and agriculture, translations, 3595
 - geographical society, symposium on geomorphology and economic geography, 16455
 - geographic strengths and weaknesses, 18117
 - industry and materials, translations, 3596
 - management, trade, and finance, translations, 3597
 - military, political, and economic policy, present and immediate future—
 - hearings, 7144
 - report, 14387
 - print as House document, reports, 13000, 16099
 - report on hearings, 10244
 - mineral industry, minerals yearbook chapter, 2332
 - people's war, 20th anniversary of victory, commemoration, national policy, etc., 14690
 - political and sociological information, translations, 3590
 - political geography, Chinese study, 14808
 - principal rivers, 4636
 - science and technology, evaluation of comprehensive study, 16460
 - science and technology, translations, 3598

China—Continued

- Communist—Continued
 scientific abstracts, 2768-75
 scientific and engineering manpower, 1949-63, 2478
 strategic survey, bibliography, 11400
 transportation and communications, translations, 3599
 United States and Communist China (address), 8057
 United States policy statement, 11252
 United States policy with respect to mainland China, hearings, 8773
 print additional copies, reports, 10214, 10290
 USSR boundary study, 8065
 water resources, plans and prospects for development, 889
- Republic—
 agricultural commodities, agreement, 9732, 11269
 atomic energy safeguards, application by IAEA for peaceful uses, agreement, 2587
 defense, status of United States armed forces, agreement, 14032
 economic aid, agreement, 5161
 loan of naval vessels, law, 8474
 loan of naval vessels, report, 4172
- China Sea, *see* South China Sea
- Chincoteague National Wildlife Refuge, birds, list, 16305
- Chinese, cooly trade laws, repeal, report, 15910
- Chinese Geographic Society, annual convention, 1963, geomorphology, papers, 13585
- Chinese gooseberries, tariff classification, amend, report, 17318
- Ching-chi yen-chiu (periodical) : translations, 3587
- Chinitz, Benjamin : addresses, etc.—
 Feb. 10, 1966, 5541
 May 19, 1966, 10032
 Sept. 1, 1966, 14322
- Chinn, George M., machine gun, history, etc., 1385
- Chippewa Indians :
 Minnesota Chippewa federally owned lands, hold in trust—
 law, 11568
 reports, 4113, 10313
- Chiroprody :
 podiatrists, employment outlook, 9265
 podiatrists' services, payment under supplementary medical insurance program for aged, report, 17335
- Chiropractors, employment outlook, 9221
- Chirpan, Bulgaria, 40th anniversary of Cotton Institute, 17784
- Chisholm, L. J., report of 50th National Conference on Weights and Measures, 7914
- Chleck, David, development of krypton-85 as universal tracer, 8289
- Chloral hydrates, interaction with some substituted anilines, 933
- Chloroperfluoronitrosoalkanes, action of phosphorus acid esters on chloroperfluoronitrosoalkanes, USSR study, 1011
- Cho Myung Hee, relief, 7075, 11541, 11726
- Cho Myung Soon, relief, 7075, 11541, 11726
- Choate, Grover A., forests in Utah, 4478
- Chocolate, *see* Confectionery.
- Cholera, *see* Hog cholera.
- Cholesterol, total, in human serum, simplified test tube method for analysis, 12640
- Choline, *see* Hemicholinum.
- Cholinesterase :
 activity, determination, USSR study, 16406
 metallic complexes roles in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943
- Cholinolytic drugs, pharmacology and clinical application of central cholinolytics, USSR study, 7612
- Chouman, Yusef A., relief, 14356, 16027

- Choy-Sim Mah, *see* Mah, Choy-Sim.
- Christian social concerns and Great Society, remarks, 10839
- Christianity, effects of Christian religion on people, USSR study, 17768
- Christie, Marjorie B., list of publications, Farmers Cooperative Service, 11908
- Christmas, 5-cent commemorative postage stamp (poster), 16780
- Christmas Island, *see* Australia.
- Christmas trees :
 export from Montana, 1964, 796
 tradition and trade, 11349
- Christol, Carl Q., international law of outer space, 9599
- Chromatographs :
 mass spectrometer-gas, duty-free entry, 375
 subminiaturized gas chromatograph gives fast, efficient analysis, 10993
- Chromatography :
 chromatographic separation, radiochemical water analysis in reactor, USSR study, 14852
- gas—
 analysis for acyl components of neopentyl polyol ester lubricants, 12425
 detector for chemically active materials, 7793
 determination of dissolved gases in sea water, statistical evaluation, 12428
 thin-layer, cleanup and confirmation of identity of pesticide residues, 14113
 thin-layer, spreader for preparation of uniform plates, 8954
- Chromite :
 carbon reduction of chromite, 9377
 chemical grade, disposal from supplemental stockpile, hearing, 570
 metallurgical grade, disposal from national and supplemental stockpiles—
 hearing, 10325
 law, 10066
 reports, 8580, 8749
- Chromium :
 alloy liners for small arms barrels, radiographic and visual soundness requirements, military standard, 11853
 disposal from stockpile, hearing, 570
 mineral industry survey, monthly, 2748
 minerals yearbook chapter, 16355
- Chromium boride, diborides in pseudobinary system TiB_2-CrB_2 electrical properties, 1162
- Chromium oxide, coatings improve thermal emissivity of alumina, 11020
- Chromosomes, structure and function, international symposium, 5030
- Chronic diseases, *see* Diseases.
- Chronic Diseases Division, research grants program, 2539
- Chronic inflammation and tumorous growth, USSR, 9064
- Chrysanthemums, production and sales, etc., 8089
- Chrysomelids, *see* Beetles.
- Chu-yuan Cheng, *see* Cheng, Chu-yuan.
- Chub, fresh and smoked, salt concentration, 7435
- Chubb, Donald L., low density Hall current ion accelerator, 6435
- Chucks :
 device facilitates centering of workpieces in lathe chuck, 12318
 lathe chuck key incorporates safety feature, 11035
- Chudnoff, M., solar drying of tropical hardwoods, 16338
- Chulis, George S., dental visits, time interval since last visit, etc., 8005
- Chung, Kil Ja, relief, 16005
- Chung Woo Lee, *see* Lee Chung Woo.
- Church, Frank, Europe today, 10342
- Church, Richard E., origin and environmental significance of large-scale patterned ground, Donnelly Dome Area, Alaska, 1637

INDEX 1966

- Church, Thomas W., jr., cost of scaling & grading hardwood sawlogs, 10602
- Churches:
and antipoverty program, manpower policy and program, seminar, 17801
brighter vistas, church programs for older adults, 5260
church and state under Communism—
 Communist China, 7220
 Hungary, Czechoslovakia, German Democratic Republic, 7219
 North Korea and Democratic Republic of Vietnam, 8780
 Communist Party and Soviet government's attitude, 7601
 District of Columbia, picketing within 500 ft., prohibit, report, 12084
- Churchill, Winston, *see* Sir Winston Churchill Day.
- Churchward, Philip E., tungsten recovery from low-grade concentrates by amine solvent extraction, 17854
- Churgin, James, International Indian Ocean Expedition track charts, 15232
- Chute, A. Hamilton, retail merchandising and promotion, 12504
- Ciaccio, Eleni B., relief, 384
- Ciardi, John, relevance of the Inferno (lecture), 2306
- Ciardiello, Eligio, relief, 5737, 7020
- Cibecue Ridge, Ariz., juniper and pinyon woodlands, throughfall for summer thunderstorms, 6033
- Cicadelloidea, catalogue, 9792, 12587, 16917
- Cicolani, Luigi S.:
 interplanetary midcourse guidance using radar tracking and on-board observation data, 16686
 linear theory of impulsive velocity corrections for space mission guidance, 7878
- Cigarettes:
 irradiated, pyrolytic products, 5395
 manufacturing, industry wage survey, 4732
 marketing bill, 622
- Cigars:
 Federal excise tax, treatment of State and local taxes for computing, report, 17304
 U.S. cigar leaf tobacco, changed market, 14540
- Cincinnati, Ohio:
 aerial radiological measuring survey of area, 8280
 automobile crankcase ventilation systems, performance, 15293
 commodity transportation, production area series, 9956
 locomotive builders, 1845-68, 9565
 principal electric facilities, map, 7375
 wage survey, metropolitan area, 10871
- Circadian rhythm:
 human system, phase shift and performance deficit during periods of transition—
 East-West flight, 8308, 11446
 North-South flight, 9936
- Circles, fun games for children, guide for parents, 9828
- Circuit Courts of Appeals, uniform civil appellate rules, reports, 14455, 17247
see also Judges.
- Circuit judges, *see* Judges.
- Circuits:
 all-magnetic PCM telemetry—
 feasibility breadboard, 17879
 review of system breadboard, 9409
 automatic gain control circuit handles wide input range, 7765
 communication, tropospheric, transmission loss predictions, 13861-862
 compact SCR trigger circuit for ignition switch operates efficiently, 1222
 complementary monostable, achieve low power drain and high reliability, 10991
 computer, calculates cardiac output, 4843
- Circuits—Continued
 control, maintains unity power factor of reactive load, 16645
 device as hinge and electrical connector for board, 13794
 electric, provides accurate four-quadrant multiplication, 13766
 electronic bidirectional valve, prevents crossover distortion and threshold effect, 16640
 electronic components on circuit board, fixture aids soldering, 9471
 electronic phase-locked-loop speed control system is stable, 12295
 etched, selective electroplating, 1238
 Exclusive-Or logic, useful properties, 12314
 integrated devices for electronic equipment, handbook, supp., 12500
 Laplace-Galois transform in theory of series machines, USSR study, 9154
 low power nanosecond pulse and logic circuits using tunnel diodes, 15168
 operating as sine function generator, 6366
 parallel transistor chopper circuit for improved performance, 7772
 power efficiency greater than 75 percent, design, 6364
 remote preamplifier, maintains stability over wide temperature range, 16646
 ring counter, switches motor direction of rotation, 9453
 rugged microelectronic module package supports circuitry on heat sink, 11037
 sensing circuit protects regulated power supply against overload current, 12330
 simple, performs binary addition and subtraction, 1230
 simple, provides reliable multiple signal average and reject capability, 12322
 simplified circuit corrects faults in parallel binary information channels, 12303
 solid state thermostat has integral probe and circuitry, 9486
 superconducting parallel path, electro-dynamics, 16770
 transistor circuit increases range of logarithmic current amplifier, 13785
 two-light, continuously monitors ac wires, 7808
- Circular, explosion-proof lamp provides uniform illumination, 9468
- Circulars, *see* names of departments, etc., issuing circulars.
- Circulation of blood, *see* Blood.
- Circulation of money, *see* Money.
- Circulatory system, *see* Cardiovascular system.
- Circus, American, 5c commemorative postage stamp (poster), 7984
- CISR, *see* Center for International Systems Research.
- Cities and towns:
 automation and changing cities (remarks), 11115
 beautification efforts of Federal Government, report, 2517
 better cities for tomorrow (remarks), 17733
 center of our society, the American city (remarks), 15261
 city demonstration programs—
 hearings, 8659
 recommendations, message from the President, 5605
 reports, 14388, 17202
 summary of bill, 8664, 13023
 city government finances, 11476
 city government responsibilities to society (remarks), 1970
 city as a teacher, ghetto schools must change (address), 16228
 coastal community, model hurricane plan, 14075
 communities in action, war on poverty, 2776, 8821

Cities and towns—Continued
community adjustment to reduced defense spending, 14207
community advancement, Federal programs, 11347
community employment program, developments, 14568
consumer expenditures and income, 1960-61—
 north central region, 7662
 cross classification of family characteristics, 10855
 northeastern region, 10854
 cross classification of family characteristics, 12207
 southern region, cross classification of family characteristics, 13591
 southern region, supp., 7663
 United States, 6255, 10857
 cross classification of family characteristics, 12208
 western region, 9205
 cross classification of family characteristics, 10856
demonstration cities and metropolitan development act of 1966—
 reports, 13186, 15897, 17241, 17336
demonstration cities program, general information, 14760
design districting, integrating commercial and social aspects of society (remarks), 5555
economic opportunity, future (remarks), 12794
EDA program for building communities with jobs, 1964, 7272
Federal aid to communities, handbook, 11856
Federal services to help communities plan with youth, 60
financial assistance to small towns for water and waste disposal systems, 6769
fire service, future, 16352
focus on clean water, action program for community organizations, 8932
freeways to urban development, 16813
handicapped workers, community assets, 1967 report theme contest, 11th and 12th grade students, announcement, 7650
housing and urban development act of 1965, law with related documents, texts, 510
housing units authorized in metropolitan areas, construction reports, 12705
job corpsmen and women assist neighboring communities, 13260
joint development of urban housing and urban freeways (remarks), 12492
large cities, school library supervision, 7319
laws on urban development, compilation, 1847
loan closing costs on single-family homes in 6 metropolitan areas, 838
local-service airline passengers, letter to mayors (periodical), 3578
mass transportation amendments of 1966—
 law, 15740
 report, 13183
median city, capsule view of social welfare programs, in U.S., 16905
medical care in your community, 11193
metropolitan areas, families and unrelated individuals, 1964 income, 8364
metropolitan areas, population, provisional estimates, 11469, 14274
metropolitan councils of governments, information report, 16915
Neighborhood Youth Corps, better communities through conservation, 16516
new town concept (remarks), 10665
occupational earnings and wage trends in metropolitan areas, 6273, 10880, 16541
open space for urban America, 5204
patient returns to community, guide for voluntary service program, 11306

Cities and towns—Continued
population estimates, large metropolitan areas, 8361
population estimates, largest standard metropolitan statistical areas, 6928
small business problems in urban areas, hearings, 531, 1869, 4147, 15993
soil surveys, community planning and resource development—
 hearing, 17354
 law, 17099
 report, 17207
spending and saving in urban and rural areas, 2293
transportation problems (remarks), 15316
urban agglomeration and its meaning for rural people, analysis, 13263
urban planning assistance program, report, 3468
urban public welfare administration, restructuring, conference, report, 18144
water facilities, inventory 1963, statistical summary, 2540
zoning for small towns, guide, 11857
see also Redevelopment (city planning etc.)—*also* names of cities and towns—*also* subjects.
Citizens' Advisory Council on Status of Women, report on progress in 1965 on status of women, 13426
Citizens Committee, National, *see* National Citizens Committee.
Citizens of United States:
 citizens abroad—
 tax guide, 2125
 tax return filing requirements, 2127
 community organization for participation in voluntary democratic associations, bibliography, 1396
Citizenship:
 becoming a citizen series—
 our American way of life, 2110
 our Government, 4543
 our United States, 6051
 teacher's guide, 4544
 Federal textbook, English, home, and community life, home study course—
 for helper, 7502
 for student, 7503
 Federal textbooks on citizenship, 2110, 4543-44, 6050-52, 7502-4
 charts, 6053
 publications, price list, 1407
 records in National Archives, 7906
 see also Naturalization.
Citizenship Day, bulletin, 16367
Citric acid, nonhazardous acid etches weld samples, 15108
Citrus fruit:
 consumer purchases of fruit, juices, drinks, and other products (periodical), 2794
 Florida cooperatives, pooling after 1962 freeze, 14142
 foreign agriculture circulars, 2987
 industry, Greece, 8950
 prices and market structure in Lower Rio Grande Valley, Tex., 8148
 production, use, value, by States, 1964-65 and 1965-66, 16869
City halls and emergency operating centers, 3965
City of Clinton Bridge Commission, act creating, revive, etc. law, 12825
City planners, employment outlook, 9286
Civics teachers, advanced study, national defense institutes, manual, 5877
Civil Aeronautics Board:
 annual report, 5505
 applications, etc., filed with CAB, 2682
 appropriations 1967, hearings, 8651, 13193
 economic regulations, 6945, 14284
 letter to mayor of each city with local airline service (periodical), 3578
 nomination of Whitney Gilliland, hearings, 4215
 orders, economic, E series, 3300

INDEX 1966

Civil Aeronautics Board—Continued
point of view, airline industry (remarks), 9979
press releases, 3348
procedural regulations, PR series, 3418
publications, list, 3953
REA Express, research collaboration, staff study, 4583
regulations, 283-284, 3459, 3955-56, 5507, 9981, 11488, 12738, 15615
economic, ER series, 2875
regulatory responsibilities for air transportation (remarks), 15617
reports, economic and safety enforcement cases, 6944
safety investigation regulations, rules pertaining to aircraft accidents, etc., 14287
special regulations, 8382, 14288
United States air carriers, list, 5506, 14285
weekly summary of orders and regulations, 3702

Civil Air Patrol, air reservist (periodical), 2661

Civil air regulations, *see* Aeronautics.

Civil aircraft, *see* Aircraft.

Civil aviation, *see* Aeronautics.

Civil defense, *see* Civilian defense.

Civil Defense Office:
annual report, 6952
annual statistical report, 6953
civil defense management course, self-teaching materials, nuclear weapons effects, 17030
FG series, 289-290, 6958, 12741-742, 14289, 15621-622, 17023-26
handbook series, 5510, 8383, 9987, 15623, 17027-28
information bulletin, 3063
instructor's guide IG series, 8384, 15624
leaflets, 11491, 14290
miscellaneous publications MP series, 5511, 8385, 12743-744, 17029
national fallout shelter survey, phase 2 printout, self-teaching materials for reading, 17031
publications index, 5511
student manual SM series, 8386, 11493, 12745, 15625, 17030-31
technical memorandum, 1747, 5513, 12746, 14291
technical reports, 3965, 5514-15, 12747, 14292, 17032

Civil Engineer Corps, Navy, 100th anniversary, commemorative medal, reports, 17322, 17549

Civil engineering:
Air Force manual, 12619
Navy design manual, changes, 6707

Civil engineers:
Air Force (periodical), 2658
employment outlook, 9236
Navy civil engineer (periodical), 3253

Civil liabilities, soldiers' and sailors' civil relief act, as amended, text, 1872

Civil procedure:
actions by Indian tribes in district courts, remove limitation—
law, 17127
reports, 17236, 17482
civil action venue amendment, report, 15885
District Courts, rules, amendments adopted by Supreme Court, 7061
District Courts, rules as amended, 13051
imparting or conveying false information, reduce existing penalty, report, 1913
judicial proceedings in handling of savings bonds, some legal aspects, 2549
U.S. Courts of Appeals, uniform civil appellate rules, reports, 14455, 17247

Civil Reserve Air Fleet:
military airlift—
hearings, 10230
special subcommittee report, 10231

Civil rights:
achievement of human rights (addresses), 13587, 16511
act of 1964—
amend to provide grants, etc., to school boards, hearings, 13226
equal employment opportunities for women, 844
interpretations issued, etc., by Equal Employment Opportunity Commission, digest, 14582
legislative summary, 833
sex discrimination in employment, 6702, 15430
title 6, desegregation of health and welfare services in the South, survey, 5516
title 7, facts, 1996, 17639
act of 1966—
hearings, 14493
report, 12929
Christian social concerns and Great Society (remarks), 10839
civil status of women, 1562
community relations functions—
reorganization, disapprove, hearings, 7216
reorganization, message from the President, 4073
reorganization plan, hearing, 7149
reorganization, reports, 8566, 8731
Federal agencies with primary responsibilities, 4327
housing, education, etc., hearing before Civil Rights Commission, 14293
Labor Department, primary responsibilities, 4327
legislation to make authority against violence clear and sure, enactment, proposal, message from the President, 8509
miscellaneous proposals, hearings, 11671, 14493
school desegregation plans, revised statement of policies, 5882
guidelines, summary, 5875
schools, Southern and border States, desegregation survey, 1965-66, report, 6960
tragic gap between half-truth and ultimate honesty of civil results (address), 10838
voting rights act of 1965, first months, 1749
White House Conference "to Fulfill these Rights"—
council's report and recommendations, 11322
report, 15429
speeches, 12567
see also Privacy.

Civil Rights Commission:
appropriations, 1967—
hearings, 15955, 17567
reports, 15938, 17539
hearing, 14293
hearings on administration of justice, 1748
press releases, 3349
publications catalog, 14294
special publications, 6959, 11494
survey of school desegregation in Southern and border States, 1965-66, report, 6960

Civil service:
adverse action, law and regulations, FPM manual, supplement, 2946
annuitants, 65 or older, you are eligible for medicare, 5146
career opportunities—
agricultural marketing research, 3760
Budget Bureau, 15560
chemistry, mathematics, metallurgy, physics, 5519
Commerce Dept., 7001
economists, 295, 14304
futures in Federal Government, 6973

Civil service—Continued

career opportunities—continued
Housing and Urban Development Dept., 7500
Internal Revenue Service, career and sense of purpose, 4559
resource management, forestry, administration, minerals, etc., Land Management Bureau, 12227
safety officers, Army Department and other Federal agencies, 8389
wage-hour investigator in Labor Dept., 12557
careers, scientific—
agricultural engineering research, 1592
animal disease and parasite research, 53
soil and water conservation research, 1591
civil service journal, 2750
examination announcements—
accountant and auditor, 17036
amendments, 3967, 8388
aerospace technology positions, amdt., 5517
agricultural commodity grader meat, amdt., 15627
agricultural extension specialist, amdt., 15627
agricultural market reporter, 15626
agricultural marketing specialist, 15626
agricultural statistician, amdt., 15627
agricultural statistician, trainee, 3986
amendment showing new salary rates for positions in Federal government under general schedule, 302
anthropologist, 12758
auditor, 1751, 8392, 17037
auto mechanic, supervisor, 9993
bank examiner, 294
biochemist, discontinuance notice, 3978
biologist, discontinuance notice, 3978
carpenter, supervisor, 9993
cartographer, 14298
cartographer, trainee, 298
change of jurisdiction of Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 9991, 11495
chemist, mathematician, physicist, engineer, metallurgist, amendment, 14302
chemist, trainee, 298
criminal investigator, 3974
suspension notice, 5522
crop insurance fieldman and supervisor, amdt., 15627
current, 299-300, 1753, 3975-77, 6966-67, 8394-96, 12752-754, 14305, 15629, 17039
digital computer specialists, computer programmer, computer systems analyst, 12755
digital computer systems operator, 9989, 14300
amendment, 3969
economics, careers, 296
economist—
amendment, 14304
discontinuance notice, 1754
electrician, supervisor, 9993
electronic technician, amdt., 293, 8391
employment service adviser, 6962, 10001
engineer, 8390
engineer, trainee, 298, 1752
engineering and scientific technician, suspension notice, 14312
engineering technician, amdt., 293, 12750
entomologist, 14307
equipment specialist, 3973
automotive positions, amendment, 9990
farm credit examiner, amdt., 15627
farmers, discontinuance notice, 8397
Federal administrative and management positions in administration, management, staff services, technical services, 1763

Civil service—Continued

examination announcements—continued
Federal service entrance examination, 6969, 14310
fireman, District of Columbia, 11498
fishery biologist, 9994
foresters, 3980
geodesist, 14295
geologist, 6974
geophysicist, 14296
guidance counselors, 15630
health scientist administrators and grants associates, 8402, 9995
hearing examiner, amendment, 3968
home economist, 1757
immigration patrol inspector, 11497
librarian, 5518
machinist, supervisor, 9993
mathematical statistician, amdt., 14303
mathematician, trainee, 298
medical officer, amdt., 292
medical technologist, 6976
meteorologist, 14299
mineral specialist, amdt., 17034
minimum pay amendment, 8387
minimum pay announcement, 291
oceanographer, trainee, 298
office and science assistant positions, summer jobs in '66, 311
office assistant, 17048
clerical and office machine operators, 6972
offset pressman, discontinuance notice, 8399
operations research analyst, 6977
amendment, 12749
painter, supervisor, 9993
pathologist, forest and forest products, 14307
photographers, suspension notice, 3985
physicist, discontinuance notice, 3978
physicists, trainee, 298
plumber, supervisor, 9993
positions at certain grades, amendment, 3966
postmaster, 3970-72, 15628
printer-proofreader, 9988
printers, monotype keyboard operator, slug machine operator, hand compositor, amendment, 9988
program specialist and adviser, 11496
suspension notice, 17049
psychologists, 9992
radio announcers, 6975
radioisotopes scientist, etc., 8404
range conservationist trainee, 1752
resident in hospital administration, 3987
resident youth worker, 15634
safety officers, amendment, 17033
savings and loan examiner, discontinuance notice, 14306
science assistant, 17048
scientific positions, 5521
scientist administrator, discontinuance notice, 8398
sheetmetal worker, supervisor, 9993
social administration adviser, 6962, 10001
social insurance research analyst, 6962, 10001
social workers, 12751
soil conservationist trainee, 1752
soil scientist trainee, 1752
statistician and survey statistician, amdt., 14303
statistics, careers, 297
stenographer and typist, 9999-10000, 17047
stenographer-typist, amendment, 6971
summer jobs, Postal Field Service, 3982
surveying aid, 14301
teachers (Job Corps, vocational subjects), 15630
technical aids in science and engineering, 11501
amendment, 14297

INDEX 1966

Civil service—Continued

examination announcements—continued
 telephone operations and loans, field representative, discontinuance notice, 5520
 telephone operator, 11500
 trades and crafts, equipment operation and repair, at journeyman and junior levels, and for blue collar helper, 17035
 veterinarian, 3988
 warehouse examiner, 5523
 welder (combination), supervisor, 9993
 wildlife biologist, 9994

examinations—

Federal service entrance—

Labor Dept. requirements, questions and answers, 4698
 preparation for, 15633
 instructions to applicants, postmaster, 4th class, 15631
 places where held, 307
 sample questions, 309, 3983-84, 8403, 17046

Federal jobs overseas, 1760

Federal personnel, fund raising for voluntary health and welfare agencies, manual, 3178, 17043

changes, 1756, 6968, 11499

Federal personnel manual, 2943

supplements, 2944-51, 17041

Federal workforce outlook, 3979

handbook, 17038

handbook of occupational groups, etc., 3033

handbook 118C, transmittal sheet, 6964

handbook, qualification standards for classification act positions, 17038

handbook X-118, 3435

handbook X-118B, 303, 308, 1762, 3436

handbook X-118C, 3437

investigation, extension, report, 4165

job opportunities, local and regional examinations, 1758, 6970, 8401, 12756, 14311, 17042

~ laws, Executive orders, rules and regulations, FPM manual supplement, 2950
 medical certificates, reviewing and acting on, 2945

national emergency standby regulations and instructions, personnel and manpower, FPM supplement, 17041

opportunities for returning Peace Corps volunteers, 15632

our commitments in Federal recruiting (address), 1759

position-classification standards, 3329

processing personnel actions, 2944

publication providing useful information on working for Uncle Sam, 2520

qualification standards—

classification act positions, 3435

postal field service, 303, 308, 1762, 3436

wage board positions, 3437, 6964

retirement act, amend to grant credit for service with North Carolina, hearing, 11677

supergrade positions, increase quota—

hearing, 11678

law, 17125

reports, 10220, 15917

thinking about your first job? remember Uncle Sam, 17044

veterans preference—

in employment, handbook for counselors, 17045

to civil service examination announcements, amendment, 6961

your civil service, 12757

working for U.S.A., applying for job, etc., 9997

see also Civil service pensions—Classification—Government officials and employees.

Civil Service Commission:

ADP Management Training Center, establishment, 1750

Civil Service Commission—Continued

appropriations, 1967—

amendment, 11698

hearings, 8651, 13193

commissioner, nomination of John W. Macy, jr., hearing, 10366

current workforce data, as of Dec. 1964, 301

interagency training programs, 9996

pamphlets, 1760, 6973, 9997-98, 12758, 15632, 17044-45

position classification, basic training course—

administration and operations, 306

classification process, 305

fundamentals and Federal plan, 304

report, 1965—

departmental edition, 6963

document edition, 7056

severance pay benefits, regulations, advance edition, 5703

training activities, hearing, 17379

Civil service pensions:

annual report, 6965

annuities of reemployed annuitants, re-determination—

hearing, 5822

law, 7042

report, 8722

Comptroller General, election to continue in system—

law, 15710

reports, 11777, 15844

credit Federal-State service for retirement, hearing, 17596

filing designation of beneficiaries—

law, 7037

report, 5790

Government claims, permit recovery, amend retirement act—

hearing, 5822

report, 1821

increasing annuities, law, 416

retirement act, amend relative to Botanic Garden employees, coverage—

law, 15771

report, 17476

retirement act, lump-sum payment, define term child—

hearing, 5822

law, 10058

report, 8723

retirement and disability fund, 1964, report, 8504

retirement benefits—

FPM manual supplement, 2947

increase, legislation, clarify, report, 1822

preservation for holders of congressional staff fellowships—

law, 7043

reports, 1844, 5789

staff retirement act amendments of 1966, 7160

survivors of reemployed annuitants, computing annuities, reports, 14465, 17261

Civil service retirement and disability fund, see Civil service pensions.

Civil War Centennial Commission, 100 years after, newsletter, 3293

Civil War, 1861-65:

catalog of books in Army Library, 5257

official records of Union and Confederate Armies, guide-index, prospectus, 14313

Civil works, see Public works.

Civil Works Study Board, report, 11830

Civilian defense:

act of 1950, extend emergency authority of the President—

law, 15705

report, 15861

activities, appropriations, 1967, hearings, 8651

adult education course, personal and family survival—

student manual, 12745

teachers manual, 11884

Civilian defense—Continued

Alaska earthquake, 1964, emergency operations, preliminary report, 8385
background, and current damage limiting studies (speech), 14292
CD newspictures, 2734
city halls and emergency operating centers, 3965
civil defense duties of population and rules of conduct under conditions of enemy attack, USSR study, 886
civil defense information for food and drug officials, 7446
Civil Defense Office information bulletin, 3063
civil defense survey, crew leaders handbook, 11461
Congressional testimony on civil defense, 89th Cong., 2d sess., excerpts, 12744
defense against weapons of mass destruction in rural area, USSR study, 973
disaster preparedness, orientation manual for pharmacists, 5107
emergency feeding, 17023
emergency lodging, 12741
emergency mass feeding, basic course, 17028
emergency welfare registration and inquiry, manual, 17024
fallout shelter analysts, national directory, 14289
Federal buildings, guide for facility self-protection, 5094
Federal civil defense guide, 1745-46, 3963-64, 5509, 6954-57, 9983-86, 12739-740, 15619-620, 17020-22
Federal contributions available to State and local governments, 11491
Federal stockpile inventory, report, 2640
Federal surplus personal property acquisition, 9027
FG series, 289-290, 6958, 12741-742, 14289, 15621-622, 17023-26
handbook for emergencies, 9987
health mobilization training literature, available list, 7996
if disaster strikes and there is no doctor, medical self-help training, 5109
industrial civil defense workbook, 1st steps to company survival, 290, 17025
industrial defense planning manual, iron and steel industry, 1770
industrial management, business and industrial executives special instructions, 17026
industrial mutual aid associations for civil defense, handbook on how to organize, 12742
industrial, protection of vital records, 15622
industrial seminars, handbook on how to plan, organize, etc., 289
medical self-help promotional materials, list, 2532
medical stockpile managed by PHS, achieving greater utilization, GAO report, 6001
motion picture catalog, 17029
national and State, policy resolutions of AFL-CIO, change, 5312
nuclear weapons, defense against, USSR study, 2173
preparedness in electric power industry, 11855
professional development services to aid in providing fallout shelters, 14290
program planning and development, self-teaching materials, 15625
radioactive fallout on farm, 33
radiological defense, planning and operations guide, student manual, 11493
realistic approach, school administrators handbook, 11492
schools built with fallout shelter, 5515
schools, current status with guidelines for action, 12743

Civilian defense—Continued

State salary ranges, 836
State salary ranges of positions in emergency planning, 10657
student manual SM series, 8386, 11493, 12745, 15625, 17030-31
successful meetings that move to inform, stimulate, etc., guide, 8383
surplus property utilization—
hearings, 15972
report, 17346
Civilian employees, *see* Defense Department.
Civilian workers, *see* Government officials and employees.
Civilians:
Air Force careers, from quadrangle to Pentagon, 6800
American, who are fighting shirtsleeves war in Vietnam, 17745
civilian personnel pamphlets, 6828-29, 11394
DSA career program for supply management, 8306
Cladocera, *see* Water fleas.
Clague, Ewan, technological change and employment, 7676
Claiborne County, Tenn., geology and mineral deposits of Powell River area, 13400
Claims:
admiralty, settlement, amend law, report, 1912
Census Bureau employees, arising out of taking 1960 decennial census, Secretary of Commerce to settle, report, 12953
collection of claims of U.S., avoid unnecessary litigation—
hearing, 11670
law, 12633
reports, 10156, 13128
congressional reference cases, reporting, amend U.S. code—
damages to property, etc., proposed supplemental appropriations to pay, 7069, 8690, 17172
law, 17147
report, 16155
disposition by VA regional offices, 11687
District of Columbia, escheat cases, settlement by commissioners, remove dollar limit on authority, report, 15871
establish statute of limitations for certain actions brought by Government—
hearing, 11670
law, 12830
reports, 10157, 16087
Government, permit recovery from civil service retirement fund—
hearing, 5822
report, 1821
Hoopa Valley Indians, rights to share income from resources of unallotted lands, 12883
international claims settlement act of 1949, amend—
hearing, 17377
report, 17290
land scrip rights, etc., satisfaction, amend act, hearings, 13044
Ryukyu Islands, inhabitants, payment, law, 398
tort, arising in foreign countries, administrative settlement by VA, law, 402
tort claims act, amend to authorize increased agency consideration—
hearing, 11670
law, 12831
reports, 10155, 16086
treble damage, income tax, treatment of payments under antitrust laws, staff study, 535
United States nationals against Chinese Communist regime, determination—
hearing, 17377
report, 17290
United States nationals against Cuba, text of act, regulations, etc., 4434

INDEX 1966

Claims—Continued
 veterans, treble-damage action, extend to direct loan and insured loan cases—
 law, 17119
 reports, 10129, 16142
 war claims act, administration, investigation—
 extension, report, 10295
 report, 5780
see also Unemployment insurance.

Clain-Stefanelli, Elvira E.:
 Italian coin engravers since 1800, 2465
 numismatics, an ancient science, 5039

Clam chowder, cybernation, and collective bargaining (remarks), 5036

Clamps:
 calibrated, facilitates pressure application, 6385
 cylindrical claw, has quick release feature, 11007
 fixed vacuum plates for machining styrofoam, 13232
 lifting, positively grips structural shapes, 10989
 resilient, holds fuel cell stack through thermal cycle, 4870

Clams:
 certified shippers, list, 2742
 commercial, North American Pacific Coast, 10525
 North Pacific, sanitation, joint seminar, proceedings, 13984
 what you should know about them, 2545

Clapp, Norman M., remarks, Feb. 15, 1966, 8011

Clapp, Raymond F., drug purchase problems and policies, 11321

Clarinda, Iowa, airport, permit leasing of portion of property, hearing, 17382

Clark, Charles B., papers on weather radar, atmospheric turbulence, spheres, and data processing, 1536

Clark, Daniel C., airborne simulator conceptual design report, 16591

Clark, George, problems in aerial application, comparison of effects of dieldrin poisoning in cold-adapted and room-temperature mammals, 11447

Clark, Joseph S., 18-nation disarmament conference, report, 11804

Clark, Kenneth B.:
 address, July 18, 1966, 16854
 social and economic implications of integration in public schools, 1081

Clark, Lenwood G., thermal behavior of orbiting space station, 17920

Clark, Louis E., performance of 5 ablation materials as coatings for structures in region of separated flow, 1261

Clark, Paul D., Atlantian, 2697

Clark, Samuel K., force-deflection characteristics of aircraft tires, 9413

Clarke, Garry K. C., seismic survey, north-west Greenland, 15509

Clarke, James W.:
 bibliography of North American geology, 14748, 16357
 geophysical abstracts, 3020

Clarke County, Miss., soil survey report, 6616

Clary, Warren P., grouping sites by soil management areas and topography, 13362

Clasen, Raymond A., reserpine therapy in cerebral edema, 3795

Class struggle, classes and class struggle in Turkey, USSR study, 14898

Classification:
 act, amend to increase quota of supergrade positions—
 hearing, 11678
 law, 17125
 reports, 10220, 15917
 act of 1949, qualification standards, 17038

Classification—Continued
 Army, enlisted personnel—
 differential tests for ACB (army classification battery), evaluation, 1673
 electronics information, tests, 5377
 decimal, additions, notes and decisions, 2842
 documents, information topics by clustering interest profiles for computer programming, 5323
 economics, information, USSR study, 952
 English texts, non-projective structures to construct machine-grammar, USSR study, 16448
 Government publications available to depository libraries, 15264
 Library of Congress—
 additions and changes, quarterly list, 3105
 class D, general and Old World history, 7682
 class J, political science, 13652
 class P, subclass P-PM supplement, index to languages and dialects, 4740
 class P, subclass PB-PH, modern European languages, books, etc., 6276
 class P, subclass PJ-PM, Asia, Africa, Oceania, America, languages and literatures, 4741
 class P, subclass PT, German literature, 10891
 class S, agriculture, etc., 1100
 class V, naval science, 6277

Navy, enlisted personnel manual, 7964

Navy officer, manual, cross reference index, 5063

patent systems, development and use, 9606

position, basic training course—
 administration and operations, 306
 classification process, 305
 fundamentals and Federal plan, 304

Soviet, universal classification table, some principal divisions, 14878

universal decimal classification system, USSR study, 12092

see also Government officials and employees—*also* names of substances, objects, etc., classified—*also* subjects.

Classification bulletins, Patent Office, 6559-60, 9604, 11166

Classification tests, *see* Aptitude tests.

Classified matter, *see* Confidential material.

Classroom training cards, *see* Training cards.

Clastic sedimentation in Deep Springs Valley, Calif., 817

Clay, Eleanor W.:
 bimonthly list of publications and motion pictures, 2706
 list of available publications of Agriculture Department, 6054

Clay:
 census of mineral industries, 1963, industry statistics, 12702
 construction products, current industrial reports, 2817, 5474, 12710
 1965 summary, 17006
 performance of soils under tire loads, tests through Nov. 1962, 8865
 products—
 census of manufactures, 1963, manufacturing plants, location 11455
 commodity transportation survey, shipper series, 217
 soft clay soils, tests with CH-47A Chinook helicopter, 4337
 structural clay products, census of manufactures, 1963, industry report, 3897

Clayton, L. Yvonne, homemakers use of and opinions about selected fruits and fruit products, 15449

Clayton act, *see* Monopolies.

Clean air act, *see* Air pollution.

- Clean rivers restoration act, *see* Water pollution.
- Clean room and work station requirements, controlled environment, Federal standard, 16289
- Cleaning:
contract services, industry wage survey, 12220
eggs, bacteriological, chemical, and physical requirements, 6759
equipment and supplies, Federal item identification guides for supply cataloging, supplements, 2937
plants, census of business, 1963, laundries, cleaning plants, related services, 203
products, census of manufactures, 1963, industry report, 5442
services, custodial, military standards, 11852
ultrasonic, restores depth-type filters, 13735
see also Dry cleaning.
- Cleaning compounds, aggressive formulations for use on corroded equipment, surface chemical methods, 1376
- Clearinghouse for Federal Scientific and Technical Information:
fast announcement (periodical), 2913
industrial referral service, 1764
press releases, 3350
scientific documentation sponsored by NSF, price list, 7912
special announcements concerning research reports, 3529
- Clearinghouse for Research in Child Life, 12734
- Clearwater National Forest, history, 7450
- Cleft palate, research explores, 16799
- Clemens, George W., jr., feasibility study of communications satellite for deep-space monitoring, 2435
- Clement, Wendell E., effect of different levels of promotional expenditures on sales of fluid milk, 4280
- Clements, Sam D., minimal brain dysfunction in children, terminology and identification, 11109
- Cleomedes, LAC 44, lunar chart, 6802
- Clergy:
hospital ministry, theological roots (papers), 16895
Protestant clergy, Rabbis, Roman Catholic priests, employment outlook, 9222
social security, brief explanation, 1474
Soviet clergyman attacks U.S. action in Dominican Republic, 14904
- Clerical workers, *see* Clerks.
- Clerks:
examination announcement, 6972
office clerical, pay, survey, Feb.-Mar. 1965, 2303
see also Disbursing clerks—Shipping clerks.
- Cleveland, Ohio:
area wage survey, 2299
commodity transportation survey, production area series, 8344
economic level, changes, 1960-65, in 9 neighborhoods, 15591
principal electric facilities, map, 7375
- Cliff, Edward P., forest patterns, beauty and use, 1599
- Cliff, Roger A.:
power switching in digital systems, 13814
stored program computer for small scientific spacecraft, 17917
- Clifton, N.J.:
area wage survey, 16530
commodity transportation survey, production area series, 8342
- Climate:
and cardiovascular pathology, USSR study, 4622
climatic factors affecting racial variation in slash pine, 16339
- Climate—Continued
climatic maps of United States, 1995, 4345, 5893-97, 8866
selected compilation, 7342
climatography, California, 13299
climatography of United States, climatic summaries of resort areas, 5898-99, 10447, 11900, 13299
climatological data—
by States, etc., 2751
local, 3163
national summary, 2752
climatology of noctilucent clouds according to observations performed, during IGY, 2445
Colorado Rockies high mountain pass, 4475
Hot Springs National Park, 11900
is it possible to influence, USSR study, 14797
modification, report, 16742
monthly data for world, 3210
Navy marine atlas, Antarctic, 9600
Climatic atlases, *see* Atlases.
Climatography, *see* Climate.
Climatology, *see* Climate.
Climch-River and Valley, economic and resource development, summary, 2603
Cline, Garner J., immigration and nationality act with amendments, etc., 10254
Clinical Center, National Institutes of Health, current clinical studies and patient referral procedures, 18001
Clinical medicine, *see* Medicine.
Clinical medicine (USSR periodical):
translations, 14827
Clinical pharmacology, *see* Pharmacology.
Clinical psychologist, *see* Psychologists.
Clinical Spinal Cord Injury Conference, 1964, proceedings, 6657
Clinics:
ambulatory polyclinical care, development in RSFSR, 7551
outpatient psychiatric—
United States, facilities 1964, list, 13974
United States, staff and man-hours data, 13981
problems of allergy in clinical practice, USSR study, 9100
Veterans Administration to contract for scarce medical specialist services, report, 10126
Clinton, Iowa, bridge across Mississippi River, revive act, etc., law, 12825
Clinton, N.C., District Court, eastern district, term to be held, law, 421
Clinton County, Pa., soil survey report, 16835
Clinton Engines Corp., President's E award for export excellence (remarks), 10035
Clock-pulse generators, multiphase, uses simplified circuitry, 1228
Clocks and watches:
census of manufactures, industry report, 3904
commodity transportation survey, shipper series, 5453
dutiable status of imports from insular possessions, amend tariff schedules, hearing, 13208
transistorized digital clock with serial binary-coded readout, 16765
watch movements, Tariff Commission report, 6669
watch repairmen, employment outlook, 9289
watches, watch movements, etc., Tariff Commission report, 11290
Close, Kathryn, children, interdisciplinary journal for professions serving children, 2747
Close, Richard T., numerical analysis of Pierce-type electron guns, 16760
Close air support, 4121-22
Closed-basin investigations (series), 9018
Closed drainage of chest, programed course for nurses, 9623

INDEX 1966

Closed loop operation eliminates need for auxiliary gas in high pressure pumping station, 16631

Closing the gap in social work manpower, 6046

Clostridium botulinum, *see* Botulism.

Closures:
for containers, current industrial reports, 2817, 11463
movable or removable, classification bulletin, 11166
single service, for milk and milk products, fabrication, sanitation standards guide, 15278

Cloth, *see* Textiles—*also* names of textiles.

Clothes moths, protecting woollens against, 9819

Clothing:
and individual equipment, Federal item identification guides for supply cataloging, supplements, 2939
apparel and related products, census of manufactures, 1963, manufacturing plants, location, 12698
apparel industry, employment outlook, 9293
apparel survey, 1964, current industrial reports, 5473
children's, in Italy, foreign market survey, 1692
cold water tests of USAF anti-exposure suits, 76
men's and boys' apparel—
census of manufactures, 1963, industry report, 6893
retailing, bibliography, 2557
men's apparel, current industrial reports, 2817
miscellaneous apparel and accessories, census of manufactures, 1963, industry report, 6895
programs, pattern alteration, guide for leaders, 1586
protective, permeability to insecticidal phosphoric-acid derivatives, East German study, 1037
quality assurance information handbook, 16207
repairs, 39
self-contained clothing system provides protection against hazardous environments, 9492
soldiers', individual care and use, field manual, 3821
textile & apparel technology program, 1301
women's apparel, current industrial reports, 2817
young people's use and appraisal of natural and competing fibers in wearing apparel, 14144

Clothing stores, *see* Stores.

Cloud modification, *see* Weather control.

Cloud seeding, *see* Weather control.

Clouds:
cloud system with circulation role of Kutta-Joukowski force, 12563
convective, artificial modification, results of radar observations for evaluating success, USSR study, 10784
data from meteorological satellites, interpretation and use, USSR study, 2197
data obtained with meteorological satellites, aspects of interpretation and use, USSR study, 911
high-level mesovortex, characteristics, USSR study, 14875
noctilucent, climatology according to observations performed during IGY, 2445
nuclear explosion cloud development studies, 15538
numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795
supercooled small-drop clouds, calculation of processes caused by introduction of ice crystals in, USSR study, 1067—

Clouds—Continued
television photography, meteorological satellite data, catalogue—
ESSA I, 14580
TIROS VII, 1535, 8867
TIROS VIII, 5900, 14579
TIROS IX, 11902
warm, statistical theory of microphysical mechanisms of formation of precipitation, Communist China study, 6199

Clough, Gerald W., embankment pore pressures during construction, 10446

Clough, Nestor, dimple, etc., characteristics in aluminum, columbium, and steel plates under hypervelocity impact, 12350

Clover, *see* White clover.

Clover mites, control, 1588

Clubs, *see* 4-H clubs.

Clutches (machinery):
diaphragm spring gives clutch over-center toggle effect, 15094

Clutter, Robert I, Fishery-Oceanography Center, La Jolla, Calif., 2038

Clyma, Wayne, water resources in high plains of Texas and New Mexico, 5266

CM series, 2049, 5968, 8946, 10545

CMC, *see* Sodium carboxymethylcellulose.

Coal:
analyses of tippie and delivered samples, 12250
anthracite, Pennsylvania—
distribution, 1964–65 coal year, 2317
mineral industry surveys, weekly, 3318
anthracite, solid specimens, electrical resistivity, method for determining, 10926
bituminous and lignite, minerals yearbook chapter, 2316
carbonization, light oils from fluidized carbonization, 6312
chemicals, mineral industry survey—
monthly, 2757
1965 advance data, 14998
chemicals, minerals yearbook chapter, 1106
coking-coal deposits of western United States, 10633
combustion, atmospheric emission, inventory guide, 13961
direct determination of oxygen in coal, 9375
distribution of minor elements in coals of Appalachian region, 13393
forms of sulfur in U.S. coals, 15010
foreign trade reports, 3641
handling, Air Force manual, 12619
hydraulic transport, 7712
industry, Boulder-Weld coalfield, analysis, 6318
international trade, monthly inventory, 3075
its future and conversion into other fuels (remarks), 15635
Kukpowruk River area, Arctic northwestern Alaska, sampling and coking studies, 12240
Livingston field resources, Gallatin and Park Counties, Mont., 12025
Mines Bureau, 1964, research and technologic work, 1112
Mines Bureau program, 1965, review, 16559
minor elements in American coals (series), 13393
Mongolia, industry, USSR study, 14865
new look at coal (remarks), 9366
Pittsburgh-bed, Lurgi gasifier test, 4799
Pocahontas and Pittsburgh seam, rates of adsorption of methane, 9373
powdered, coal-water slurries, flow properties, 2352
preparation characteristics—
Barbour County, W. Va., 4792
Buchanan County, Va., 6325
Webster County, W. Va., 15026
preparation, caking in fluid bed, 10931

Coal—Continued

products—
 census of manufactures, 1963, manufacturing plants, location, 12700
 commodity transportation survey, shipper series, 214
 reaction in argon and argon-hydrogen plasmas, 15030
 report, weekly, 3697
 research organizations, worldwide activities and publications, 7686
 reserves, Kermit and Varney area, Ky., 9019
 resources—
 Beluga-Yentna region, Alaska, 14746
 Flat Rock area, Jackson County, Ala., 13680
 solvent processing to produce de-ashed product, 312
 steam as coal dewatering aid during vacuum filtration, pilot plant study, 4798
 subbituminous, influence of continuous carbonization method, etc., on pyrolysis products, 16583
 sulfur reduction in Appalachian region coals by stage crushing, survey, 6288

Coal dust:
 and methane mixtures, equivalences at lower quenching limits of flames, 9381
 control in mines, theory and practice, USSR study, 12143
 explosion, thermal phenomena during ignition of heated dispersion, 13695
 incendiarity of explosives to, improved method for evaluating, 16573

Coal lands:
 railroad leasing limitations, repeal—
 hearing, 13219
 report, 13167

Coal mines and mining:
 acid water, application of saline water conversion processes, 16374
 anthracite, census of mineral industries, 1963, industry statistics, 6916
 anthracite mining industry, 1930-66, wage chronology, 16535
 bituminous coal mines, 1933-66, 1091
 chemical and physical properties of spoil banks in eastern Kentucky coal fields, 5990
 continuous borer, use in mining pitching anthracite beds, 9380
 hydraulic mining research, steeply pitching coalbed, 1159
 injuries and employment, monthly report, 2753
 injury experience, analysis of safety factors, etc., 4756
 longwall mining, challenge, 8313
 Mines Bureau program, 1965, review, 16559
 Pennsylvania anthracite mine, longwall mining, use of shearer loader, 7713
 refuse, ignition and control of burning, 9379
 stoppings for ventilating, 4793
 strip and surface mining study, report, 16379
 strip-mine areas, secondary backfilling, 7717
 strip-mine reclamation, digest, 10614
 underground bituminous mines, performance characteristics of common jute line brattice, 6317
 USSR, dust control, theory and practice, 12143
 see also Coal lands—Mine accidents—
 Mine drainage—Mine ventilation.

Coal Research Office:
 annual report, 12761
 appropriations, 1967, hearings, 7113
 press releases, 3351
 research and development report, 312

Coalition governments:
 anatomy of Communist takeovers, study, 14497
 coalition governments and Communist Party in Soviet Union and Eastern European countries, study, 8783

Coast and Geodetic Survey:
 aeronautical charts and related publications, catalog, 6980
 engineering responsibilities, 11502
 magnetograms MHV series, 5525-28, 10003
 members serving with Air Force, provide same status as those serving in Army and Navy, hearings, 8674
 nautical chart catalog—
 Atlantic and Gulf Coasts, Puerto Rico, and Virgin Islands, 6988
 Pacific Coast, Hawaii, Guam and Samoa Islands, 6989
 press releases, 3352
 products and services, 15637
 products and services as related to economic activity in U.S. continental shelf regions, 10002
 program in Alaska, Mar. 27-Dec. 31, 1964, operational phases, 12763
 publications, 314, 3991-93, 5529, 6981-83, 12763, 15637
 research paper, 12762
 seismic sea-wave warning (posters), 5524, 5536
 technical bulletins, 315, 3994, 10004
 11504, 14314, 17050
 uniformed services, joint travel regulations, 1962

Coast Guard:
 appropriations for vessels, etc., authorization, 1967—
 hearings, 5700, 10332
 law, 7045
 reports, 5675, 7187
 cargo and miscellaneous vessels, rules and regulations, 10009
 Coast Guard reservist, 2754
 communications manual, 3997
 court martial cases, report, 10381
 electrical equipment for merchant ships, approved list, 11507
 examination of foreign passenger vessels—
 hearing, 13039
 report, 12919
 exchange manual, 12766
 films, catalog, 6990
 high-endurance vessels, western area, examining planned replacement, etc., GAO report, 6016
 laws, improve and clarify—
 hearing, 1932
 law, 11553
 reports, 552, 10146
 members, savings through use of FHA-owned houses as quarters in St. Petersburg and Miami, Fla., areas, GAO report, 2085
 members, transfers between permanent duty stations, review of administration, GAO report, 12001
 miscellaneous legislation, hearings, 8674
 nomination of—
 Helmer, Frank V., hearings, 4215
 Tighe, Charles, hearings, 4215
 oceanographic report, 14317
 officers and cadets, register, 5538, 6992
 ordnance manual, 8408
 publications, price list, 17996
 roles and missions (remarks), 16884
 transfer—
 hearings, 8774, 10246, 10346, 11809, 13040, 13212
 message from the President, 5617
 reports, 11634, 12973, 16158, 17291
 see also Pay, allowances, etc.

Coast Guard Academy, New London:
 cadet profile, 17052
 information for candidates, 8410
 information leaflet, 5539

INDEX 1966

- Coast Guard Auxiliary :
 manual, 318
 membership invitation, 1765
 public education and membership training publications, bibliography, 12768
- Coast Guard Reserve, register of officers and cadets, 6992
- Coast Guard stations :
 construction of shore and offshore establishments, appropriation, authorization, 1967—
 hearings, 5700, 10332
 law, 7045
 reports, 5675, 7187
- Coast pilots :
 United States coast pilot, 316
 supplements, 5531-35, 6985-86
- Coastal Engineering Research Center :
 reprint R (series), 8856-58
 technical memorandum, 12291
- Coastal Plain, *see* Atlantic States.
- Coastal warning facilities charts :
 Canadian border to Eureka, Calif. and Alaska, 11314
 eastern Florida, 7339
 Eastport, Me. to Montauk Point, N.Y., 15418
 Eureka to Point Conception, Calif., 11315
 Hawaiian Islands, 12560
 Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 12561
 Montauk Point, N.Y. to Manasquan, N.J., 15419
 Morgan City, La., to Apalachicola, Fla., 7340
 Point Conception, Calif., to Mexican border, 9764
 Puerto Rico and Virgin Islands, 12562
- Coasts :
 amend coastwise laws, etc., hearings, 13204
 coastal community, model hurricane plan, 14075
- Coated surfaces, *see* Surfaces.
- Coates, Edward M. jr., stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations, 15155
- Coates, Neil H., film coefficients of heat transfer for helium, etc., 17865
- Coating materials :
 ablating materials for structures in region of separated flow, performance, 1261
 anodization process produces opaque reflective coatings on aluminum, 1212
 barrier coatings on graphite molds for casting titanium, investigation, 6538
 chromium oxide coatings improve thermal emissivity of alumina, 11020
 coating permits use of strain gage in water and liquid hydrogen, 11001
 coatings control temperature of structures in space flight, 1213
 diffusion coatings of metals, USSR study, 4644
 do petroleum based protective coatings add fuel value to slash? 10572
 emittance and solar absorptance, between 300° and 575°, 7889
 epoxy-coated containers, opened by wire band, 9481
 flexible protective coatings made from silicon-nitrogen materials, 4864
 fluoride coatings make effective lubricants in molten sodium environment, 4842
 high temperature protective coatings for molybdenum and tungsten, 1295
 nickel/tin coating protects threaded fasteners in corrosive environment, 2402
 opaque coatings, use to reduce turn-off time of optically driven switch, 7795
 oxidation resistant, on columbium alloy sheet, study, 7828
 pigmented coating resists thermal shock, 1229
- Coating materials—Continued
 plasma-sprayed alumina coatings on stainless steel, shear bond strength analysis, 1275
 protective coating withstands high temperatures in oxidizing atmosphere, 6370
 protective coatings for magnesium alloys, 12432
 refractory coating protects intricate graphite elements from high-temperature hydrogen, 9452
 soluble undercoating facilitates removal of foamed-in-place insulation, 1220
 submarine topside, for application in cold damp weather, 1384
 teflon, wear durability on elastomeric vulcanizates, improvement, 1378
 thin film protective coatings, 1296
 uniform vacuum ultraviolet reflecting coatings on large surfaces, 7873
see also Ceramics—Primers (paint)—Surface materials.
- Coats, women's and misses', industry wage survey, 13619
- Coaxial plasma gun, experimental and theoretical performance, 12351
- Cobalt :
 alloy liners for small arms barrels, radiographic and visual soundness requirements, military standard, 11853
 cobalt-base alloy (I-605), cold reduction as means of reducing embrittlement, 13832
 mineral industry survey, monthly, 2755
 minerals yearbook chapter, 15001
 tungsten alloys, vapor deposition, 2355
- Cobalt isotopes :
 Co-60—
 gamma radiation, biologic effectiveness as compared to 138-Mev protons, 94
 irradiated rabbits, isolated ileum, sodium transport, 3792
 radiation unit at Boris Kidric Institute, Yugoslavia, irradiation possibilities, 951
 SAM high level irradiation facility, 1623
 340-CuFe, as gamma radiation source, Yugoslav study, 961
 use in pasteurization of fishery products, 4407
- Cobb, Viola J., testimony, hearing, 8785
- COBOL, *see* Electronic computers.
- Cocco, Joseph, earnings and weekly hours of factory workers, 4736
- Coccoidea, *see* Scale insects.
- Cochiti Dam, Rio Grande, N. Mex., outlet works, hydraulic model investigation, 4338
- Cochlea, *see* Ear.
- Cochran, Reeves P., heating tests on lightweight external insulation system for liquid-hydrogen tanks of boost vehicles, 7838
- Cochran, Thomas H., effects of subcooling and gravity level on boiling in discrete bubble region, 16651
- Cochrane, Rexmond C., measure for progress, 13858
- Cockrum, James L., preparation of occupational instructors, 10430
- Coconut oil :
 duties on importation—
 alteration, report, 5771
 suspension, law, 8464
- Code of Federal regulations, 2756, 5942-51, 7383-7415, 8904-21, 10483-508, 11930-943
 general provisions, 14636
 index, 1966, 11930
 list of sections affected, 1949-63, 7383
see also for titles, chapters, etc., of the code printed separately, subject involved.
- Codes :
 asymmetrical, USSR contribution to theory, 989
 coding techniques for data transmission systems, USSR articles, 4637

- Codes—Continued
freight descriptions and suffixes, Army regulation, 8232
input and output codes, supply cataloging manual, 4244
item management coding manual, changes, 5846-47
routing identifier codes, MILSTRIP, 11854
see also Codes of law—Error-correcting codes—Machine records codes—*also* headings beginning Code—*also* subjects.
- Codes of law:
citations, how to find, 521
District of Columbia, 1961 edition, supplement, 4139
statutes of United States, revision and codification, study—
authorization, report, 4197
report, 5783
United States, 1964 edition, supplement, 8445
United States revised statutes, amend with respect to lands granted to States—
law, 11579
report, 11746
United States, title 5, enact—
law, 15733
report, 13157
see also subjects.
- Codfish, U.S. fishery in northwest Atlantic, 747
- Coe, Harold H.:
horizontal multitube heat exchanger with steam condensing inside tubes, 17928
summary of thermophysical properties of potassium, 4904
- Coefficients:
buckling, for sandwich cylinders of finite length under uniform external lateral pressure, 2059
drag, of small spherical particles, shock tube determination, 7739
extinction, determination in scattering media, 16407
Fourier series, sampled data and switching logic, 9556
quadrature, utilizing symbolic manipulation language FORMAC, computer generation, 13812
regression analysis, non-linear, of periods defined by irregular observations, 9434
resistance, for structural plate corrugated pipe, hydraulic model investigation, 8864
Seebeck, five-figure table of functions for use in determining, 12438
viscosity and thermal conductivity, of dilute argon between 100 and 2000° K, 13865
X-ray mass attenuation, cooperative action on determination, 5017
- Coelenterata, index-catalogue, 8134
- Coeur d'Alene district, Idaho, geology, 819
- Coffee:
foreign agriculture circulars, 2987
green coffee inventories and roastings, 3028
international agreement, annual report, 5712
- Cogle, B. A., transfer of land title in Marengo County, Ala., 12864, 14365, 16013
- Cohan, S., XV-9A hot cycle research aircraft program, summary report, 14232
- Cohany, Harry P., directory of national and international labor unions in U.S., 11217
- Cohée, George, changes in stratigraphic nomenclature by Geological Survey, 4514, 17716
- Cohen, Abraham E., relief, 5735, 8512, 11537
- Cohen, Philip, water resources of Humboldt River Valley near Winnemucca, Nev., 2106, 9023
- Cohen, Wilbur J.:
family planning, one aspect of freedom to choose, 13418
social policy for 1970's, 7498
- Cohn, Edward A., ownership changes made by bakery and dairy products companies, 14539
- Coiled sheet metal strip opens into tubular configuration, 4846
- Coils:
auxiliary, controls temperature of RF induction heater, 6393
5-cent regular stamp (poster), 13925
magnetic, single turn, behavior under dynamic load condition, 4945
see also Electric coils.
- Coins:
domestic and foreign manufactured by U.S. mints, 17870
Italian coin engravers, 2465
situation—
hearing, 10245
report, 8630
see also Numismatics.
- Coke:
coking, Rumanian inventions, 10805
formcoke for blast furnace use, evaluation, 4797
mechanical strength at elevated temperatures, 13696
mineral industry survey—
monthly, 2757
1965 advance data, 14998
minerals yearbook chapter, 1106
producers in U.S., 15002
see also Coal.
- Coker, Joseph D.:
papers—
Nov. 1964, 658
Dec. 1964, 657
Sept. 9, 1965, 660
- Colaluca, Mario A., heat-rejection characteristics of space radiator panels utilizing shared fins, 15189
- Colberg, Marshall R., oyster-based economy of Franklin County, Fla., 6585
- Colburn, Evelyn W.:
knitting mills, 3887
leather gloves, luggage, and miscellaneous leather goods, 5443
men's and boys' apparel, 6893
miscellaneous apparel and accessories, 6895
tanning, footwear, industrial leather goods, 3896
women's and children's underwear, headwear, children's outerwear, 8330
women's and misses' outerwear, 6894
- Cold:
avoidance response of rats under ambient and low temperatures, effects of alcohol and drugs, 5315
calorigenic response of rabbits to intravenous infusions of epinephrine and norepinephrine, 9858
cold-stressed mice, mortality rate challenged with viruses by different routes, 79
environmental temperature, influence on systemic effects of alcohol alone and in combination with other drugs, 3781
exposure, effects upon action of therapeutic drugs, 9860
exposure, USAF anti-exposure suits, cold water tests, 76
low temperature and metabolic aspects of tolerance to endotoxin, 5312
precooling of peripheral arterial blood in cold- and warm-adapted rabbits, 3782
stress, parameters, effects, mitigation, 82
tolerance, assessing responses to whole body exposure, 77

- Cold (weather):
 cold water tests of USAF anti-exposure suits, 76
 nutritional requirements for survival in cold and at altitude, symposia, proceedings, 14185
- Cold-air performance evaluation of scale model oxidizer pump-driven turbine for hydrogen-oxygen rocket engine, 7881
- Cold-cathode gages, *see* Ionization gages.
- Cold Region Research and Engineering Laboratory:
 research reports, 116, 1635-37, 3815-16, 5344, 6830-33, 8233-43, 9887-89, 11395-396, 12649, 14210, 15505-510, 16956
 science and engineering, engineering, 1639
 science and engineering, environment, 8249
 special reports, 117, 1638, 3817, 8244, 9890, 11397, 14211
 technical reports, 118-119, 3818-20, 8245-48, 9891-92, 12650, 14212, 16957-958
 translations, 11891
- Cold Springs National Wildlife Refuge, general information, 2043
- Cold storage:
 regional holdings, summary, 8093
 report (periodical), 2758
- Cold war, *see* International relations.
- Cold war veterans readjustment assistance act, *see* Veterans.
- Cole, Alex. B., hardwood log grading at circular sawmills, 5975
- Cole, Henry A., Jr., fundamental damping law for fuel sloshing, 6429
- Cole, P. T., magnetic-tape static friction testing device, 9526
- Cole, Walter E., effect of pine butterfly defoliation on ponderosa pine in southern Idaho, 16325
- Coleman, Harold J., identification of sulphur compounds in petroleum, etc., 12257
- Coleman, James R., projected values of cesium-137 body burdens in Anaktuvuk Pass Eskimos for summer of 1965, based on findings in caribou muscle, 5115
- Coleman, James S., equality of educational opportunity, 14551
- Coleman, Ralph E., infrared spectroscopy studies of xanthatagalena system, 15021
- Coleman, disposal from supplemental stockpile, hearing, 570
- Coleoptera, *see* Beetles.
- Coles, Willard D., superconducting magnetic bottle for plasma physics experiments, 15186
- Colglazier, Robert W., Jr., advance to grade of lieutenant general, authorizing, 17072, 17182
- Collecting of accounts:
 collection of claims of U.S., avoid unnecessary litigation—
 hearing, 11670
 law, 12833
 reports, 10156, 13128
- Collective bargaining:
 clam chowder, cybernation (remarks), 5036
 impact of automation (remarks), 7933
 impact of cybernation (remarks), 6494
 major agreements—
 arbitration procedures, 10858
 deferred wage increase and escalator clauses, 7664
 management rights and union-management cooperation, 9206
- Collectives:
 kolkhozes—
 Council of Ministers USSR grants direct banking credit to, 6140
 key personnel, raising qualifications, USSR decree, 6214
- College, Alaska, phase variation of 16 kc/s signals from GBR, 1297
- College Magnetic Observatory, magnetograms and hourly values, 10003
- College students, *see* Students.
- College-work study program, *see* Colleges and universities.
- Colleges and universities:
 accredited higher institutions, 1964, 632
 business management, 8837
 business management, chief business officers, job characteristics, etc., 17619
 business management guide, 1977
 campus landscape, 17620
 computer center in higher educational institutions, USSR study, 6136
 correspondence courses offered through USAFI, DOD pamphlet, 15502
 curricula in oceanography, 1965-66, 17650
 debate topic, 1965-66, selected excerpts and references, 466
 degrees conferred, 1964-65, summary, 16242
 developing institutions, assistance, extend—
 hearings, 13227, 17374
 reports, 8629, 16167, 17349
 directory, higher education, 10420
 District of Columbia, plan 2 public colleges, authorization, hearings, 10337
 endowment, status and management, 7300
 engineering degrees (1962-63) and enrollments (fall 1963), 1976
 engineering, enrollments, and degrees, 10418
 English major undergraduate requirements, curriculum patterns, 637
 enrollment, advanced degrees, fall 1963, final report, 7304
 enrollment and facilities of new institutions opening between 1961 and 1963, 1974
 enrollment, 1965, fall, 5878
 enrollment, projections to 1985, United States, 12725
 facilities—
 construction and rehabilitation on campuses, 14556
 financial assistance for construction regulations, amended, 11873
 survey, 636, 1974
 facilities act of 1963, extend, etc.—
 hearings, 13227, 17374
 reports, 8629, 16167, 17349
 faculty and other professional staff in institutions of higher education, 7306
 faculty consulting, policies, practices, and problems, 9575
 Federal research programs, conflicts with goals for higher education—
 academic communities, etc., responses to inquiry, print additional copies, reports, 10200, 10206, 17473
 hearings, print additional copies, report, 10207
 fortifying role in scientific research and training of cadres, USSR study, 10720
 get ready for college and go, 4 programs of Federal assistance in financing education, 5874
 Government supported research, administration, 11449
 graduate deans, 1872-1965, directory, 11869
 graduate enrollment and Ph.D. output in scientific fields at 100 leading institutions, 1963-64 to 1964-65 trends, 13992
 graduates, liberal arts and science, prospective occupations, guide, 17630
 grants for international studies and research, etc.—
 hearings, 10238, 16193
 reports, 10161, 17528
 print additional copies, report, 13006
 higher education act of 1965—
 fierce commitment, 4305
 guaranteed student loans, challenge and promise, 7311
 law, 430

Colleges and universities—Continued
 higher education act of 1965—Continued
 outlined by title, 645
 prospective teacher graduate fellowships
 and programs, 1966-67, 11880
 questions and answers, 7312
 section by section analysis, 646
 higher education, day of opportunity
 (address), 7313
 higher educational reforms in Republic of
 Korea, 4306
 higher specialized education, improve
 training of specialists and perfecting
 leadership, USSR study, 16470
 Hungary, development of chair of physi-
 ology over past 20 years, 10779
 integration and academic quality (ad-
 dress), 7314-15
 laboratories, USSR educator urges better
 utilization, 16420
 Ministry of Higher and Secondary Special-
 ized Education, USSR, recent orders,
 7566
 NASA University Program Review Con-
 ference, proceedings, 1197
 national defense education act—
 institutes under title 11, preparing pro-
 posals, manual, 5877
 student loan program, college-work-study
 program and list of participating in-
 stitutions, 1965-66, 7316
 Negro, directory, 6250
 new dimensions in higher education
 (series), 4313, 13277
 NIH obligations to institutions of higher
 education, 12477-478
 physical facilities, inventory, 636
 placement officers, employment outlook,
 9225
 psychiatric-mental health nursing, institu-
 tions offering trainee stipends, 11113
 public college of arts and sciences, etc.,
 establish in D.C.—
 hearings, 17370
 reports, 17488
 public 2-year colleges, procedures for
 establishment, 13280
 residence and migration of college students,
 fall 1963, State and regional data, 8851
 sciences, higher education in U.S., report,
 1867
 scientific research urgently needed to im-
 prove university instruction, Rumania,
 9136
 sea grant colleges and program act—
 hearings, 11825, 14431
 reports, 15863, 16081
 second-level degrees conferred by U.S. in-
 stitutions of higher education, 1963-64,
 number and kinds, 11877
 selective service, college qualification test,
 bulletin of information, 8017, 15322
 small college, pillar of diversity (address),
 8853
 State land-grant, Extension Service review
 (periodical), 2902
 State legislation relating to, 17626
 student services administration in higher
 education, 10431
 students, guaranteed loans, State and pri-
 vate nonprofit agency programs, 17622
 Taiwan, 10424
 technological centers, development (ad-
 dress), 10022
 unfunded annuities, tax treatment, report,
 17562
 USSR—
 atheist courses needed, 13553
 changes in Soviet higher education pro-
 posed, 17781
 higher educational institutions, criti-
 cism of rules for admission, 6186
 responsibility and rights of higher
 school, 7579
 rights granted to institutions of higher
 learning, suggested expansion, 14924

Colleges and universities—Continued
 Vocational Rehabilitation Administration
 research fellowship program, description
 of program and procedures for applying
 for predoctoral, postdoctoral, special
 fellowships, 1530
 Volgograd higher educational institutions,
 reform of economics teaching, 13527
 see also Junior colleges—Land-grant col-
 leges—also names of colleges and
 universities.
 Collette, Bruce B., systematic significance of
 breeding tubercles in fishes of family
 Percidae, 2467
 Collings, M. R.:
 effects of juniper and pinyon eradication
 on streamflow from Corduroy Creek
 basin, Ariz., 10643
 throughfall for summer thunderstorms in
 juniper and pinyon woodland, Cibecue
 Ridge, Ariz., 6033
 Collins, Arthur B., III, topwood volume
 tables for old-field slash pine plantations,
 5987
 Collins, J. T., airborne particle size analysis,
 bibliography, 12680
 Collins, James F., address, Jan. 11, 1966,
 4017
 Collins, Joseph W., jr., training needs in
 correctional institutions, 12197
 Collins, LeRoy:
 remarks, etc.—
 Nov. 11, 1965, 363
 Nov. 16, 1965, 337
 Jan. 20, 1966, 4030
 Jan. 21, 1966, 4016
 Feb. 19, 1966, 5553
 Mar. 2, 1966, 5562
 Mar. 24, 1966, 6995
 Mar. 28, 1966, 6993
 Mar. 31, 1966, 6994
 Apr. 11, 1966, 8417
 Apr. 16, 1966, 8416
 May 6, 1966, 8436
 May 10, 1966, 10014
 May 14, 1966, 10012
 June 6, 1966, 10013
 June 16, 1966, 11523
 Sept. 1, 1966, 14319
 Collins, Robert L., computational method for
 orbital rendezvous and transfer problems,
 13823
 Collins, Vincent P., physiological observa-
 tions on race car drivers, 15068
 Collisions (electronic):
 capture collisions between ions and polar
 molecules, semiclassical approach, 6426
 Colloids:
 charging submicron carbon powder for par-
 ticle thrusters, 16703
 suspension, simulates linear dynamic pres-
 sure profile, 11008
 zero- and reduced-gravity simulation on
 magnetic-colloid pool-boiling system,
 6452
 Colner, Bernard J., aerial photography in
 unified information system, 11201
 Colombia:
 agricultural commodities, agreement, 1495
 amateur alien radio operators, authoriza-
 tion to operate, agreement, 5169
 economy, basic data, 12780
 establishing business in, 11514
 foreign trade regulations, 4015
 mineral industry, minerals yearbook chap-
 ter, 6298
 Panama boundary, study, 8063
 patent, trademark, industrial design and
 copyright protection, 14326
 trade in cotton textiles, agreement, 15367
 Colon (anatomy):
 cancer, 7995
 Color:
 cathode ray tube displays in combat in-
 formation centers, 6552
 color-mixture functions with white desat-
 urant, 13661

INDEX 1966

- Color—Continued
 effect of exposure time on induced color, 13660
 mixture functions at low luminance levels, 6281
 red and green perception, at various retinal positions, effect of luminance, 13662
 red-green and yellow-blue mixtures, effect of stimulus duration on perception of, 13663
 sensitivity differential in purple region, 6284
- Color of man, migration of population by color (series), 631, 7295
- Color of the voice, USSR, 16497
- Colorado :
 beef feeding operations, economies of size for specialized feedlots, 10411
 census of manufactures, 1963, area statistics, 15568
 climatological data, 2751
 county business patterns, 1964, 226
 floods, June 1965, subcommittee report, 11681
 land transfer from Interior Dept. to Agriculture Dept.—
 law, 11555
 reports, 5672, 10308
 life tables, 18013
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 medical assistance for the aged, under social security act, 11905
 mineral industry, minerals yearbook chapter, 1119
 nonpegmatitic beryllium occurrences, 15029
 precipitation data, hourly, 3045
 retrocede jurisdiction over Fort Lyon Veterans Hospital to, report, 10132
 Rockies, weather and climate of high mountain pass, 4475
 Shavano Soil Conservation District, sheep on irrigated pasture (colored poster), 9665
 snow courses and soil moisture stations, list and location, 8029
 water supply outlook and snow surveys, 3688
 special report, 9713
 water supply outlook, early season snow report, 2572
 women, legal status, 12568
- Colorado National Monument, general information, 1942
- Colorado-Pacific Regional Water Commission :
 create, hearings, 519, 10247
 print additional copies, reports, 499, 561
- Colorado River and Valley :
 basin, floods, magnitude and frequency, 6038
 basin, surface water quality, 6037, 12033
 location of portion of river, establish, reports, 17235, 17530
 lower, water resources of Salton Sea area (series), 16360
 radioactive water pollution in basin, hearing, 11832
 water supply outlook and snow surveys—
 of drainage basin, 3688
 of lower basin, 3687
 watershed conditions affecting water supply, 3564
 see also Lower Colorado River Basin project.
- Colorado River Basin project, construct, etc., report, 14392
- Colorado State University, Craig counter-current distribution apparatus, duty-free entry, 377
- Colorimetry, acid vapor determination in PPM range, 6546
- Colors, see Color.
- Columbia Basin project :
 employees, relief, 5734
 third powerplant, construct, operate and maintain, hearings, 1861
 third powerplant, Grand Coulee Dam, construction, etc., authorize—
 law, 11557
 reports, 8595, 8602
- Columbia River and Valley :
 at the mouth project, land relinquishment—
 hearing, 13018
 law, 11561
 reports, 8742, 10180
 basin, surface water quality, 6037, 12033
 Bonneville Dam, navigation channel improvement, hydraulic model investigations, 11890
 fish passage reports—
 Bonneville, The Dalles, McNary and Ice Harbor Dams, 667, 11888
 Rock Island Dam, 17679
 flood season flow near The Dalles, 3543
 lower, radiological survey in Oregon, Aug. 1963-July 1964, 2537
 monthly mean discharge at gaging stations and change of storage in lakes, etc., 3543
- Permanent Engineering Board, administration and procedures, agreement with Canada, 2584
- sablefish, distribution, abundance, and size, 4409
- storage in major power reservoirs, monthly report, 3543
- surface water of upper basin, records to Dec. 31, 1963, index, 2099
- water supply outlook and snow surveys, 3695
- Columbia River Federal Power System, financial statements, examination, GAO report, 16342
- Columbia University, Pegram Nuclear Physics Laboratories, progress report, 8287
- Columbium, see Niobium.
- Columbus, Christofer, what is significance of his achievements? (remarks), 15542
- Columbus, Ohio, area wage survey, metropolitan area, 4724
- Colville Reservation, Confederated Tribes, Federal supervision, termination, hearings, 7151
- Colwell, Robert C., economic factors in urban planning studies, 8109
- Colwell, T. C., basic data on economy of Uganda, 11513
- Colyar, A. B., paper, Apr. 28, 1966, 11194
- Comandra blister rust, lodgepole pine, antibiotics for control, 15436
- Comart Research, Ltd. :
 United Kingdom—
 audio-visual equipment, 174
 electroplating and metal finishing equipment, 177
- Combat :
 Army readiness program, hearings, 11791
 employment of missiles, USSR study, 903
 information centers—
 color cathode ray tube displays, 6552
 team training research, 5066
 readiness, troop instruction, USSR study, 1024
 rocketeers are always in readiness, USSR study, 6158
- Combat areas :
 airfield, rapid construction in theater of operations, technical manual, 127
 firefighting and rescue in theaters of operations, technical manual, 15515
- Combat duty pay, see Pay, allowances, etc.
- Combat vehicles, see Motor vehicles.
- Combustion :
 and explosion, USSR study, 1044
 catalytic, of hydrocarbons, ionization produced, 9596

Combustion—Continued

- coal, atmospheric emission, inventory guide, 13961
- effects of 100% oxygen at reduced pressure on ignitability and combustibility of materials, 3797
- hydrogen-oxygen, at 14 atmospheres, magnetic control of flow of hot combustion gases, 2425
- instability in solid propellant rocket motors, use of one-dimensional model for determining, 9533
- noise, contribution to overall rocket exhaust jet noise, 9432
- physics, USSR studies, 10716, 13500, 14958
- rockets, tangential velocity effects on spinning transverse combustion instability, 9531

Combustion chamber inlet manifold separates vapor from liquid, 6378

Combustion gases, *see* Gases.

Combustors:

- ethanol-jet atomization with oscillatory combustion-gas flow, 15147
- n-heptane vaporization in unstable combustor with traveling transverse oscillations, analysis, 9537
- rocket, simulated, acoustic decay coefficients, 9538

Commager, Henry S., *why history?*, 13282

Commanders digest (periodical), 6822

Commemorative medals, *see* Medals.

Commemorative stamps, *see* Postage stamps.

Commerce:

- agricultural trade development and assistance act of 1954, Library of Congress project newsletter, 3148
- America Week, international trade promotion programs (remarks), 4022
- black spruce, Lake States, botanical and commercial range, 5985
- Central America, beef export trade, 2054
- Central American Common Market, 1963-64 foreign trade, 11521
- commerce and foreign trade, code of Federal regulations, 10489
- Communist China's trade, translations, 3597
- domestic and foreign, promote by modernizing practices relating to inspection of persons, merchandise, etc.—
hearings, 10334
report, 14460
- East-West trade—
Battle act report, 6631
controls and U.S. trade policies and practices (statement), 361
history and benefits for U.S. (address), 5151
- East-West trade relations act of 1966, proposed legislation, analysis, 18115
- economic impact of U.S. ocean ports, 14988
- expanded commercial trade in developing countries (address), 14125
- export expansion drive (speech), 1779
- Federal Maritime Commission's role in trade (remarks), 8901
- foreign agricultural trade—
by commodities, 4294, 13266
by countries—
calendar year 1965, 17618
fiscal year 1964-65, 11866
monthly, 2985
- foreign commerce and navigation of U.S., 1946-63—
departmental edition, 3932
document edition, 4049
- foreign-made goods sold in U.S. in competition with domestically produced goods, investigation and study, report, 17298
- foreign trade—
areas, code classification and definitions, 5499
challenges and choices in U.S. trade policy (addresses), 5151
East European, translations, 3602

Commerce—Continued

foreign trade—continued

- effectiveness, determining, 16478
- export market research (speech), 865
- FT reports, 2994-3004, 3641-50, 8365-66
- Socialist countries of Europe, development during years of people's authority, 10808
- United States—
Jan.-June 1965, 1772
Jan.-Sept. 1965, 4009
1958-65, 14324
1964 and 1965 preliminary, 7008
- United States flag fleet, 1964, impact of Government-generated cargo, study, 454
- United States trends, 7528, 10688
with Japan (remarks), 5939
- foreign trade and markets, publications available, directory, 14625
- foreign trade expansion (address), 332
- foreign trade regulations—
Argentina, 10027
Brazil, 10030
Chile, 4008
Colombia, 4015
Cyprus, 4007
East Africa, etc., 15646
Ecuador, 12778
El Salvador, 10024
Ethiopia, 8432
Iran, 4006
Kuwait, 7010
Mexico, 15650
Portugal, 17056
Saudi Arabia, 12786, 15649
Sudan, 17057
United Arab Republic, 17055
Uruguay, 7011
- foreign trade statistics—
country designation, code classification, schedule C, 6936
change, 3910
guide, 1967, 15594
hearings, 16183
U.S. districts and ports, code classification, schedule D, 3936
changes, 5457
- foreign trade trends (address), 7523
- hygiene in commerce and offices, ILO convention, text, etc., 17159
- international commerce (periodical), 3076
- international commerce, weekly, supplements, 7526-27, 12059-60
- international meetings, world list, 3717
- international trade, encouragement, convention with Israel, 13073
- international trade in agricultural commodities, promote to combat hunger, etc., hearings, 7107, 8645
print additional copies, reports, 17278, 17544
- international trade, national interest (address), 2573
- interstate—
mail-order firearms in interstate commerce, report, 1924
publications, price list, 1406
- interstate and foreign—
abusive and harassing telephone calls, amend communications act, hearings, 17574
regulate by preventing unfair or deceptive methods of packaging or labeling, hearings, 15980-981
- interstate commerce act, amend—
hearings, 7153, 17387
report, 17302
- interstate commerce acts annotated, advance bulletins, 2641
- interstate taxation act—
hearings, 10253, 11669
report, 17232

Commerce—Continued

Latin American development and Western Hemisphere trade—
 hearings, 455
 subcommittee report, 7051
 merchant marine in trade, policy and program, 4003
 mission to Nigeria to spur trade, 10686
 national summaries, supplements, 5886
 ocean, surface effect ships, study of technological problems, report, 5561
 overseas trade fairs, sales opportunities for U.S. manufacturers, 4574
 Pacific Northwest forest industries, trade, 3420
 publications, price list, 5099
 steamship lines in foreign commerce of U.S., approved conference, rate and interconference agreements, 8900
 summaries of trade and tariff, information, 14045, 16875
 trade agreement with—
 Canada, 6644
 Great Britain, 12529
 Spain, 2581
 trade between U.S. and Japan (remarks), 15653
 trade promotion, business-Government partnership for profits, jobs and economic progress (remarks), 10687
 trade tips on the world market, 10019
 United States economic relations with Japan (address), 11509
 United States trade—
 recent changes, 10512
 relations with East European countries and Soviet Union, 9718
 with Communist areas in Eastern Europe and Asia, 14327
 with major world areas, 15648
 with Puerto Rico and U.S. possessions, monthly report, 3004
 waterborne, calendar year, 1964, 676
 national summaries, 4334
 supplements, 5886, 7332
 waterborne transportation, inter-American convention, 13085
 world trade—
 and Kennedy round (address), 6619
 grain, 17680
 major element in national economy (address), 10016
 1961-64, machine tools, 3871
 U.S. companies (remarks), 1519
see also Exports—Imports—*also* names of countries and places—*also* names or classes of articles of commerce.
 Commerce business daily, 2760
 Commerce Committee, Senate:
 calendar, 3133-
 committee prints, 1934-35, 4216, 8770, 14479
 hearings, 572, 1929-33, 4214-15, 5802, 7205-8, 8769, 10332-336, 11795-798, 13197-204, 14478, 16180, 17574-577
 history, membership, and jurisdiction, 150th anniversary, 14448
 print as Senate document, report, 16074
 investigations and studies, authorization, report, 4178
 reports, 552, 559, 1915-16, 1918, 7187, 7189, 8726, 10280, 10314-315, 10318, 10320, 11764, 11774-776, 13153, 14456-457, 14459-460, 14463-464, 14466, 16077, 16080, 16095, 16105, 16109, 16121, 16123, 17487, 17538, 17547, 17556
 Commerce Department:
 agency of business, promotes growth, guidebook, 10047
 appropriations, 1967—
 hearings, 15956, 17567
 reports, 15938, 17348, 17539
 career opportunities, business, domestic and international, 5547
 careers for management analysts, 7002
 careers, 66 fields, 7001

Commerce Department—Continued

economic and social research programs, opportunities for cooperation with schools of business administration (remarks), 338
 high speed ground transportation program (remarks), 10042
 honor awards program, 5546
 industrial mobilization and administration of priorities and allocations, review, hearing, 453
 maritime functions, transfer to independent administration—
 hearings, 15984
 reports, 15873-874
 piggyback program in cooperative exporting, general information, 10031
 press releases, 3353
 publications, 1964 supplement, 364
 report, 1965 activities, 7000
 research and development in high-speed ground transportation report, 1918
 science and technology, background information, 10045
 services in selling around the world, 4026
 trade tips on the world market, 10019
 U.S. Government action programs (address), 10689
 Commercial artists, *see* Artists.
 Commercial aviation, *see* Air carriers.
 Commercial banks, *see* Banks and banking.
 Commercial fisheries, *see* Fish and fisheries.
 Commercial Fisheries Bureau:
 appropriations, 1967, hearings, 7113
 Biological Laboratory—
 Beaufort, N.C., 1965 report, 10527
 Galveston, Tex., report, 16298
 Gulf Breeze, Fla., report, 14651
 Honolulu, Hawaii, progress in 1964-65, activities, 8939
 Biological Station, St. Petersburg Beach, Fla., reports, 11966, 16297
 cost-sharing arrangements with Oregon for operation of fish hatcheries, GAO review, 6023
 electrofishing shocker, characteristics and operation, 13348
 fishery motion pictures, 14655
 Radiobiological Laboratory, Beaufort, N.C.—
 1964 report, 2036
 1965 report, 13342
 region 2, exploratory fishing and gear research, 1964 report, 10524
 resources funds for general administrative expenses, violation of statutes by use of management and investigations of, GAO report, 12009
 survey of fishery resources of U.S., authorize—
 hearing, 11795, 17390
 report, 10320
 symposium on red tide, 4425
 Technological Laboratory, Gloucester, Mass.—
 1963 report, 2037
 1964 report, 11965
 Commercial growing of sweet corn, 14135
 Commercial pilot, examination guide, 10544
 Commercial policy:
 and German-American relations (address), 8034
 commercial tasks, North Vietnam, 12101
 private boycotts of Communist countries vs national interest, 15338
 Commercial policy series, 9718, 15338, 18115
 Commercial practices, Code of Federal regulations, 8919
 Commercial products:
 census of business, 1963—
 commodity line sales, wholesale trade, subject report, 1701
 merchandise line sales, announcement and order form, 8323

Commercial products—Continued
 census of business, 1963—Continued
 merchandise line sales, retail trade, statistics—
 United States summary, 8325
 West North Central States, errata, 196
 commodity transportation survey—
 census, 1963, commodity groups, 16998
 shipper series, preliminary reports, 212-
 222, 3909, 5452-53
 exports—
 by air, foreign trade reports, 3001, 3003
 foreign trade reports, 2998-99
 statistical classification, schedule B, 3491
 hot goods, written assurance of compliance
 under Fair labor standards act, general
 statement, 9762
 imports—
 by air, foreign trade reports, 2996-97
 foreign trade reports, 2994
 market for U.S. products in—
 East Africa, 12059
 Iran, 7526
 Ivory Coast, 7527
 Mexico, 12060
 new product development for economic
 growth in rural areas, 1595
 prepackaged, checking manual for weights
 and measures officials, Spanish transla-
 tion, 1291
 products list circular, new products de-
 velopment for small business, 3421
 products subject to duty on American sell-
 ing price basis of valuation, investiga-
 tion, 14044, 18129
 tariff treatment of articles assembled
 abroad of products of U.S., reports,
 16130, 17332
 USSR consumer goods and domestic trade,
 translations, 3616
 wholesale prices for new products, USSR
 study, 4599
see also names of products.
 Commercial standards, *see* Standards and
 standardization.
 Commercial treaties:
 economic relations with—
 Thailand, treaty, 13084
 Togolese Republic—
 report, 16001
 treaty, 13076
 trade agreements—
 and adjustment assistance programs,
 code of Federal regulations, 7406
 program 1964, report—
 departmental edition, 2513
 document edition, 1796
 trade expansion act of 1962, negotiation
 of agreements, resolution expressing
 sense of Congress, report, 13132
see also General agreement on tariffs and
 trade.
 Commercial warehouse service plan for De-
 partment of Defense agencies, 17609
 Commissaries, subsistence supplies author-
 ized for sale in commissary stores, Army
 regulation, 115
 Commissary stores, *see* Commissaries.
 Commissarymen 3 & 2, Navy training course,
 15242
 Commission for Acquisition of Official Resi-
 dence for the Vice President, establish,
 reports, 553, 7088
 Commission for Educational Exchange be-
 tween United States and Uruguay, agree-
 ment, 1496
 Commission on Architecture and Planning
 for Capitol, *see* Capitol.
 Commission on Civil Rights, *see* Civil Rights
 Commission.
 Commission on Revision of Federal Criminal
 Laws, establish, hearings, 14429
 Commissioned officers, *see* Coast Guard Re-
 serve—Pay, allowances, etc.

Commissioners of District of Columbia, *see*
 District of Columbia.
 Commissions, *see* names of commissions.
 Committee on Economic Impact of Defense
 and Disarmament, *see* Economic Impact of
 Defense and Disarmament Committee.
 Committee reporter (periodical), 2766
 Committees:
 ASC committees, problems, hearings,
 10226
 county ASCS employees, extend benefits
 to—
 hearing, 7233
 report, 16069
see also names of committees.
 Commodities, *see* Agricultural products—
 Commercial products—Exports—Im-
 ports—*also* names of commodities.
 Commodity Credit Corporation:
 acquisition and disposal by CCC of surplus
 farm products, 6722
 appropriations, 1967, hearings, 8648
 corn marketing, impact on small business,
 hearings, 15992
 establish and maintain reserves of agri-
 cultural commodities, etc., authorize,
 hearings, 7107, 8645, 11785
 print additional copies, reports, 17278,
 17544
 financial condition and operations, 3464
 financial statements, 1965, GAO examina-
 tion, 4492, 14381
 highlights of CCC's operations, 6721, 9801
 need to consider storing processed com-
 modities on daily-rate basis, GAO re-
 port, 6015
 operations, June 30, 1965, graphic sum-
 mary chart, 17063
 price support program, 6723
 report, 10048
 sale of grain storage facilities, reports,
 17231, 17557
 sales list, monthly, 2733
 shipments of perishable commodities, re-
 ducing costs, GAO report, 13375
 wheat, increase resale price, hearings,
 5794
 Commodity Exchange Authority, appropria-
 tions, 1967, hearings, 8648, 11787
 Commodity exchanges:
 act, amend, hearings, 10227
 code of Federal regulations, 8920
 commodity futures statistics, July 1964-
 June 1965, 66
 Irish potato futures, prohibit trading,
 hearings, 11639
 Common carriers, *see* Communications—
 Motor carriers.
 Common Market, *see* Central American Com-
 mon Market—European Economic Com-
 munity.
 Common sense about evaluating and recog-
 nizing performance, 12552
 Common varieties act, *see* Mineral lands.
 Commonwealth Parliamentary Association:
 conference, Wellington, New Zealand, Nov.
 30-Dec. 8, 1965, report of U.S. delega-
 tion, 5637, 10341
 Senate observers attendance at meeting,
 report, 13170
 Communications:
 act of 1934, amend—
 hearings, 7205, 10250, 17574
 report, 10314
 aeronautical, ATS handbook, 3800, 12647
 Alaska, long-line facilities, Government-
 owned—
 disposal, report, 17516
 hearing, 13194
 antimchanized operations, Fleet Marine
 Force manual, 2309
 career opportunities, State Department,
 domestic and oversea assignments, 2574

INDEX 1966

Communications—Continued

carriers, discontinuance of service, FCC rules and regulations, 2927
 circuits, tropospheric, transmission loss predictions, 13861-862
 civil defense, program materials for successful meetings, 8383
 Coast Guard manual, 3997
 coded, phase-coherent and non-phase-coherent, comparison, 7814
 common carriers—
 and affiliates, reports, FCC rules and regulations, 2927
 miscellaneous rules, FCC rules and regulations, 2927
 preservation of records, FCC rules and regulations, 2927
 statistics, 5925
 communication and control, administrative management course program, 5136
 Communist China, translations, 3599
 equipment—
 current industrial reports, 2818, 8351
 Federal item identification guides for supply cataloging, supplements, 2936
 including radio, TV, and electronic components, etc., census of manufactures, 1963, industry report, 11452
 reliability and economy, USSR study, 12125
 troubleshooting, 1348
 ground-to-air facilities in northern Canada, agreement, 9727
 hydroacoustic system with pulse-time signal modulation, USSR study, 2263
 increasing transmission rate of discrete information, USSR study, 12106
 industry wage survey, 4729
 keeping channels open through USDA services (address), 1610
 laser and optical, prospects, USSR study, 12122
 measurable index of team behavior, 1350
 Navy design manual, changes, 1569
 noise-stability of codes with summation in communications systems with repetition, USSR study, 7614
 Northeast power failure of Nov. 9 and 10, 1965, effects, 7360
 operator training course, 5365
 organizational mechanic/repairman course, 5362
 PACAF basic bibliographies, supp., 5320
 problems of information transmission, USSR journal, translation, 10751
 procedures, ATS handbook, changes, 1629
 publications, price list, 16788
 radio science, 3449
 radio science, journal of research, National Bureau of Standards, 3103
 satellite act of 1962, report on activities, etc., 5618
 satellites—
 advanced lenticular passive, from low to synchronous orbit, design studies, 13709
 bibliography, 10981
 deep space monitoring for space vehicles, 2435
 Echo II passive system, experimental and theoretical evaluation, 9505
 government use, hearings, 15973
 Government use, report, 17345
 historical background, etc., 15078
 national programs, review, hearings, 7201
 orderly spaced, probabilities, time available, 1187
 Syncom engineering report, 7896
 system, final report of Relay I program, 1195
 Soviet research with dolphins, 14957
 system uses modulated laser beam, 1209
 technician O 3 & 2, Navy training course, 2487

Communications—Continued

technology, scientific meeting on 50th anniversary of Telecommunications Research Institute, Hungary, 7578
 telegraph, in railroad transportation, USSR study, 16400
 USSR—
 heard of communications (periodical), 3039
 rates for services, 9141
 translations, 3615
 vital to cooperatives, 14592
 yeoman 3, Navy training course, 1343
 yeoman, trainee's guide, 2489
 see also Electric lines—Military communications—Radio communications—Space communications—Submarine cables—Telecommunication—Telephone—Wire communication.
 Communications Satellite Corporation :
 nomination of William Hagerty, hearings, 4215
 relationship with Government, hearings, 7201
 Communism :
 activities in Chicago, Ill., area, hearings, 4148
 activities of foreign societies of friendship with Soviet Union, 10807
 anatomy of Communist takeovers, study, 14497
 anti-Communism of US. Soviet views, 17758
 Baltic States, status, report, 16136
 Caribbean threat to U.S., hearings, 580, 587, 1948, 8784
 church and state under Communism—
 Communist China, 7220
 Hungary, Czechoslovakia, German Democratic Republic, 7219
 North Korea and Democratic Republic of Vietnam, 8780
 Communist atheism and Moslem faith, USSR study, 10766
 Communist Party and coalition governments in Soviet Union and Eastern European countries, study, 8783
 Communist Party on religion and the church, 7601
 Eastern Europe, science and Communist society, USSR study, 14929
 French Communist eyewitness report on North Vietnam war effort, 4689
 history of Soviet Union, methodological advice to propagandists, 7573
 human factors consideration of undergrounds in insurgencies, 16961
 infiltration and exploitation in anti-Vietnam agitation and teach-in movement, problem, staff study, 1885
 international developments, translations, 3607
 Marxism-Leninism, developed through struggle against left-wing and right-wing opportunism, North Korean study, 14820
 overcoming religious vestiges in USSR, 17774
 Pravda hails Havana Solidarity Conference, international opinion, 4603
 private boycotts vs. national interest, 15338
 problems (periodical), 3417
 religion, Communist exploitation, hearing, 11815
 scientific, discussion of problems, USSR study, 2230
 totality problem in Marxist philosophy, USSR book review, 995
 two world systems and their development tendencies, USSR study, 2248
 Ukrainian minorities ignored outside the Ukraine, appeal for rights, 2171
 United States treatment in different countries (address), 2578
 unity of all revolutionary and democratic forces, USSR materials, 13507

Communism—Continued

- USSR—
 - Kommunist (periodical), translations, 3589
 - party spirit of military-historical science, 2157
 - world movement, 1818-1957 selective chronology, 1871
- Communist China, *see* China.
- Communist of Ukraine (Ukrainian periodical):
 - translation, 9183
- Communist Party of Armenia, meeting of AKTIV of party organization, 10758
- Communist Party of China:
 - blueprint for aggression, the People's war, 12648
 - long live victory of people's war, Red Chinese blueprint, 5338
- Communist Party of France, unity-of-the left strategy, 12113
- Communist Party of Iraq, struggle for national independence and democratic development of country, Near East study, 969
- Communist Party of Soviet Union:
 - activities in ministry of railways, 9067
 - activities of Maksim Litvinov as ISKRA agent, 14837
 - CC decree on further improvement of system for raising qualifications of key personnel of kolkhozes, etc., 6214
 - growing role in development of Soviet society, 1062
 - high role of party congresses in establishment and development, 6192
 - intervention in economic affairs, 12153
 - plenum of central committee, Mar 24-26, 1966, report, 7548
 - policy, scientific basis, 16491
 - 23d party congress, selected speeches, 9134, 10729
 - unity of theory and practice, important principle of CPSU activities, 9153
 - wide Socialist competition for meeting of 23d session, 6237
- Communist Party of Sweden, former chairman publishes book, 14903
- Communist Party of Ukraine, history, Ukrainian study, 6219
- Communist Party of United States:
 - activities in Chicago, Ill. area, hearings, 4148
 - convention, statement by J. Edgar Hoover, 13224
 - youth program, 10353
 - youth program, hearings, 11816
- Communities, *see* Cities and towns—Rural communities.
- Community centers, *see* Recreation centers.
- Community colleges, *see* Junior colleges.
- Community development programs:
 - directory, community action programs, 5861, 13258
 - district act of 1966, rural America, planning of public services, etc.—
 - hearings, 8761, 14403
 - reports, 8740, 12918
 - district, designation by Secretary of Agriculture, message from the President, 5604
 - Federal programs, 11347
 - Federal programs for individual and community improvement, catalog, 5860
 - Head Start, invitation to help, 4268
 - homes, etc., publications, price list, 1408
 - rural community action—
 - agricultural program, 10399
 - can serve hard-to-reach older people, 8827
 - food distribution, 10400
 - home food production, 10401
 - rural program—
 - family counseling, 11859
 - remedial reading, 11860

- Community development programs—Con.
 - social welfare's place in process of development—
 - French edition, 15426
 - Spanish edition, 15425
 - we can help clear the air, Jaycee community action program, 15311
- Community facilities:
 - and programs serving public housing, 9636
- Head Start child development centers—
 - daily program, 4273
 - equipment and supplies, 4277
 - good nutrition, 4272
 - medical guide for directors, 4271
 - parent participation, 4275
 - securing the needed staff, 4270
 - selection and recruitment of volunteers, 4274
 - social services, 4276
- hospitals and health facilities, facts for Hill-Burton applicants, 13955
- Navy design manual, changes, 1569
- Older Americans act, grants to States for planning, services and training, 4
- Community Facilities Administration, press releases, 3354
- Community health, *see* Health.
- Community Health Services Division, research and research training grants and fellowship programs, 1433
- Community life:
 - building and maintaining community support for President's Committee on Employment of the Handicapped, 9197
 - naturalization candidates, Federal textbook on citizenship, home study course—
 - for helper, 7502
 - for student, 7503
 - organization for citizen participation in voluntary democratic associations, bibliography, 1396
 - war on poverty, community action program, hometown fight, 7285
- Community mental health services in northern Europe, 5025
- Community Relations Service:
 - aims, programs, accomplishments, etc. (remarks), 4031
 - annual report, 7014
 - CRS media relations, informational monitoring service, 2812
 - director, nomination of Roger W. Wilkins, hearing, 7207
 - press releases, 3355
 - reorganization plan, hearing, 7149
 - transfer to Justice Dept.—
 - disapprove, hearings, 7216
 - message from the President, 4073
 - reports, 8566, 8731
- Community Shelter Planning Policy Council, Civil Defense Office, organization and use, 7027
- Community surveys:
 - Atlantida, case study in household sample surveys—
 - content and design of household surveys, 3938
 - field operations, organization, training, and control, 17012
 - population data controls, 6937
 - sample design, 15596
 - survey objectives and description of country, 3937
 - candidates for saline water demineralization applications, 7514
 - odor surveys and evaluation (paper), 15274
- Como, Miss.:
 - motor carrier accident, 6099
 - railroad accident, 6099
- Compact actuator converts rotary to linear motion, 12307
- Compact retractor protects cabling loops, 4855

INDEX 1966

- Compacts (interstate), *see* Interstate agreements.
- Companies:
- acceptable as sureties on Federal bonds, list, 12546
 - engaged in dual distribution, require disclosure of separate annual operating data, etc., hearings, 5817
 - equal opportunity in business, franchise company data, 8425
 - filing annual reports with SEC, directory, 15321
 - tank units, Army field manual, 8252
 - United States, doing business with NATO, participation, etc., 1691
- Comparative, veterinary, and primate cardiovascular research, 5026
- Comparators:
- FET (field effect transistor) comparator detects analog signal levels without loading analog device, 11018
 - peak ac-de voltage comparator for use in standards laboratory, 5014
- Compatibility:
- columbium and tantalum alloys with potassium, 9542
 - polymeric materials with fluorine and fluorine-oxygen mixtures, 12340
- Compendium of foreign programs, 10017
- Compensation, *see* Employers' liability and workmen's compensation—Pensions—Salaries—Wages.
- Competition:
- banking, and banking structure, studies, 7015
 - diffusion welding, results, USSR study, 17794
 - insured banks, savings and time deposits, eliminate unsound practices, hearings, 11645
 - Peru, market and competitor for U.S. farm products, 13265
- Complementary monostable circuits achieve low power drain and high reliability, 10991
- Composers, American, published concert music, catalog, 1525
- Composite materials:
- boron nitride, ablative and insulating properties, 17922
 - filamentary, mechanics of, 13708
 - errata, 15037
 - gaskets, compatible with liquid oxygen, etc., 15125
 - glass-resin, initiation of failure mechanisms, 15039
 - micromechanics, stresses and failure mechanics induced by inclusions, 15073
 - non-glassy inorganic fibers and composites, 15086
 - tungsten-fiber-reinforced copper, electrical resistivity and conductivity, 15183
 - wood-plastic, engineering and evaluation study for manufacturing, 15534
- Composites:
- cylindrical, precision winding with shaped glass filaments, 15038
 - graphite-metal carbide, 12267
 - low density, high strength high modulus, study, 15041
- Compound interest tables for long-term planning in forestry, 12595
- Compounds:
- complex, use of physical methods to study, 2d conference, 16437
 - synthesis, selected progress report of Organic Chemistry Section, July 1964–June 1965, 1299
 - see also* names or classes of compounds, or purposes for which used.
- Comprehensive export schedule, 7524
- Compressed air:
- distribution systems, maintenance manual, 5255
 - model investigation of solid rocket overpressures due to interference from aft-end ignition rocket, 13840
- Compression of video data by adaptive nonlinear prediction, 13813
- Compressors:
- axial-flow, optimized turning-vane design for intake elbow, 1259
 - Federal item identification guides for supply cataloging, supplements, 2935
 - industrial plant equipment handbook, 10386
- Comprobacion de articulos de consumo preempacados, manual para funcionarios de pesas y medidas, 1291
- Compton, Arthur H., honor the memory of this physicist, remarks and reminiscences, 8298
- Compton, Harold R., study of accuracy of estimating orbital elements of lunar satellite by using range and range-rate measurements, 4911
- Comptroller General, *see* General Accounting Office.
- Comptroller of Currency:
- regulatory authority, strengthen—hearings, 11794, 15963
 - report, 16101
 - report, 1964—
 - departmental edition, 1781
 - document edition, 1794
- Computations, *see* Numerical calculations.
- Computers:
- building computers that hear and speak, USSR study, 12183
 - computer based, adaptive training applied to symbolic displays, 11154
 - computing problems in spheroidal geodesy, USSR studies, 922
 - history, description, etc., understanding the atom series, 11442
 - human voice, recognition, Yugoslavian study, 12171
 - information computer center of machine building plant, USSR study, 6190
 - technology and Federal tax policy (remarks), 11294
 - THRP program, THREE-PEE sampling theory for computer selection criteria, 4473
 - Ukrainian SSR, resources and allocation, 12095
 - use for hospital discharges simulation, 5120
 - use in fine arts, USSR study, 10765
 - see also* Denalt performance computers—Electronic computers—Perceptron.
- Computing machines, *see* Calculating machines.
- Comstock, Hazel B., mineral industry of Mexico, 7698
- Concept for passive system to control gas flow independently of temperature, 13778
- Conceptual design for squeeze film bearings, 12294
- Conceptual design of 50 MGD desalination plants, 846–847, 2111, 6055, 6058–59, 9034, 12043, 12045, 12055, 13430
- Conceptual design 150-MGD LTV desalting plant, 16370
- Conceptual design study for Mars entry vehicle damper, 15042
- Concessions, National Zoological Park, negotiate cooperative agreements granting, reports, 17264, 17489
- Concrete:
- and concreting materials exposed to natural weathering, performance, investigation, 4343
 - census of manufactures, 1963, industry report, 3898
 - control of cracking in mass concrete structures, 1451
 - horizontal construction joints, methods of preparing, 11899
 - interrelations between cement and concrete properties, sulfate expansion, heat of hydration, and autoclave expansion, 13855
 - manual, 18086

- Concrete—Continued
manure tank, circular, 15453
permacrete, preliminary investigations, 3818
products industry, 1947-63, indexes of output per man-hour, 4716
proprietary chemical admixture for, investigation, 7334
quality, effects of fluctuations in coarse aggregate grading, 7338
reinforced, bridge members, strength and serviceability criteria, 18085
standard practice, engineering and design manual, 7329
vibrocondensation in concrete, labor hygiene, USSR study, 9179
Conde, Augusto J. Fernandez-, *see* Fernandez-Conde, Augusto J.
Condemnation of property, insanitary buildings in D.C., amend act, law, 427
Condensation:
dropwise, permanent hydrophobic systems, characteristics, 9041
labor hygiene in vibrocondensation in concrete, USSR study, 9179
vapor, study method and physics of heat exchange, 4989
Condensed milk, *see* Milk.
Condenser tubes, *see* Tubes.
Condensers (vapors and gases):
horizontal surface condensers, REA specification, 8012
liquid-nitrogen-cooled, use in pumping of mercury ion beams, 4965
vapor condensation process produces slurry of magnesium particles in liquid hydrocarbons, 7771
Condit, Philip M., inflight and ground-based simulation of handling qualities of very large airplanes in landing approach, 17884
Condon, Patricia A., activated charcoal, list of selected references, 11086
Conductance, *see* Electrochemical analysis.
Conductivity (electric), *see* Electric conductivity.
Conductors (electric), *see* Electric conductors.
Conduits, large, friction factors, flowing full, 2548
Cones:
and half-cone-pyramid configurations, static stability characteristics, 15162
blunted, reentry configurations, longitudinal aerodynamic characteristics, 7848
blunted right elliptical, Newtonian aerodynamic characteristics, 13809
cone-cylinders, linear aerodynamic loads, 7735
conical shells with free edges, flexural vibrations, 6335
laminar boundary layer in supersonic flow with uniform mass transfer, 9414
magnetic fields due to solid and hollow conical conductors, 2373
pointed and blunted, 30° half-angle, at Mach numbers from 11.5 to 34 in air, experimental stability and drag, 4939
raked-off circular and elliptical, aerodynamic characteristics at Mach number of 20 in helium, 9527
right circular cones for inlets, charts of additive drag coefficient and mass-flow ratio, 11061
semivertex, aerodynamic control, effect of body nose blunting, control planform area, and leading-edge bluntness, 12346
sharp right circular, aerodynamic characteristics at Mach 20.3, 6420
spherically blunted, aerodynamic characteristics, at Mach numbers from 0.5 to 5.0, 2409
weak locally homogeneous turbulence in idealized flow, 16679
see also names of confers.
- Confectionery:
additives, amend food, drug, and cosmetic act—
law, 15702
report, 13123
candy and other confectionery products, industry wage survey, 16537
current industrial reports, 2817, 9963
products, census of manufactures, industry report, 3884
sales and distribution, 173
Confederated Salish and Kootenai Tribes of Flathead Reservation, *see* Flathead Indians.
Conference committees, reports, 482, 490, 498, 1823, 1832, 1838, 7083, 7086, 7090, 7101, 8573, 8637, 10160, 10162, 10166, 11618, 11625-626, 11630, 12924, 12930, 12964, 13008, 14394-395, 14399-402, 15880-882, 15899, 15917, 15927, 17199, 17214, 17216-217, 17228, 17263, 17265, 17274-275, 17284, 17286-288, 17291, 17293, 17310-312, 17320-321, 17324-325, 17327, 17330, 17332-333, 17336, 17338, 17341-342, 17344, 17347-351
Conference on Selected Technology for Petroleum Purposes, Lewis Research Center, general information, 15085
Conferences, congresses, etc.:
civil defense, successful meetings, guide, 8383
conferences in Soviet bloc (periodical), 2780
future international meetings, world lists, 3716-17
Hungary, 1966 scientific events slated, 4677
international organization and conference series, 1491, 6637, 9724, 8066, 11259, 18120
union conventions, 1966, list, 7678
see also names of conferences, etc.—*also* subjects of conferences.
Confidential material, safeguarding, industrial security manual, 13254
Configurations:
aircraft, with canard controls, hypersonic aerodynamic characteristics, 9515
antenna, provide polarization diversity, 6392
Apollo management manual, 1176
arrow, effect of nacelle orientation on aerodynamic characteristics, 6449
clean homogeneous, critical mass studies, 1263
cone and half-cone-pyramid, stability characteristics, 15162
forebody, of nose-mounted 15° conical probe, stagnation and static pressures, 15155
liquid in propellant tanks, simulator, 9509
paraving, dynamic lateral stability and control, 12347
planetary-entry, model study, 13818
slender wing-body, maximum lift-drag ratios at hypersonic speeds, geometric modifications, effect, 7829
tubular, opened from rolled sheet metal strip, 4846
Confinement, effects as factor in manned space flight, 13711
Congo, United Nations use of peacekeeping forces, 5693
Congo (Brazzaville):
background notes, 11243
mineral industry, minerals yearbook chapter, 9362
Congo (Leopoldville):
agricultural commodities, agreement, 1506
background notes, 9715
educational developments, 14550
mineral industry, mineral yearbook chapter, 4776
Congregation Emanuel of Denver, Colo., free entry of stained glass, 7175, 8450

INDEX 1966

- Congress, Joint Committee on Organization of:
 additional expenditures, report, 5752
 hearings, 1791, 11595, 14368
 joint committee print, 451
 reports, 4087, 4170, 13173
 rules of procedure, 451
- Congress of United States:
 code of Federal regulations, 14636
 congressional record—
 daily, 2781
 daily, index, 2782
 88th Cong., 2d sess., bound volume, index, 1782
 89th Cong., 1st sess., bound volumes, 5564-65, 7016-17, 10050-53, 12796-799, 14330-331, 15661-664, 17064
 date of meeting, 89th Congress, 2d session, law, 440
 directory, official edition, 89th Congress, 2d session, 1783
 employees receiving congressional staff fellowships, preserve retirement and insurance benefits—
 law, 7043
 reports, 1844, 5789
 encroachments by executive and judicial branches upon powers of Congress, report, 17546
 executive privilege v. congressional inquiry, hearings, 11595
 joint activities, appropriations, 1967, legislative—
 law, 15727
 reports, 10224, 13168, 14395
 legislative record, 89th Congress, 1st session, digest, 541
 legislative reorganization act of 1966, report, 16150
 major legislative actions, 89th Congress, 4043, 14378, 17154
 organization—
 hearings, 1791, 17578
 index, 14368
 report, print additional copies, report, 13002
 reports, 4087, 4170, 13173
 reports to be made to Congress, discontinue or modify requirements—
 law, 448
 report, 491
 reports to be made to Congress, list, 4062
 Republican report—
 89th Congress, 1st session, supplement, 539
 89th Congress, 2d session, 17405
 see also Congressional documents—House of Representatives.
- Congress, Special Committee on Organization of, Senate:
 establish—
 hearings, 14504
 report, 16106
 hearings, 17578
 report, 16150
- Congressional directory, *see* Directories.
- Congressional districts:
 90th Congress—
 maps, 17019
 redistricted States, 15598-610, 17013-17
- Congressional documents:
 numerical lists and schedule of volumes—
 88th Congress, 1st session, errata, 2518
 89th Congress, 1st session, 9620
- Congressional list (series), 849, 6054
- Congressional record, *see* Congress of United States.
- Congressional serial set, 366-369, 1784-86, 4034-36, 5566-68, 7019, 8446-48, 10054-57, 11532, 12801, 14322-333, 15665-667
 schedule of volumes—
 88th Congress, 1st session, errata, 2518
 89th Congress, 1st session, 9620
- Conic frustums, *see* Frustums.
- Conifers:
 Maine, estimating tree specific gravity, 10595A
 natural regeneration in relation to environment, 8975
 seeding conifers and buffer crops to reduce deer depredation, 17687
 shelterwood harvest methods and results for coniferous species, 1930-64, bibliography, 10613
- Conley, William T., performance of 8 seed sources of ponderosa pine in Denbigh Experimental Forest, N. Dak., 5982
- Connally hot oil act, *see* Petroleum.
- Connecticut:
 bus taxation proration compact, consent of Congress, law, 414
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
 county business patterns, 5461, 15577
 District Court, term to be held at New London—
 law, 15737
 report, 17481
 electric rate book, 10481
 Fairfield County Soil and Water Conservation District, recreation pond, sanctuary for family bird watching (colored poster), 9666
 fireplace wood market in urban areas, 17700
 life tables, 18014
 mineral industry, minerals yearbook chapter, 17840
 postal map, 13934
 Waterbury-Bristol area, water resources, 823
- Connecticut River National Parkway and Recreation Area, establish, hearing, 13216
- Connecticut River National Recreation Area:
 study feasibility—
 law, 17114
 reports, 13136, 15875
- Connectors (electric):
 bayonet-type, coupling facilitated with modified pliers, 17893
 bismuth alloy potting seals aluminum connector in cryogenic application, 7792
 device serves as hinge and connector for circuit board, 13794
 feed-through connector withstands high temperatures in vacuum environment, 2379
 floating device aligns blind connections, 4844
 high pressure, low temperature electrical connector makes no-leak seal, 7759
 interconnection problem in microelectronics, survey/study, 7736
 junction connectors for strategic placement of television cameras, 15121
 polarizing keys prevent mismatch of connector plugs and receptacles, 12296
 separable tubular brazed, induction, processed, 12273
 single connector provides safety fuses for multiple lines, 6376
 tool enables proper mating of accelerometer and cable connector, 9498
- Connectors (structural):
 threaded split ring connector separates structural sections, 4877
- Connectors (tube):
 brazed, improved tool easily removes, 4840
- Conner, W. J., water vapor electrolysis unit, 16613
- Connor, John T.:
 addresses, etc.—
 Oct. 25, 1965, 356
 Oct. 29, 1965, 331
 Nov. 2, 1965, 355, 359
 Nov. 4, 1965, 353
 Nov. 11, 1965, 334
 Nov. 15, 1965, 330
 Nov. 17, 1965, 332
 Nov. 18, 1965, 329

- Connor, John T.—Continued
addresses, etc.—Continued
Nov. 23, 1965, 333
Dec. 1, 1965, 335
Dec. 3, 1965, 354
Dec. 15, 1965, 1777
Jan. 12, 1966, 4023
Jan. 24, 1966, 4021
Jan. 25, 1966, 4022
Feb. 9, 1966, 5543
Feb. 21, 1966, 5545
Mar. 1, 1966, 5559
Mar. 2, 1966, 5558
Mar. 3, 1966, 5560
Mar. 10, 1966, 5544
Mar. 26, 1966, 6999
Mar. 31, 1966, 6998
Apr. 1, 1966, 6997
Apr. 13, 1966, 8421, 8441
Apr. 18, 1966, 8429
Apr. 20, 1966, 8424
Apr. 28, 1966, 8423
May 2, 1966, 8422
May 24, 1966, 10016
June 14, 1966, 10046
June 15, 1966, 10044
June 16, 1966, 14328
June 22, 1966, 14320
June 23, 1966, 11510
July 8, 1966, 11509
July 28, 1966, 12794
Sept. 14, 1966, 15641
Sept. 28, 1966, 15656
Oct. 4, 1966, 17053
Oct. 7, 1966, 17062
Oct. 11, 1966, 17061
Oct. 12, 1966, 15655
1966 outlook and 1965 year-end economic review, 1771
Connors, Mary M., differential color sensitivity in purple region, 6284
Conrad, Joseph, market for U.S. scientific, industrial and technical instruments and equipment in France, 1773
Consciousness, functional prerequisites and particular features, USSR study, 2256
Conscription:
local board memoranda, 3162
local draft boards, etc., administration and operation of Selective Service System, review—
hearings, 13020
interim report, 13021
local draft boards, present operations of Selective Service System, memorandum, 5720
selective service (periodical), 3511
selective service, college qualification test, bulletin of information, 8017, 15322
selective service, historical background and chronology, outline, 12499
selective service regulations, 3512
Conservation, *see* Natural resources—Soil conservation—*also* subjects.
Conservation farming, *see* Soil conservation.
Conservation notes, 10529-530, 17675
Conservation research reports, 13, 3736, 9791, 15435
Conspiracies, organizational conspiracies act, report, 17352
Constantan, multiple temperatures sampled using one reference junction, 12302
Constitution of United States:
amendments—
House of Representatives 4-year terms, hearings, 8672
investigation, authorization, report, 4205
preserve to people of each State power to determine composition of its legislature and apportionment of membership thereof, report, 5776
Presidential inability, etc., report, 1838
proposals, 89th Congress, 1st session, report, 13130
school prayer, hearings, 16191
Constitution of United States—Continued
Bill of Rights, 5-cent commemorative postage stamp (poster), 11172
constitutional rights—
American Indians, hearings, 1942
investigation, authorization, report, 4188
religious freedom, State law relating to transportation and textbooks for parochial school students, 16241
study, subcommittee activities, report, 16122
constitutionality of grants or loans under certain acts, judicial review, hearings, 11818, 13223
enforcement of establishment and free exercise clauses of 1st amendment, report, 13164
individual rights, layman's guide, 4227
our Constitution and Government, Federal textbooks on citizenship, 6052, 7504
psychological tests and constitutional rights of Federal employees, hearings, 10356
text, 13327
print additional copies, reports, 10190, 16097
print as House document, reports, 10190, 17472
with analytical index, unratified amendments, 15786
Constitution Week, bulletin, 16367
Constitutional rights, *see* Constitution of United States.
Constitutions, *see* names of organizations.
Construction, *see* Building—Construction industry—Installations (military)—Roads and highways—Underground construction.
Construction equipment, *see* Building machinery.
Construction grants for community facilities for mentally retarded, 12462
Construction industry:
Bulgaria, activities of computer center, 13535
construction activity, reports, 2786
construction authorized, Washington, D.C., area, 2783
construction reports, 1710, 2783-88, 5458, 12704-705, 14263
construction review, monthly industry report, 2789
statistical supplement, 5433
expenditures, employment effects, 13621
fatalities for analysis, 10850
flow-line production methods, basis of power-plant construction, USSR study, 2278
full skill potential of labor needed (remarks), 1077
projects, common situs picketing, report, 5543
safety on jobsite, planning for, 16517
Soviet construction and building materials industry, translations, 3613
statistics, 5433
wage and hour provisions of fair labor standards act coverage, 9761
weather and construction industry, general information 17637
Construction labor, *see* Labor.
Construction machinery, *see* Building machinery.
Construction machinery operator, *see* Operating engineers.
Construction mechanic 1 & C, Navy training course, 6529
Consuls, foreign consular offices in U.S., 9720
Consultants, college and university faculty members, policies, practices, and problems, 9575
Consumer Affairs, Office of Special Assistant to the President for, *see* Special Assistant to the President for Consumer Affairs, Office of.

INDEX 1966

- Consumer and Marketing Service:
 appropriations, 1967—
 amendment, 13068
 hearings, 8648, 11787
 C&MS series, 590-591, 3831-35, 4231,
 7239-40, 10373-374, 11835, 13232-234,
 14507-511
 poster, 7247
 service and regulatory announcements,
 1955, 4235-36, 7245-46, 10376, 11837,
 16203
 Consumer bulletins, FHA, 4372, 13321
 Spanish editions, 8896, 8899
 Consumer credit, *see* Credit—Installment
 credit.
 Consumer finance companies, *see* Finance
 companies.
 Consumer goods, *see* Commercial products.
 Consumer income, *see* Income.
 Consumers:
 action and war on poverty, conference
 proceedings, 7274
 being wise consumer (remarks), 2516
 buying indicators, series, 268, 5496, 11474,
 14278
 consumer education of interest to Govern-
 ment and business alike (address),
 10015
 consumer in market, challenge for both
 (remarks), 6741
 consumers and farmers, agricultural mar-
 keting, vital link, 6753
 credit, quick guide, Spanish edition, 1606
 education, FDA student materials, 4431
 expenditures and income—
 rural farm population—
 north central region, 14117
 northeastern region, 15438
 southern region, 14118
 United States, 12590
 western region, 25, 12589
 rural nonfarm areas—
 north central region, supp., 2289
 northeastern region, 1089
 southern region, supp., 2290
 United States, supp., 6255
 western region, supp., 2291
 urban and rural—
 north central region, 7662, 10855
 northeastern region, 10854, 12207
 southern region, 7663, 13591
 tables, 2292
 United States, 10857, 12208
 western region, 9205, 10856
 FDA memo for consumers, CM (series),
 2049, 5968, 8946, 10545
 FDA radio-TV packet (periodical), 3450
 food and agriculture act of 1965, questions
 and answers, 36
 information, price list, 2519
 merchant and consumer, partners in pros-
 perity (address), 5090
 Negro, in the West, 14983
 opinions and attitudes about poultry and
 poultry products (remarks), 3749
 partnership in consumer service (address),
 1603
 price index, 2793
 items, relative importance, 1096
 selected items and groups, 6270, 12221
 protecting interests, message from the
 President, 7068
 protection, fair packaging and labeling in
 interstate commerce, hearings, 15980-
 981
 publications, list, 843
 purchases of citrus fruit, juices, drinks,
 and other products (periodical), 2794
 right to safety, etc., (address), 2512
 service, USDAs report (periodical), 3514
 USDA consumer expenditure survey re-
 ports, 25-26, 5277, 1577-79, 6718, 8139,
 9796-99, 11342-343, 12588-590, 14117-
 118, 15438
 USDA services, guide, 15451
 Consumers Department, create, hearings,
 15970
 Consumption (economics):
 industrial diamond & small diamond dies,
 9943
 USSR, new directions in Soviet economy,
 12485
see also Food.
 Contacts (electric), *see* Electric contacts.
 Contagion and contagious diseases:
 infectious diseases, classification, USSR
 study, 1042
 infectious diseases of nervous system,
 progress, summary, 1319
 morbidity and mortality weekly report,
 3225
 natural foci, related to epidemiology,
 USSR study, 9125
 organization of epidemic control within
 foci of infectious diseases, USSR study,
 9142
 treatment and handling of certain infec-
 tious diseases in USSR, 17752
 treatment and prophylaxis of infectious
 diseases with immune gamma globulins,
 USSR study, 14822
see also Diseases of animals.
 Containers:
 CHENIS container for lowering liquid dye
 to any sea depths, USSR study, 14799
 closures, current industrial reports, 2817,
 11463
 customs convention, 13081
 empty cargo, etc., exempt from coastwise
 trade laws, hearing, 10335
 environmentally controlled reusable, for
 shipping and storing critical parts,
 12300
 epoxy-coated, use of wire band for ease in
 opening, 9481
 Federal item identification guides for sup-
 ply cataloging, supplements, 2934
 fiberglass container shells form contam-
 ination-free storage units, 11011
 glass, current industrial reports, 2817,
 12717
 glass, destination of shipments, current
 industrial reports, 12713
 industry report, 2795
 information sources, 179
 paperboard—
 census of manufactures, 1963, industry
 report, 5441
 industry wage survey, 9331
 requirements under agricultural marketing
 agreements, continue, law, 431
 rigid, nonlinear lateral sloshing, studies,
 4830
 shipping containers for eastern-grown
 peaches, evaluation, 6756
 single service, for milk and milk products,
 fabrication, sanitation standards guide,
 15278
 sources of information, 8320
 steel, marking to indicate country of origin
 of steel, report, 12907
 wooden, census of manufactures, 1963,
 industry statistics, 6898
 Contamination:
 control, Apollo Program handbook, 17871
 environmental lead, symposium, 8002
 fiberglass container shells form contam-
 ination-free storage units, 11011
 radioactive, resulting from use of nuclear
 explosives for stimulating petroleum
 production, 1158
 restoring quality of our environment, 1399
 safeguarding food products and water
 from agents of mass destruction, USSR
 study, 891
see also Air pollution.
 Contested elections:
 cases, limit to contests brought by candi-
 dates named on official ballots, clarify
 statutes, reports, 17259, 17296

Contested elections—Continued congressional, Mississippi, hearings, 516
 Peterson *vs.* Gross, hearing, 515
 Contests, *see* names of contests, or subjects involved.
 Continental Air Lines, Inc., accident, 12735
 Continental Shelf:
 development and potential of U.S. Continental Shelves, Battelle Memorial Institute report on its study, 10002
 interagency conference on research of resources, 8862
 Outer Continental Shelf lands act as extended, 13285
 Continents, earth's crust and upper mantle, USSR study, 16446
 Contra Costa County, Calif., dental health programs, 6586
 Contraception, *see* Birth control.
 Contract Appeals, Government Board of, *see* Government Board of Contract Appeals.
 Contractions, *see* Abbreviations.
 Contractor reports NASA CR (series), 1179-91, 2358-69, 4804-32, 6328-49, 7721-48, 9390-9442, 10936-970, 12264-274, 13707-719, 15037-77, 16589-618, 17872-884
 Contractors:
 how to do business with GPO, guide, 12034
 NASA contractors trim cost, 7749
 see also Government contracts.
 Contracts:
 Bulgaria, new system of planning and economic management, 16454
 contract reports, Waterways Experiment Station, 4335-36, 8861
 franchising agreements, effect on small business, hearings, 14495
 regulations governing reports on obligations, 6674
 see also Government contracts.
 Control (vehicle), *see* Aircraft—Airplanes—Helicopters—Satellites—Spacecraft—Wings (aircraft).
 Control circuit maintains unity power factor of reactive load, 16645
 Control lines, maintenance, FAA handbook, 16256
 Control surfaces, *see* Aircraft.
 Control systems:
 asymptotic optimal systems as model of process of teaching control to system, USSR study, 10792
 attitude control of space-vehicle upper-stage, use of rotating-solid-rocket control system, errata, 15132
 automated production, USSR developments, 16399
 automatic, multiply-connected variable-structure, autonomy, USSR study, 17765
 automatic regulation and control, USSR studies, 15203
 biological, review and evaluation, 16598
 bounded phase coordinate control, 9438
 control of time variable, nonlinear multi-variable systems using Liapunov's direct method, 7729
 controllability of nonlinear systems, 9428
 cybernetics and control theory, USSR study, 14853
 differential games and manual control, 16704
 high-power-level temperature controller for space flight applications, 7842
 human transfer functions used to predict system performance parameters, 15109
 in-flight synthesis, data requirements, and multiple blender studies, 15055
 information requirements, 10937
 maintain compartment at constant temperature, 10997
 maintaining selected liquid level, 4872
 man-machine relationships in railroad control, USSR study, 17791
 manually controlled translation over lunar system, fixed-base visual-simulation study, 17919

Control systems—Continued
 minimum effort, theory, 6330
 multi-axis and multi-loop, human transfer functions, 9512
 multi-variable manual studies, two-axis compensatory systems, 16593
 on-off rate diagrams to analysis and design, applications, 10952
 optimal control of saturating systems with stochastic inputs, 12356
 optimization of relay controlled system subjected to random disturbances, 10958
 optimum control and estimation theory, combined, 9401
 orbital testing requirements for guidance and control devices, 4813
 parawings, low-speed force and flight investigation of various methods, 4899
 passive gravity-gradient stabilization, symposium, 16620
 phase-locked-loop control for driving ultrasonic transducers, 15174
 radioisotope process control, large volume detectors evaluation, 8276
 rockets, nose-mounted rotating-solid-propellant, 7855
 spacecraft—
 digital stabilization study, 13713
 orientation, use of photovoltaic solar sensor, 6447
 temperature control unit for sounding rocket applications, 16655
 transient response from Lyapunov stability equation, 11057
 uncoupled and coupled manual systems, human tracking performance, 15045
 unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536
 unit-type centralized production system, general problems of designing, USSR, study, 2236
 USSR progress, 16393
 variable-structure automatic, with low sensitivity to rapid, broad changes in parameters of object of control, USSR study, 14913
 water vapor jets for space vehicle attitude, 13846
 see also Feedback control systems.
 Control towers, *see* Towers.
 Control your weight, 16792
 Controllers, *see* Interpolation path controllers.
 CONUS, *see* Installations (military).
 Convection of heat, *see* Heat transfer.
 Convention of American Instructors of the Deaf, proceedings of 42d meeting, 4158
 Conventions, *see* Conferences, congresses, etc.
 Conversion of oleoresin yields from short-season microchipping to full-season yields from standard chipping, 4454
 Conversion table of code and title changes between 2d edition and 3d edition, dictionary of occupational titles, 4325
 Converted flexible packaging products, 3920
 Converters, *see* Digital-to-analog converters—Thermionic converters.
 Converters (electric), *see* Electric current converters.
 Conveyers, pneumatic, for distributing farm feed, 15477
 Convulsions:
 anticonvulsants used in treatment of seizures, USSR studies, 9099
 influence of different grades of hypoxia on sensitivity to epileptogenic agents, etc., USSR study, 1022
 Cook, A. Clinton, survey of Mexican vegetable and melon production, 13354
 Cook, Alton B., derivation and application of material balance equation for partly depleted oil reservoirs repressured with gas, 9383
 Cook, Desmond L., program evaluation and review technique, applications in education, 17624

- Cook, Glenn L., mass spectra of organic sulfur compounds, 4788
- Cook Inlet, region, Alaska, tertiary stratigraphy and paleobotany, 12020
- Cooke, C. Wythe, emerged quaternary shore lines in Mississippi embayment, 14014
- Cooke, Julian P.:
neurologic adaptations in mice exposed to chronic 2x gravity field, 93
verbal communication intelligibility in oxygen-helium, and other breathing mixtures, at low atmospheric pressures, 8205
- Cooke, Marion L., distribution of Pennsylvania anthracite for 1964-65 coal year, 2317
- Cookery:
principles, 8158
publications, price list, 17992
training under MDTA program, 10427
see also Recipes.
- Cooking appliances, current industrial reports, 2817, 15585
- Cooks, training under MDTA program, 10427
- Coolants:
electric and electronic equipment, etc., bibliography, 3989
liquid, manifold, welds chilled by, 13789
organic, irradiated, friction factor and heat transfer correlation, 9920
radial coolant channels fabricated by simplified methods, 12309
turbine-coolant flow, effect on Brayton-cycle space-power system performance, 12354
see also names of coolants.
- Coolies, *see* Chinese—Japanese.
- Cooling:
argon purge gas cooled by chill box, 9465
effects of subcooling on boiling in discrete bubble region, 16651
electric and electronic equipment, etc., bibliography, 3989
homes, heat pumps, 12598
see also names of commodities.
- Cooling appliances, *see* Refrigeration and refrigerating machinery.
- Coombs, Charles A., Treasury and Federal reserve foreign exchange operations, 7421, 17663
- Coombs, L. Madison, Indian education, 12040
- Cooper, B. K., Jr., concentration gradients produced in electrolytes by magnetic fields, 9044
- Cooper, Dale W., generator with superconducting magnetic field for use in 1-megawatt space power systems, 7864
- Cooper, G. Arthur, *Stringocephalus* in Devonian of Indiana, 11224
- Cooper, James D., kyanite and related minerals, 13685
- Cooper River, navigation improvement, 13298
- La cooperación internacional, el aporte de la Administración de Bienestar, 16902
- Cooperation, convertibility and compatibility among information systems, literature review, 11091
see also International cooperation.
- La coopération internationale, contribution de l'Administration des Affaires Sociales, 16903
- Cooperative economic insect report, 5273
- Cooperative housing, *see* Housing.
- Cooperative Month, observance, 14593
- Cooperative research monograph series, 11881, 17624
- Cooperative State-Federal *Salmonella* reports, 9789
- Cooperative State Research Service:
appropriations, 1967, hearings, 8648, 11787
CSRS series, 5836
- Cooperative weather observer, 5226
- Cooperative Wildlife Research Unit, Bureau of Sport Fisheries and Wildlife, 30 years of progress, 7440
- Cooperatives:
bargaining, look to future, 14595
basic features, 14590
communications vital to cooperatives, 14592
directors—
democratic election, 5909
training programs, 5910
farm credit, publications, 4349
grain, general information, 2000
ideal director, 7348
in rural community action, 7275
nonprofit, exempt from FPC jurisdiction, clarify, hearings, 1931
supply cooperatives, general information, 14589
technical and economic assistance under foreign assistance act of 1961, staff report, 13024
see also Farmers cooperative organizations — Forestry cooperatives — *also* names of commodities.
- Coordinates:
bounded phase control, 9438
cartesian coordinates and partial derivatives of two-body problem, 16589
Hansen's, in lunar problem, development by method of iteration, 7887
State plane coordinate intersection tables, Alaska, errata, 6983
- Coordinator's scoreboard, review of what's new in placement of handicapped, 8393
- Coot, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Copepods:
Argulus, parasitic, 11969
Ergasilus, Achtheres, and Salmincola, parasitic, 11970
see also Crustaceans.
- Copper:
aluminum plating, suggested method, 9448
base alloys, chemical analysis procedures, 12436
boron-deoxidized, withstands brazing temperatures, 15092
copper-monel, electron beam welding facilitated by circular magnetic shields, 11009
determination, with disodium ethylenedinitrilo tetraacetate (EDTA), 17861
duty-free entry, hearings, 5713
duty-free treatment of certain forms—
law, 11577
reports, 8633, 11752
electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
extraction from low-grade ore by *Ferrobacillus ferrooxidans*, environmental and nutritional factors, effect, 4795
fins, radiating stainless-steel-clad, two-dimensional heat transfer, 4903
industry—
meeting future needs (remarks), 6293
mineral industry survey, monthly, 2797
quarterly report, 2798
report, annual statistical supplement, 12691
magnetoresistance devices as magnetometers, 13839
mill and foundry products, current industrial reports, 2818, 8352
minerals yearbook chapter, 1107, 17835
ores, census of mineral industries, 1963
industry statistics, 15575
scrap, consumers, mineral industry survey, monthly, 2799
transfer from national stockpile to Bureau of Mint, hearing, 570
wire coated with nickel and silver resists corrosion, 17895
wire, tables, NBS handbook, 5005

- Copper foil, provides uniform heat sink path, 4841
- Copper selenide, cuprous selenide and sulfide form improved photovoltaic barriers, 4862
- Copper sulfate, mineral industry survey, monthly, 2800
- Copper sulfides :
cuprous selenide and sulfide form improved photovoltaic barriers, 4862
- oxidation leaching in ammoniacal pulps at elevated temperatures and pressures, 13692
- Copra :
duties on importation—
alteration, report, 5771
suspension, law, 8464
- Copying equipment, 5368, 15514
- Copyright :
Australia, protection, laws, etc., 345
catalog of copyright entries, 595-598, 1956, 4238, 5838-39, 8793, 11838, 17602-604
code of Federal regulations, 10506
Colombia, protection, laws, etc., 14326
decisions of courts, 594
general information, 1957
law, revision—
hearings, 4137
report, 17292
musical compositions, general information, 7248
- Copyright Office :
bulletin, 594
circulars, 1957, 7248
fees, increase, law, 399
Register of Copyrights, annual report, 10379
- Coral reefs and islands, marine amphipoda of atolls in Micronesia, 2466
- Corbett, Edward S., emergency revegetation to rehabilitate burned watersheds in southern California, 10605
- Corbin, Patrick L., maneuver load fatigue test results, programing techniques and load factors influence, 4913
- Cordage :
fiber (sisal), disposal from national stockpile—
hearings, 11643
law, 11571
reports, 10150, 11755
- Cordaro, Joseph T., isolation of Mima and Herellea from experimental space-flight diet, 11382
- Cordell Hull Navigation Lock, Cumberland River, Tenn., filling and emptying system, hydraulic model investigation, 16251
- Corduroy, general imports and manufactures, 8321
- Corduroy Creek, effects of juniper and pinyon eradication on streamflow from basin, 10643
- Corea, Serafina A., *see* Cappadona, Sarah A.
- Cores (reactor), *see* Reactors (atomic).
- Corey Creek basin, effects of agricultural conservation practices on hydrology, 17725
- Coriolis stimulation :
dynamic characteristics of responses, effects of motion sickness, 100
effects of flying experience on vestibular system of pilots and nonpilots, 9877
motion sickness, speed of recovery in relation to pilots and nonpilots, 14194
responses of flying personnel with different levels of proficiency, 9873
- Cork :
insulation, nylon bit removes without damage to substrate, 9464
used to make tooling patterns and molds, 13763
- Corkboard :
insulation, make permanent existing duty-free treatment—
law, 10082
reports, 8553, 10296
- Corkern, Ray, *crambe abyssinica*, 1945-65, bibliography, 14543
- Corliss, William R. :
computers, 11442
SNAP nuclear space reactors, 15551
- Corn :
diseases in United States and their control, 12592
futures, commitments of traders, 2765
futures trading and open contracts, 3014
hydrocooling stacked crates, 12582
marketing by Commodity Credit Corporation, impact on small business, hearings, 15992
parasitic plant attacks corn, 58
shelled—
drying, methods, etc., 1583
inert dusts for protection in Georgia from insect attack, evaluation, 14109
protection against insects, progress report, evaluation in Illinois, 14108
sweet, commercial growing, 14135
value of mature corn for silage, 14107
see also Hominy grits.
- Corn Belt, commercial farms, 1965, costs and returns, 14533
- Corn meal, *see* Meal.
- Corn oil, U.S. production and use, 1947-65, trends, 7287
- Cornelius Co., President's E award for export excellence (remarks), 10043
- Cornwall, H. R., nickel deposits of North America, 13401
- Corona (solar), *see* Sun.
- Coronado National Memorial, general information, 7943
- Coronary diseases, *see* Heart diseases.
- Corpas, Miguel A. Martinez y, *see* Martinez y Corpas, Miguel.
- Corporations :
corporate adjustment techniques under voluntary balance of payments program (remarks), 1769
corporate reorganization releases, SEC, 2-01
District of Columbia income and franchise tax act, amend—
laws, 15761, 17106
reports, 12905, 17201
doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, list, 4392
income tax returns statistics, 7521, 9049
industrial, invitation to join in research, 6475
lenders from jurisdictions outside D.C. making loans secured by D.C. property, clarify status under income and franchise tax act—
law, 15761
report, 12905
manufacturing, quarterly financial report, 3440
marketing food and kindred products, advertising expenditures, 624
Portuguese, newly elected presidents and senior offices, 4687
sales, profits, and dividends, quarterly report, 3489
small business, amend internal revenue code—
law, 8465
reports, 5649, 7176
- Corpus, Consuelo A., relief, 1813
- Correctional institutions, *see* Reformatories.
- Correctional officers, pros and cons, new roles for nonprofessionals in corrections, 14084
- Corregidor-Bataan Memorial, agreement with Philippines, 11263
- Corregidor-Bataan Memorial Commission :
annual report, 464
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10160, 10281

INDEX 1966

Correlation (statistics):

- friction factor and heat transfer correlation for irradiated organic coolants, 9920
- heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192
- of data from tests on nickel-cadmium batteries, 10948

Correspondence:

- Defense Supply Agency, manual, 7259, 10392
- Engineers Corps (Army), Defense Dept., regulations, 10437
- Navy manual, 7977

Correspondence schools and courses:

- Industrial College of Armed Forces, national security management, 2144, 4586, 13445
- Navy, training manuals and correspondence courses, list, 9588
- USAFI offerings by college, etc. DoD pamphlet, 14203, 15502
- USSR, part-time education, correspondence study, etc., 650

Corrick, John D., copper extraction from low-grade ore by *Ferrobacillus ferrooxidans*, 4795

Corrosion and anticorrosives:

- build-up of radioactive corrosion products in pressurized-water reactor, effect of purification system, 10745
- carbon steel heat transfer surfaces corrosion, 4557
- copper wire coated with nickel and silver resists corrosion, 17895
- corrosion mechanisms in saline water, research using reversible and irreversible electrodes, 12052
- corrosion of metal samples rapidly measured, 7794
- corrosion properties of molybdenum, tungsten, vanadium, and some vanadium alloys, 4796
- corrosion resistance of flame-fused teflon-coated, magnesium and aluminum alloys, 12432
- corrosion studies in water systems of ordinary and atomic power plants, USSR, 924
- high-temperature influence of yttrium on oxidation of nickel at 1,200° C, studies, 12255
- inhibitor testing, use of hot-finished mild steel coupons, 2348
- intergranular corrosion of lead-antimony grid alloys, 16763
- lithium corrosion of metals, USSR studies, 16426
- market for corrosion protection methods and materials in Sweden, 176
- nickel/tin coating protects threaded fasteners in corrosive environment, 2402
- plastic coatings, anticorrosive, USSR study, 10701
- salt stress corrosion of residually stressed Ti-SAl-1Mo-1V sheet, 7837
- salvaging corroded equipment, surface chemical methods, 1376
- white primer permits corrosion-resistant coating of minimum weight, 9497

Corrosives, diaphragm valve for flow control has unique features, 15096

Corsets, current industrial reports, 12708, 15582

Corsiglia, Victor R., low-aspect-ratio delta-winged model equipped with sharp-edged strakes, 16684

Corson, Donald R., laboratory study of effect of cement and dispersant additives on hydraulic backfill, 16576

Cortez, J. L. M., application of unitary transformations to fourth order perturbation theory, 9543

Cortez district, Nev., gold geochemical anomaly, 14751

Corticosteroids:

levels in parotid fluid, serum, and urine, prednisolone and triamcinolone effects, 9868

parotid fluid response during dexamethasone suppression tests, 11383

COSATI, *see* Scientific and Technical Information Committee.

Cosby, William A., meteoroid environment and its effects on materials and equipment, 4834

Cosmetics:

food, drug, and cosmetic act—amend, hearings, 15979

amend, report, 17269

as amended, text, 11984

enforcement and compliance, FDA report, monthly, 2915

enforcement regulations, 16318

food, drug, and cosmetic laws, State officials enforcing, directory, 5967

import detentions, report, 3465

trade practice rules for industry, 11960

Cosmetologists, *see* Beauty operators.

Cosmic dust, meteoric matter in interplanetary space, 1285

Cosmic rays:

intensities and charge composition of low energy electrons at balloon altitudes, 2413

intensity variations, 6473

research, Musala Mountain Research Station, Bulgaria, 2207

Cosmogony, *see* Universe.

Cosmology, without general relativity, 6423

Cosmonautics, *see* Astronautics.

Cosmonauts:

first on the moon, USSR study, 2184

physiological, acoustic, and cardiac studies based on experience, USSR study, 9137

physiological, etc., examinations of Voskhod crew, results, 12149

COSPAR, *see* Space Research Committee.

Cost:

Agriculture Department, cost reduction program (remarks), 9837

defense contract data, need for audits to detect lack of disclosure prior to award, GAO report, 6014

Defense Department cost reduction program, report 1966, memorandum, 13243

farm cost situation, 629

farm costs and returns—

commercial, by type, size, and location, 12597

commercial Corn Belt farms, 14533

commercial egg farms, 621

commercial egg-producing farms, New Jersey, 14532

commercial, long-term study, 8167

commercial tobacco farms, coastal plain, North Carolina, 10412

commercial tobacco-livestock farms, Bluegrass area, Ky., 14531

commercial wheat farms, Pacific Northwest, Northern and Southern Plains, 14530

illness, estimating, 13966

low cost marketing aids for higher export profits, 4575

marketing, distribution cost analysis, 16819

NASA contractors trim cost, 7749

reduction program and you, Veterans Administration, 5210

reduction program, Defense Dept., examination, 14408A

reduction report, Defense Dept., 2802

unit cost of local service air carriers, 6947, 8380, 11487

western livestock ranches, 14529

see also names of commodities, e.g. Food—also subjects.

Cost accounting, *see* Accounts and accounting.

- Cost and standard of living :
 adjustment in star route contract prices—
 reports, 1834, 11781
 veto, 12859
 improving rural living conditions through
 new economic opportunities (address),
 14127
 living costs abroad, Department of State
 indexes, 2305
 winning fight against inflation (remarks),
 17799
- Costa Rica :
 military mission, agreement, 15351
 mineral industry, mineral yearbook chap-
 ter, 7688
- Costigan, Peter J., dynamic-model study of
 planetary-entry configurations in Langley
 spin tunnel, 13818
- Costrell, Louis, standard nuclear instrument
 modules, 6862
- Costs of world peacekeeping, report, 7104
- Costume jewelry, *see* Jewelry.
- Costumers, wearing apparel, wood, general,
 office, Federal standard, 14644
- Cote, Charles E., telemetry data frame read-
 out system, 7872
- Cote, William A., performance of positive
 crankcase ventilation systems on auto-
 mobiles in Cincinnati, Ohio, 15293
- Cotton, James A., soil survey report, Fayette
 County, Ala., 8031
- Cotton :
 and manmade fibers competition in Japan,
 13355
 basket-storage systems, California and
 Texas, costs, 50
 boll weevil control in field experiment
 with machine designed to destroy shed
 cotton squares, 14106
 broad-woven goods, current industrial re-
 ports, 249, 2818
 cloth, prices of cloth, raw cotton, and mill
 margins, etc., 3203, 13239
 cooperatives on plains of Texas, services
 and benefits, 5908
 cotton and related data statistics, 1925-62,
 1965 supplement, 64
 cotton situation, 2809
 drying and cleaning at gin, effects on
 fiber, etc., 44
 exports, factors affecting, 10410
 fiber and processing test results, 2803
 fiber properties, seed cotton drying system,
 experimental and conventional, compara-
 tive effects, 6755
 fibers and yarn, fiber and processing tests,
 regulations, 4236
 foreign agriculture circulars, 2987
 futures trading and open contracts, 3011,
 3014
 imports of manufactures, foreign trade
 reports, 2995
 in India, 2055
 International Cotton Institute, agreement,
 articles, 12525
 man-made fiber staple, and linters, cur-
 rent industrial reports, 2817, 5476
 mill margins report, 3203
 monthly cotton linters review, 3211
 outlook in 1966 (talk), 4289
 price statistics, monthly, 2807
 prices, spot quotations, 3532
 production and distribution, 15564
 production, monthly release, 2808
 production, 1965 crop, 12706
 quality and spinning performance in Mis-
 sissippi, comparative effects of mechan-
 ical picking spindles and handpicking,
 3758
 quality report for ginnings, 3640
 quality survey, fiber and processing tests
 from selected production areas, annual
 summary, 8144
 reclaiming gin-loss cotton, 11367
- Cotton—Continued
 regional cotton mechanization research
 projects S-2 and W-24, references, lists,
 14104
 research and promotion program—
 hearings, 8646, 11784
 law, 11594
 reports, 7080-81, 11766, 12924
 Syrian industry, current situation and
 outlook, 13353
 textiles—
 industry wage survey, 14979
 tariff schedules annotated, long term in-
 ternational arrangement categories,
 8319
 trade agreement with—
 Colombia, 15367
 Greece, 15356
 Hong Kong, 1503
 Israel, 16863
 Japan, 9736
 Philippines, 5160
 Poland, 15371
 Yugoslavia, 6052
 Turkey, production, etc., 16319
 upland—
 cost of producing in United States,
 17616
 domestic allotment program, statistical
 summary, 9803
 USSR production, report of U.S. technical
 study group, addendum, 14159
 varieties planted, 13236
 varieties planted in early producing sec-
 tion of Texas, 10375
 variety tests, regional, results, 3727
 weekly cotton market review, 3699
 what new cotton law will do (address),
 8173
see also names of manufactured articles
 and materials.
- Cotton gins and ginning :
 consolidated cotton report, 2804
 cotton ginnings by counties, 2805
 cotton ginnings by States, 2806
 drying and cleaning cotton at gin, effects
 on fiber, etc., 44
 equipment, 13235
 high-capacity cotton gins, power require-
 ments and costs, 11359
 lint cleaning, effects of fiber moisture and
 amount of lint cleaning, 16943
 quality report for ginnings, 3640
 reclaiming gin-loss cotton, 11367
- Cotton Institute, Chirpan, Bulgaria, 40th
 anniversary, 17784
- Cotton Institute, International, *see* Inter-
 national Cotton Institute.
- Cotton machinery, comparative effects of me-
 chanical picking and handpicking on cot-
 ton quality, 3758
- Cottonseed :
 quality, 1965 crop, 13237
 seed cotton drying system, experimental
 and conventional, comparative effects on
 cotton fiber properties, 6755
- Cottonseed meal, *see* Meal.
- Cottonseed oil :
 futures, commitments of traders, 2764
 futures trading and open contracts, 3011
- Cottonwood, tips for managing drought-
 stricken cottonwoods along lower Missis-
 sippi River, 4457
- Coulee Dam National Recreation Area, gen-
 eral information, 13879
- Coules, John, human differential sensitivity
 to vibrotactile stimulation, etc., 3784
- Coulter, Henry W., effects of earthquake of
 Mar. 27, 1964, at Valdez, Alaska, 6036
- Coulter, Olivia W., aging, 2646
- Council of Economic Advisers :
 act establishing, text, 5594
 member, nomination of James S. Duesen-
 berry, hearing, 5799

INDEX 1966

Council of Economic Advisers—Continued report—
 departmental edition, 5091
 document edition, 4063
 excerpts, 7210

Council of Scientific Medical Societies, USSR, resolution concerning report on 1958-65 activities of Board of All-Union Society of Oncologists, USSR, 10737

Counseling:
 Army recruiting and career counseling journal, 3547
 CAUSE [Counselor-Advisor University Summer Education] II prepares 2000 to counsel youth, 662
 family counseling in rural community action, 11859
 girls, new approaches in 1960's, conference report, 1561
 girls, toward new perspectives, 12569
 national defense education act program, questions and answers, 653
 NDEA institutes for advanced study, manual for preparation of proposals, 13276
 psychologists, examination announcement, 9992
 State Department of Education personnel, directory, 7301

Counselors:
 facts for counselors, trained dental assistants, 2542
 guidance, examination announcement, 15630
 Job Corps, reference bibliography, 11858
 rehabilitation, medicine and medical practice, survey, 12554
 rehabilitation personnel, qualified, State vocational rehabilitation agencies, increase supply, guidelines for action, 6692
 school, inservice education, 647
 school, rehabilitation, and vocational, employment outlook, 9225
 scope of pupil personnel services, 16240

Count your benefits, 15414

Countercurrent distribution apparatus, *see* Craig countercurrent distribution apparatus.

Counters, *see* Binary counters—Electronic counters — Ring counters — Scintillation counters—Semiconductor counters.

Counties:
 agricultural committee system, extend benefits to employees—
 hearing, 7233
 report, 16069
 agricultural committee system, problems, hearings, 10226
 county business patterns, bound volumes—
 Alabama-Illinois, 9960
 announcement and order form, 14268
 Indiana-Missouri, 8350
 Montana-Oregon, 9961
 Pennsylvania-Wyoming, 14267
 U.S. summary, 8349
 county business patterns, CBP series, 225-244, 1711-30, 3911-18, 5459-71, 8349-50, 14264-267, 15577-580, 16999-17005
 United States summary, 5459
 mental hospitals, patient movement, etc., 5029
 population migration, 1950-60, analytical groupings, 631
 rural, zoning, guide, 11857
 sources of milk for Federal order markets, 14511

Counting devices, census, bead-counting techniques in premium demand, 1740

Country life:
 full utilization of rural resources for better living for more American families (address), 9808
 growth country for industry, living country for you, 12601

Coupled reactors, *see* Reactors (atomic).

Couplings:
 high pressure tube, requiring no threads or flares, 12325
 remotely controlled system couplers and decouples large diameter pipes, 12317
 shear pin, plugged hollow shaft makes fatigue resistant, 6403

Courses of study, *see* Curriculum.

Court of Claims:
 associate judges, provide for 2 additional—
 law, 10076
 reports, 8552, 8625
 cases, calendar, 2810
 cases decided—
 Aug. 1-Dec. 31, 1963, 599
 Jan. 1-Feb. 28, 1964, 1958
 Mar. 1-Apr. 30, 1964, 600
 May 1-June 30, 1964, 1959
 July 1-Oct. 31, 1964, 4239
 Nov. 1-Dec. 31, 1964, 4240
 Jan. 1-Mar. 31, 1965, 5840
 Apr. 1-May 31, 1965, 7249
 judgments rendered, 4160
 Judiciary and judicial procedure, congressional reference cases, reporting, amend U.S. code—
 law, 17147
 report, 16155

Court of Customs and Patent Appeals:
 cases adjudged, weekly report, 3623
 customs cases adjudged, 13241
 patent cases adjudged, 16204

Court of General Sessions, D.C.:
 judges, increase number and retirement salary, report, 10120
 judges, increase number, law, 15765
 Traffic Branch, establish, and add judges, hearing, 7129
 transfer functions from U.S. District Court—
 law, 11589
 report, 10119

Court of Military Appeals:
 court-martial reports, opinions cited, etc., citators and index, 10384
 judge, nomination of Robert E. Quinn, hearing, 10323
 report, 10381

Courts, court and chronic inebriate, conference proceedings, 834
see also District Courts—State courts—
 Venue—also names of courts.

Courts martial and courts of inquiry:
 court-martial reports, opinions cited, etc., citators and index, 10384
 Judges Advocates General boards of review and Court of Military Appeals reports, holdings, and decisions, 5645
 military justice handbook—
 guide for summary court-martial trial procedure, 5350
 trial guide for special court-martial president, 5351
 special courts-martial, Navy—
 instructional guide for presidents, 5065
 trial guide for presidents and members, 11153

Courts of Appeals, *see* Circuit Courts of Appeals.

Courts of Military Appeals, court-martial reports, holdings and decisions, 5845

Courts of United States:
 appropriations, 1967—
 amendments, 8507, 12861
 hearings, 15959, 17567
 reports, 15938, 17348, 17539
 bail practices, revise—
 hearings, 1944, 8673
 law, 11574
 reports, 10163, 10171
 copyright decisions, 594
 Federal judges, judicial fitness, removal, retirement, and disciplining procedures, hearings, 7222

Courts of United States—Continued

- Federal judicial system, study—
authorization, report, 4206
report, 5779
- narcotic addicts, dealing more effectively
with individuals—
hearings, 11668
reports, 10122, 16163, 17344
register, 10837
see also District Courts.

Cover crops, growing summer cover crops, 35

Covers:

- projectile fuze covers, possible savings
from improving management control,
GAO report, 4501
- security, for nuclear weapons, procure-
ment and utilization, Atomic Energy
Commission and Defense Dept., GAO
review, 16349
- tool pre-tensions prior to lacing, 13737
- Cowbirds, parasitic, host relations, 18095
- Cowlin, Robert W., timber situation and out-
look for northwest Oregon, 4479
- Cowpens National Battlefield Site, general
information, 1329

Cows:

- concentrate rations fed, 9741
- dairy heifers, how much is she worth?
grading system for sales, etc., 15463
- farm building plan, free-stall dairy system,
16933
- iodine-131 measurement in bovine thyroid,
2535
- keeping a cow, general information, 9820
- milk cow numbers, 14036
- milk, roughage fed—
1965 summer season, 2594
1965-66 winter feeding season, 11283
1964-65 milk production, 6660
see also Dairy herd improvement associa-
tion.

Coxsackie viruses, coxsackie B infection in
mice, parenterally induced, effect of atro-
pine and ether, 78

CPSU, *see* Communist Party of Soviet Union.

Crabs, radiation-pasteurization processes,
11437

Cracking of metals, *see* Fracture of metals.

CRAF, *see* Civil Reserve Air Fleet.

Craft, Richard W., jr., soil survey of Marl-
boro County, S.C., 6618

Craft (nautical):
small, Federal item identification guides
for supply cataloging, supplements, 2940
small, ventilation systems, 11508

Crafton, P. A.:
determination of deck motion aircraft car-
riers, 1354

directional equilibrium of artificial satel-
lite enveloping nonuniform region of
gravitational field, 5072

Crafts, Edward C.:
remarks—
Mar. 10, 1966, 6557
Mar. 11, 1966, 6558
Sept. 6, 1966, 15254
Sept. 21, 1966, 16773

Crafts, *see* Arts and crafts.

Crafts, protective and custodial employees,
see Government officials and employees.

Craig, Calvin F., proceedings against, report,
5652

Craig countercurrent distribution apparatus,
duty-free entry, 377

Crambe abyssinica, 1945-65, bibliography,
14543

Crambidae, *see* Moths.

Cranberries, indicated production, 1966,
15377

Crandell, Dwight R., rockfalls and ava-
lanches from Little Tahoma Peak on Mount
Rainier, Wash., 2092

Crane, Hewitt D., visual accommodation sys-
tem in humans, 16612

Crane, Theodore, farm index, 2909

Cranes (birds):
hunting, possession, transportation, im-
portation in Alaska, 1966-67, Federal
regulations governing, 14673

Cranes, derricks, etc., safety switch permits
emergency bridge crane shutdown, 9475

Crary, J. H., normal phase variations of 16
kc/s signals from GBR observed at College,
Alaska, 1297

Crash trucks, *see* Firefighting vehicles.

Crashes, *see* Aircraft accidents.

Crater Lake National Park, general informa-
tion, 11124

Craters:

- high-velocity impact, in ablative heat-
shield materials, determination tempera-
ture and material effects, 16689
- lunar, formation, inapplicability of Bald-
win's correlation to determination of
causes, USSR study, 4639
- Project Pre-Schooner II, subsurface effects
measurement, 14237
- terrestrial impact structures, bibliography,
16356

Craters of the Moon National Monument,
general information, 6504

Cream, fluid milk and cream report, 2981

Creatinuria, postirradiation, in *Macaca mu-
latta* primates, 14190

Creativity:

- elementary and secondary education act,
PACE, projects to advance creativity in
education, supplementary centers and
services, etc., 5879
- PACE projects to advance creativity in
education, supplementary centers and
services—
programs, 639
project applicants manual, 649

Credit:

- and real estate demand (remarks), 2024
- consumer's quick credit guide Spanish edi-
tion, 1606
- department store, monthly report, 2851
- Federal programs—
alleviate tight money (remarks), 16888
- financial management in Great Society
(remarks), 16882
- study, print additional copies, reports,
12999, 17474
- housing, code of Federal regulations, 10491
- master or servant, Defense Dept. pam-
phlet, 14206
- monetary policy and allocation of commer-
cial bank credit (remarks), 14637
- mortgage, for residential construction,
stimulate flow, hearing, 14474
- private financing—
message from the President, 8505
- participation sales act—
authorizations, 1967, proposal, 11697
hearings, 8681, 10236, 10267, 10331
law, 10080
reports, 8616, 8746, 10145
remarks, 9752
- recent credit and monetary developments,
14638
- sales finance companies, monthly report,
3488
- sales of financial assets by Government
agencies, submission of data, regula-
tions, 14050
- servicemen's problems, hearing, 17367
- social enterprises, Bulgarian study, 13581
- suspension of investment credit, hearing,
17400
- Vietnam, Democratic Republic, 2182
- see also* Agricultural credit—Banks and
banking—Installment credit—Retail
credit.

INDEX 1966

- Credit insurance:
health, accident, and life, for student loans, increase maximum amount allowable for student loans in D.C.—
law, 17108
report, 15852
Indians, guaranteed and insured, for financing economic enterprises, report, 17211
- Credit unions:
growth in rapidly changing financial environment (remarks), 10511
rural community action, 8823
rural, of U.S., general information, 4350
rural, organization, services, etc., 7347
see also Federal credit unions.
- Creel, Theodore R., jr., longitudinal aerodynamic characteristics of tension shell entry configuration, 15159
- Creep in model pillars, 4790
- Creep-of-metals, columbium and tantalum alloys, ultrahigh-vacuum creep behavior at 2000° and 2200° F, 4960
- Creeping flow solution of Leidenfrost phenomenon, 2419
- Creighton, C. S., field evaluation of chemical compounds for control of cabbage caterpillars, 14100
- Cretaceous period, Lower Cretaceous (Albian) ammonite genera *Leconteites* and *Breweriaceras*, 2104
- Creveling, Cyrus J., comparison of performance of PCM and PFM telemetry systems, 15142
- Crew leaders, farm, social security information, 6604
- Crew leaders' handbook, civil defense survey, 11461
- Crewmen, *see* Spaceship crewmen.
- Crews, John H., jr., local plastic stresses in sheet aluminum-alloy specimens, 4914
- Crews, *see* Flight crews—Spaceship crews.
- Crichlow, W. Q., quarterly radio noise data, 5010, 6477, 11096, 13860
- Crime and criminals:
application of neutron activation analysis in scientific crime detection, 6852
bail reform act—
hearings, 8673
law, 11574
reports, 10163, 10171
crime prevention and you, 12056
criminological distinction of similar handwritings by computers, USSR study, 14864
District of Columbia crime and criminal procedure bill, report, 17330
Federal procedures, modify, hearings, 1944
greater freedom for law enforcement agencies, national debate proposition for colleges, excerpts, etc., 466
Indians, crimes committed in Indian country, amend U.S. Code, report, 17554
international bibliography on crime and delinquency (periodical), 3074
miscellaneous bills, hearings, 13221
national strategy against crime, message from the President, 5623
persons under supervision of Federal probation system, 14098
scientific crime detection, use of neutron activation analysis, summary report, 5390
uniform crime reporting handbook, 13311
uniform crime reports, 1965, U.S., 13312
uniform reporting, quarterly release, 3636
violence and crime portrayed on television, effects on young people, report, 1924
see also Conspiracies—Criminal law.
- Crime in District of Columbia, President's Commission on, *see* President's Commission on Crime in District of Columbia.
- Criminal investigators:
examination announcement, 3974
suspension notice, 5522
- Criminal jurisdiction:
NATO status of forces agreement, operations—
hearing, 17572
report, 17561
- Criminal law:
cybernetics and criminal law, USSR study, 16508
District of Columbia laws, amend, law, 447
miscellaneous bills, hearings, 13221
obstruction of criminal investigations, prohibit, amend U.S. Code, report, 17477
refusal to testify, compelling of testimony and granting immunity in certain crimes, amend U.S. Code, report, 16108
study, expenses, report, 4189
- Criminal procedure:
appellate review of sentences, provide, hearings, 10352
contempt to publish information not properly admitted in criminal cases, hearings, 4225
District Court rules adopted by Supreme Court, 5615
District of Columbia crime and criminal procedure bill, report, 17330
imparting or conveying false information, reduce existing penalty, report, 1913
miscellaneous bills, hearings, 13221
rules for District Courts, as amended, 13052
study, expenses, report, 4189
see also Habeas corpus.
- Criminals, *see* Crime and criminals.
- Criminology, *see* Crimes and criminals.
- Critchfield, William B., geographic distribution of pines of world, 5293
- Critical assemblies:
Ichiban, neutron and gamma-ray leakage, 12671
pulsed, literature search, 1684
- Critical mass:
zero power reactor II, studies, 1263
zero power reactor, ZPR-II, studies, 15167
- Critical parts are stored and shipped in environmentally controlled reusable container, 12300
- Critical path analysis, and scheduling applied to mining operations, 7709
- Critiques:
Soviet, of Anglo-American oil interests, 17771
writings of Valeriy Tarsis, 6146
- Croatia, science workers, awards explained by committee, 10806
- Croatian language, *see* Serbo-Croatian language.
- Crocidolite asbestos, *see* Asbestos.
- Crockett, Warren R., new design approach for wide-range temperature monitoring and compensating networks in scientific satellites, 16681
- Croeni, Jack G.:
high-energy-rate extrusion of low-density tungsten powder billets, 16574
high energy-rate forging and extrusion and effect on structure and properties, 9378
- Cron, Theodore O., American education, 2677
- Cronartium comandrae, *see* Comandra blister rust.
- Crookton, Ariz., railroad accident, 6094
- Croom, Bobby H., thermodynamic, transport, and flow properties for products of methane burned in oxygen-enriched air, 17891
- Crop insurance, *see* Agricultural insurance.
- Crop lands, *see* Land.
- Crop Reporting Board, reports released, 1966
issuance dates and contents, 5176
- Crops:
agricultural, large-scale development of land improvement to obtain high and stable yields, USSR study, 12156
alternate, planting on acreage unplanted because of natural disaster—
law, 11560
reports, 10167, 11618

- Crops—Continued
 central Great Plains, windbreaks, how to use trees to protect crops, 4485
 crop production (periodicals), 2811
 crop reporting, 1st century, 15473
 Federal reclamation projects, 1965 report, 18087
 statistical appendix, 15317
 field and seed, production, farm use, etc., by States, 11282
 field seeds, acreage, yield, etc., 5175
 foreign crops and markets (periodical), 2986
 Horticultural Crops Research Branch publications, reference list, 8138
 insecticides, guide, 9814
 major field crops, regional location of production at alternative demand and price levels, 1975, linear programming analysis, 8172
 new varieties, 5927-31
 planting on acreage diverted under cotton, wheat, and feed grains program, amend law—
 hearings, 8647
 report, 17208
 plantings, prospective, 8088
 report, 1866-1966, development and progress, 15378
 research, results of field applications of herbicides for control of saltcedar (*Tamarix* Spp.), 5265
 research, scientific careers, 1594
 seed crops—
 acreage, yield, production, etc., 5179
 forecast, 3500
 prices, 3501
 stocks report, 3502
 weather and crop bulletin (periodical), 3703
 world summaries of statistics, lease date announcement, 4433
 see also names of crops.
 Crosby County, Tex., soil survey report of area, 6617
 Cross-Florida Barge Canal, Silver Springs lock, rename R. N. Bert Dosh lock, law, 15754
 Cross reference index to manual of Navy officer classifications, 5063
 Cross-references within Internal revenue code of 1954, as of Jan. 1, 1965, 1879
 Cross sections:
 neutron, technology, conference proceedings, 15528
 resonant charge exchange in nitrogen and argon, measurements, 4980
 see also Neutron capture cross sections.
 Crossett Experimental Forest, farm forestry forties, 1965, harvest, 10589
 Crosslinking, thermal and mechanical properties of thermoplastic and phenolic resin systems, 10396
 Crossman, E. R. F. W., automation, skill, and manpower predictions, 17802
 Crow, Eron E., soil survey, Bamberg County, S.C., 8033
 Crow Creek Reservation, soil and range resources inventory, 9031
 Crow Indians, compensate Crow Tribe of Indians, Montana, for lands erroneously excluded from reservation by survey, report, 12948
 Crowell, D. C., efficiency of gas displacement from water-drive reservoir, 7708
 Crown Savings Bank:
 failure, investigation—
 hearings, 1850
 staff report on hearings, 10235
 CRREL, see Cold Regions Research and Engineering Laboratory.
 CRS, see Community Relations Service.
 CRT, see Cathode ray tubes.
 Crude oil, see Petroleum.
 Cruelty to children, see Children.
 Cruik, R. W., cross-channel transfer of linear momentum in smooth rectangular channels, 825
 Cruises:
 foreign operators, require licenses, hearings, 13204
 operators, require to file evidence of financial security, etc.—
 hearings, 13204
 reports, 14466, 17320
 travel and Federal Government (remarks), 701
 Crushed stone, see Stone.
 Crustaceans, copepod, parasitic on elasmobranch fishes of Hawaiian Islands, 9567
 Cruz, Oscar Valdes, see Valdes Cruz, Oscar.
 Cryogenics:
 adhesive for cryogenic applications cures at room temperature, 9485
 bismuth alloy potting seals aluminum connector in cryogenic application, 7792
 container, lightweight door seals against diaphragm type loading, 4891
 environment, properties of large 7079
 aluminum alloy forgings, 12271
 fiber-glass propellant tanks—
 filament wound, use of bonded plastic tape for lining, 4950
 use of glass flakes as liner, 4893
 use of thin films as floating liners, 4949
 high pressure liquid flow sight assembly for easy observation, 15124
 hydrogen flowing in tubes at subcritical and supercritical pressures at 800 pounds per square inch absolute, experimental heat transfer results, 7815
 inexpensive insulation effective for cryogenic transfer lines, 13783
 insulation for tanks, reduced thickness and weight, 12292
 liquid level, maintaining with charged probes, 9459
 liquid propellant, insulation from heat leak by propellant and its sacrificial boiloff, 9508
 liquid transfer system reduces residual boiloff, 9469
 liquid, undamped bellows face seal during dynamic instability, 4944
 liquids from tanks, gas diffuser facilitates withdrawal, 13777
 nickel-beryllium alloy, tensile properties at cryogenic temperatures, effect of cold reduction, etc., 4942
 O-rings with Mylar back-up provide high-pressure cryogenic seal, 12319
 optical gyro pickoff operates at cryogenic temperatures, 7784
 propellant tank pressurant requirements, studies, 6419
 special 301-type stainless steel improved for cryoformed pressure vessels, evaluation, 11067
 strength comparison of flawed single-layer and multi-layer AISI 301 stainless-steel pressure vessels at cryogenic temperatures, errata, 7812
 temperatures, bimetallic devices help maintain constant sealing force, 13760
 trap valve has no moving parts, 7790
 whole sampling conditions, determination and microbial survival, 2369
 Cryolite, minerals yearbook chapter, 17836
 Cryology, research institute needed, USSR study, 991
 Cryopumping, solid nitrogen formed, 15058
 Cryostats:
 modified to aid rotating beam fatigue test, 7760
 vacuum chamber provides improved insulation and support, 2387
 Crystal diodes, zener diode controls switching of large direct currents, 1225
 Crystal rectifiers, see Rectifiers.

Crystallization :

- amorphous boron powder by zone refining, pre-purification of boron before zoning, 11436
- automatic sugar processes, ultrasonic method of analyzing crystal-containing mass, USSR study, 10795

Crystallography, fractional crystallization of basaltic magma as revealed by chronological changes in lava composition during major volcanic eruption, study, 7488

Crystals :

- aluminum oxide, single crystal and polycrystalline, in contact in vacuum, friction characteristics, 15190
- beryllium in vacuum, effect of orientation on friction characteristics, 12358
- calculation of processes caused by introduction of ice crystals into supercooled small drop clouds, USSR study, 1067
- crystal hydrate method for desalting of water, USSR study, 2202
- growth and characterization, research at NBS, 16716
- hexagonal structures, provide improved friction and wear characteristics in bearing alloys, 15103
- ice, nucleation and growth, 4552
- ice, single—
 - migration of liquid inclusions, 6833
 - self-diffusion, 8239
- industry, machinery, industrial plant equipment handbook, 10388
- manganese sulfate, recovery from solution by submerged combustion evaporation, etc., 9382
- polar, absorption in X-ray spectra, USSR study, 1050
- quartz, in jasperoid, petrofabric analysis of overgrowths, 9013
- single-crystal semiconductor films grown on foreign substrates, 11019
- tungsten, influence of grain orientation on friction characteristics, 4970
- tungsten with rhenium in dilute solid solution, tensile behavior, 4937

CSRS series, 5836

Ctenopharyngodon, white amur, breeding in Amu Darya River basin, 4627

Cuba :

- claims of U.S. nationals against Government, text of act, regulations, etc., 4434
- hydrometeorology, USSR study, 14872
- oceanographic studies, Russian-Cuban, 16489
- translations, 3600

Cubans :

- refugee problem, hearings, 13222, 14494
- refugees, assistance, appropriations, 1967—
 - hearings, 13014, 17568
 - reports, 15915, 16159, 17263
- status, adjustment, hearings, 14430

Cuervo, Jose R., relief, 13105

Cuing techniques, training tasks, phase 2, 7971

Culling hens, 15444

Culture :

- contemporary, questions for creative engineer (address), 5548
- cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165
- cultural relations, maintenance with Ukrainians living abroad, USSR study, 4593
- educational and cultural diplomacy, 1964, 1490
- era of educational and cultural relations (lecture), 12524
- exchange, international, 1966—
 - spring, 11335
 - winter, 8122
- influence on children, research programs, studies in progress, 12734

Culture—Continued

- international activities, multilateral and regional organizations, 18121
- international information and cultural series, 1490, 18119, 12524
- international meetings, world list, 3717
- materials, importation agreements, implementation—
 - hearings, 11692
 - law, 17138
 - reports, 12978-979, 17500
- presentations, USA, report, 18119
- socialism and cultural heritage, USSR study, 17787
- Culture media, process of continuous culturing of microalgae, mathematical description, USSR study, 4624
- Culvert pipe, *see* Pipe and pipe fittings.
- Culverts :
 - highway, hydraulic charts for selection, 5132
 - pressures, Greenup Lock, Ohio River, Ky., hydraulic prototype tests, 16249
- Cumberland Escarpment, interpretation, 6034
- Cumberland River, Cordell Hull Navigation Lock filling and emptying system, hydraulic model investigation, 16251
- Cummings, Roy E., preparation of high-purity molybdenum by molten salt electrorefining, 17859
- Cummings, Laurie D., employed poor, their characteristics and occupations, 10877
- Cummins, David G., chemical and physical properties of spoil banks in eastern Kentucky coal fields, 5990
- Cummins, R. S., jr., spillway for typical low-head navigation dam Arkansas River, Ark., app. A., gate sills and stilling basins for locks and dams 5 and 7, 1991
- Cundiff, George F., vocational potential for vocational rehabilitation staff, 5216
- Cunningham, Frank E., air-layering sugar maple, 4470
- Cuppitt, Donald G. :
 - air-drying practices in central Appalachians, 17703
 - how to determine seasoning degrade losses in sawmill lumberyards, 788
- Cuprous selenide, *see* Copper selenide.
- Cuprous sulfide, *see* Copper sulfide.
- Curandero de la tribu Shoshone, Thermopolis, Estado de Wyoming, 15409
- Curcio, J. A., atlas of absorption of atmosphere, 6553
- Curran, Elizabeth W., report of international conference on perinatal and infant mortality problem, 12486
- Currency, *see* Money.
- Current discharge at selected stations in Pacific Northwest, 3543
- Current export bulletin, 2815
- Current fishery statistics, E.F.S. series, 738-745, 2034-35, 2672, 2724, 2976-77, 2980, 3008, 3022, 3029, 3171, 3174, 3185-86, 3194, 3205, 3260, 3267, 3276, 3480, 3516, 3522, 3575, 3683, 4399-4401, 5961-62, 7430-32, 8934-38, 10518-522, 13334-341, 16294-296, 17672-673
- Current housing reports, 2816
- Current industrial reports, 246-265, 1731-35, 2817-18, 3179, 3920-24, 5472-85, 6920-23, 8351-57, 9962-63, 11463-466, 12707-723, 15581-590, 17006
- Current population reports, 2819
- Current projects on economic and social implications of science and technology, 16741
- Current retail reports, 2820, 14279
- Currents, *see* Electric currents—Lake currents—Ocean currents.
- Curriculum :
 - adult basic education, guide, intermediate level, 10419
 - approach to independent study, 4313
 - colleges and universities, courses in oceanography, 1965-66, 17650

Curriculum—Continued

foreign specialists, overseas projects in education, 14553
 industrial arts, survey, 13274
 life sciences in space age setting, upper elementary-junior high school, 12263
 manned space flight, Projects Mercury, Gemini, and Apollo, suggestions for lesson planning, 6350
 national defense education act, student loans, college-work-study program, and list of participating institutions, 1965-66, 7316
 Naval Reserve Dental Companies, 13902
 Naval Reserve training program, radio-man 3d class, 13903
 patterns in English, undergraduate requirements for English major, 637
 2-year post high school for civil technology, highway and structural options, 11868
 undergraduate patterns, baccalaureate programs, 4320
see also Activity programs.
 Curry, Donald M., charring ablation thermal protection system, 2432
 Curry, Rembert L., investigation of proprietary chemical admixture for concrete, 7334
 Curtiss, H. C., jr., analytical study of dynamics of aircraft in unsteady flight, 3337
 Curvature (mathematics):
 nature of curved space, USSR study, 4614
 Curves, *see* Curvature (mathematics).
 Curves (drafting):
 CBR (California Bearing Ratio) design set, developing, errata, 677
 Cushman, R. V., water resources of Waterbury-Bristol Area, Conn., 823
 Cushman, Charles T.:
 one prescribed burn and its effect on habitat of Powhatan Game Management Area, 16329
 response of herbaceous vegetation to prescribed burning, 10586
 Custodians, cleaning services, military standard, 11852
 Customer speaks her mind, remarks, 3749
 Customs, *see* Tariff.
 Customs Court:
 cases adjudged—
 Customs Court reports, 8794
 in Treasury decisions, weekly report, 3623
 Customs districts:
 by continent, U.S. airborne foreign trade, summary report, 3642, 11481
 code classification used in compiling U.S. foreign trade statistics, schedule D, 3936
 changes, 5457
 exports, summary reports, 3644
 imports, summary reports, 3647
 Cut stone, *see* Stone.
 Cutler, census of manufactures, 1963, industry report, 5447
 Cutting of metals, *see* Metal cutting.
 Cutting tools:
 adjustable cutting guide aligns and positions stacks of materials, 11004
 threaded pilot insures tool alignment, 6400
 tool post modification allows easy turret lathe cutting-tool alignment, 11000
see also Pipe cutters.
 Cuttings, *see* Reproduction.
 Cybernetics:
 abstracts journal (USSR periodical), excerpts, 10732, 10782, 12161
 application of game theory and cybernetics in economics, USSR study, 6212
 application to enhance effectiveness of scientists and engineers, USSR studies, 9106
 applied, forthcoming works, USSR study, 9181
 biological, mathematical apparatus, USSR study, 10705
 biology, USSR study, 2233

Cybernetics—Continued

central ideas and philosophical principles, USSR study, 9094
 clam chowder, cybernation and collective bargaining (remarks), 5036
 clinical medicine, USSR book, 2218
 collective bargaining and cybernation (remarks), 6494
 Communist Chinese abstracts, 2770
 contribution to economic development, 10775
 control of social processes and cybernetics, USSR study, 1053
 control theory—
 asymptotically optimal systems, learning optimal control, USSR study, 10717
 USSR studies, 13475, 14853
 criminal law, USSR study, 16508
 cybernation, people eaters or prosperity makers? (remarks), 1320
 cybernetics and automation, USSR studies, 14810
 cybernetics and brain, USSR studies, 9132
 cybernetics and mental labor, USSR study, 896
 East European abstracts, 2867
 East German machine-building industry, production planning analysis aids, 12180
 hampered by inadequate study of linguistics, USSR study, 9104
 helps pedagogy, USSR study, 13522
 heuristics and cybernetics, USSR study, 6122
 industry, USSR study, 12130, 14802
 integrative activity of brain, USSR study, 16436
 international conference, science and society, held in Herceg-Novi, Yugoslavia, 13508
 interview with Lenin prize winner, Viktor Glushkov, USSR, 14857
 linguistics, Hungarian study, 4674
 management problems from viewpoint of cybernetics, USSR study, 1052
 medical, Czechoslovak achievements, automatic diagnosing of diseases, 4681
 medicine, USSR studies, 684, 2266
 modernization of measuring techniques through cybernetics, USSR studies, 959
 philosophy and cybernetics, problems, USSR studies, 938
 predicting devices, USSR study, 16449
 principles of machine diagnosis, USSR study, 1054
 problems, USSR studies, 1072, 6193
 production management, USSR study, 12185
 programmed teaching, USSR study, 13554
 research in Ukrainian Academy of Sciences, USSR, 7632
 research, USSR articles, 2162
 reviews of new Soviet books, 13484
 social aspects, USSR study, 6160
 society, 14908
 sports, electronic trainer, use by laboratory for research, USSR study, 6164
 systems, experimental and practical applications, USSR study, 16401
 technical—
 Academy of Sciences USSR, news, 1035, 2221, 6213, 10811
 large systems, theory, USSR studies, 14815
 self-learning pickups, self-adaptive systems and other problems of technical cybernetics, USSR study, 13473
 USSR periodical, translations, 16466
 USSR 3d All-Union conference on automatic control, 2169
 USSR translation, 14862
 theoretical, problems, USSR study, 4665
 Ukrainian research, status and outlook, 10721

Cybernetics—Continued

USSR—

- abstracts, 3673
- all-Union scientific session devoted to radio day, 13520
- books, 2262
- conferences, 4631, 6159, 6188
- institutes, news, 6218
- medical interest, 6197
- Navy, 6205
- news, 1045, 2235, 6179, 13519
- studies, 904
- viewpoint, evolutionary role of division into 2 sexes, USSR study, 14846
- views of A. I. Berg, USSR Deputy Minister of Defense, article, 9167
- without mathematics, USSR book review, 13546

Cybernetics (USSR periodical):

- translations, 2196, 7546, 10819

Cycles (business), *see* Business cycles.

Cycling, *see* Thermal cycling.

Cyclopentitols, and related substances, progress report of Organic Chemistry Section, July 1965–June 1966, 17944

Cyclotron waves in collisionless plasma, 2366

Cyclotrons:

- ion-cyclotron waves, radiofrequency power transfer in collision-free magneto-plasma, 7876
- NRL program, progress report, 13911
- report, calculations on uniform-field bending magnets, 1359

Cylinders:

- axially compressed, influence of imperfections, etc., on buckling, 9406
- boundary conditions influence on buckling load of cylindrical shells under axial compression, 15061
- buckling coefficients for sandwich cylinders of finite length under uniform external lateral pressure, 2059
- buckling of cylindrical shells of sandwich construction, effect of face-sheet stiffness, 11074
- buckling of eccentrically stiffened orthotropic cylinders under pure bending, 7869
- comparison of experimental and theoretical stresses at mismatch in circumferential joint in cylindrical pressure vessel 16676
- cone-cylinders, linear aerodynamic loads, 7735
- eccentrically stiffened, buckling, experimental and theoretical results, 16694
- filament-wound—
 - elastic moduli determination, experiments, 1273
 - loaded in axial compression, determining strength, 13829
- heterogeneous arrays of cylindrical voids, critical mass studies with NASA zero power II, reactor, 15167
- hollow, internally heated, plane thermo-elastic deformation, 4985
- imperfect, buckling under axial compression, 15051
- inflated thin-wall beams, theory, 12348
- large diameter ring-stiffened corrugated, bending tests, 7856
- mating, securely joined with flexible coiled spline, 9479
- modal characteristics of cylindrical shells, analytical methods used to determine, 16618
- multiple hydraulic leveling, controlled by rotary valve, 16625
- ogive—
 - drags due to 2-dimensional fabrication-type surface roughness, 15151
 - pressure distributions due to 2-dimensional fabrication-type surface roughness, 15148

Cylinders—Continued

- open-ended circular cylindrical microwave cavities, analysis, 12369
 - precision winding of cylindrical composites with shaped glass filaments, 15038
 - pressurized, elastic stresses at mismatched circumferential joint, 16677
 - ring-stiffened circular, loaded by uniform external pressure, buckling and post-buckling tests, 1274
 - ring-stiffened corrugated, general instability under axial compression, 4902
 - shells—
 - axisymmetric response to time-dependent loading, 15069
 - buckling of end closures by internal pressure, 13718
 - short cylindrical chamber, velocity components and radial pressure distributions, experimental profiles, 1254
 - slotted infinite, pattern synthesis problem, 9422
 - swopt, interference heating in region of intersection with wedge, 2411
 - thin-wall tank, longitudinally excited, transfer function analysis of fluid contents, 16692
 - truss-core sandwich cylinder loaded to failure in bending, test, 4916
- Cylindrical claw clamp has quick release feature, 11007
- ### Cyprus:
- agricultural economy in brief, 14544
 - background notes, 1482
 - foreign trade regulations, 4007
 - labor conditions, 13626
 - mineral industry, minerals yearbook chapter, 1120
- Pravda sees threat of United States deal, USSR study, 10827
- United Nations use of peacekeeping forces, 5693
- ### Cytochemistry, cytochemical technique for studies on B.antracis and B.cereus antigens, USSR, 10833
- ### Cytology:
- autoregulation in cytology and cytochemical studies of nerve cells, USSR articles, 977
 - cytological examinations, stomach cancer cells, signs of atypicality, USSR study, 9148
 - gynecological exfoliative, manual, 2313
- Czapowskyj, Miroslaw M., survival and early growth of planted forest trees on strip-mine spoils in anthracite region, 10600
- Czarnecki, K. R.:
- pressure distribution due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds, 15148
 - pressure drags due to 2-dimensional fabrication-type surface roughness on ogive cylinder, 15151
 - roughness drag at supersonic speeds, 16669
- ### Czechoslovakia:
- and space research, 16435
 - automatic computers, produce or import? 9135
 - automatic diagnosing of diseases, medical cybernetic achievements, 4681
 - background notes, 12516
 - church and state under Communism, 7219
 - economy, basic data, 12773
 - Hungary boundary, study, 11257
 - labor conditions, 13627
 - leather work shoes, determination of no injury to U.S. industry, 14043
 - medical equipment, exhibition in Moscow, 4642
 - membership of Slovak group of Slovak Academy of Sciences in Czechoslovak Chemical Society, 2261
 - mineral industry, minerals yearbook chapter, 1121

Czechoslovakia—Continued
 provincial press, summary, 3558
 regulations published in *Sbirka zakonů*
ČSSR, 1965, subject index, 9139
 Scientific Conference on World Literary
 Avantguard in Smolenitsy, 10719
 Czul, E. C., load-carrying terminals for ar-
 mored electric cables, 2493

D

D.A.R., *see* National Society of Daughters of
 American Revolution.
 D-Day plus 20 years, June 6, 1944–June 6,
 1964, 11685
 D.H.I.A., *see* Dairy herd improvement asso-
 ciations.
 D.S.A., *see* Defense Supply Agency.
 D series, 8797
 Daane, J. Dewey:
 remarks—
 Dec. 7, 1965, 727
 May 12, 1966, 8924
 July 14, 1966, 11951
 Dabul, Amadeo, information transfer sys-
 tems in space communications, 9530
 Dade County, Fla.:
 Inter-American Cultural and Trade Cen-
 ter, U.S. participation, provide—
 law, 5581
 report, 5653
 Dahomey, mineral industry, minerals year-
 book chapter, 9362
 Dal, Yin-ben, designs for rubble-mound
 breakwaters, Dana Point Harbor, Calif.,
 14575
 Dairy cattle, *see* Cattle.
 Dairy farms, *see* Dairying.
 Dairy goat for home milk production, 15446
 Dairy herd improvement associations:
 DHIA cow performance index list, regis-
 tered progeny of DHIA sires, 5269
 national cooperative program, 2838
 sire summary lists, 11, 6713–14, 12581
 Dairy industry, *see* Dairying.
 Dairy plants, *see* Dairying.
 Dairy products:
 annual statistical summary, 6661
 census of manufactures, 1963, industry
 statistics, 6888
 dairy products companies, 1959–64 owner-
 ship changes made, 14539
 how to use USDA grades in buying, 16936
 manufactured products, 1965 production,
 14038
 market statistics, 6781
 storage life, 5970
 see also Milk.
 Dairying:
 ASCS program, 6737
 dairy farm operated by Naval Academy,
 Annapolis, Md.—
 disposal, proposal, report, 17362
 GAO report, 7471
 dairy farming, simulation technique for
 making management decisions, 5864
 dairy-herd-improvement letter, national
 cooperative improvement program, 2838
 dairy industry, organization and competi-
 tion, 16725–726
 dairy plants surveyed and approved for
 USDA grading service, list, 16200
 dairy situation (periodical), 2839
 economics of dairy marketing, bibliogra-
 phy, 13264
 farm building plan, free-stall system for
 101 cows, 16933
 foreign agriculture circulars, 2987
 pasture season, 1507
 Dale, Robert F., California, climates of
 States, 13299
 Dales, Sophie R.:
 benefits and beneficiaries under public em-
 ployee retirement systems, 9657
 preliminary review of 1964–65 Federal
 grants, 8027

Dallas, Tex.:
 area wage survey, 6262
 principal electric facilities, map, 7379
 Dallas Creek project, construct and operate,
 Interior Dept. report, 12853
 Dalle Mura, P. H., ultra-low-noise 1700 Me
 parametric amplifier system, 7859
 The Dalles Dam, fish passage reports, 667,
 11888
 Dalrymple, Dana G., directory of publications
 available on foreign trade and markets,
 14625
 Dalrymple, Glenn V.:
 effects of 400 Mev protons on primates,
 radiations of space, 5327
 kinetics of recuperation following 55 Mev
 proton irradiation, 5335
 relative biologic effectiveness of 138-Mev
 protons as compared to Co⁶⁰ gamma
 radiation, 94
 some effects of 138 Mev protons on
 primates, 1621
 Dalton, Charles C., meteoroid puncture ex-
 periments, 6431
 Dalton, Leonard J., relief, 15799
 Daly, Dorothy B., closing the gap in social
 work manpower, 6046
 Dalzell, Robert W., face ventilation in under-
 ground bituminous coal mines, performance
 characteristics of common jute line brat-
 tice, 6317
 Damadian, Raymond, potassium transport
 mutant of *Escherichia coli* B, etc., 8215
 Damage control, impact- and puncture-resis-
 tant material protects parts from damage,
 15105
 Damages, *see* Claims.
 Dampers:
 conceptual design for Mars entry vehicle,
 15042
 floating ring, behavior in flexible supports,
 136
 Damping:
 aerodynamic—
 and oscillatory stability in pitch for
 model of typical subsonic jet-transport
 airplane, 4918
 pitch and yaw of Gemini configurations,
 7854
 capillary waves at air/water interface,
 6549
 characteristics of built-up cantilever beams
 in vacuum environment, 1251
 fluid, use in reducing bellows seal fatigue
 failures, 11041
 friction device damps linear motion of
 rotating shaft, 4867
 fundamental damping law for fuel sloshing,
 6429
 moment of inertia and damping of liquids
 in baffled cylindrical tanks, 6334
 nonlinear oscillations, 16709
 technique gives accelerometer flat fre-
 quency response, 13732
 transfer function analysis of fluid con-
 tained in cylindrical tank, 16692
 Damping of vibration, *see* Vibration.
 Dams:
 dams for reclamation, 16816
 earth embankment pore pressures during
 construction, 10446
 rock check, design, construction and cost,
 13372
 St. Clair River, submerged rock weirs, ade-
 quacy to withstand propeller wash,
 hydraulic model investigation, 11896
 TV A dams and steam plants, 8098
 see also names of dams or bodies of water.
 Dan River Mills, wage chronology, 9336
 Dana, John L., west coast sawmilling, 2296
 Dana Point Harbor:
 design for optimum wave conditions,
 hydraulic model investigation, 13295
 designs for rubble-mound breakwaters,
 hydraulic model investigation, 14575
 Dance, William E., bremsstrahlung produc-
 tion in aluminum and iron, 2359

INDEX 1966

- Dancers, occupations, employment outlook, 9257
- D'Andrea, Dennis V., prediction of compressive strength from other rock properties, 2351
- Dane, Carle H., stratigraphy, Juana Lopez member, Mancos shale, San Juan Basin, N. Mex., 9014
- Dane, Genevieve O., grant programs, 7309
- Dangerous articles, *see* Hazardous substances.
- Daniel, Michael F., relief, 8517, 12813, 13109
- Daniel, Yu :
condemnation of Soviet author, 6103
Soviet author, trial, remarks by Western critics, 9084
- D'Anna, Philip J., evaluation of self-sealing structures for space vehicle application, 10953
- Dannenberg, Raymond O., beryllium recovery from fluoferrate leach residue, 16584
- Dante Alighieri, lectures concerning Dante and his works, 2306
- DAR, *see* National Society of Daughters of American Revolution.
- Darling, Robert C., cable length determinations for deep-sea oceanographic operations, 14314
- Darnell, Wayne L., radar cross section and optical radiation from Trailblazer 11a9° half-angle blunt nose cone during hypersonic reentry, 4956
- Data, *see* Subjects.
- Data converter and display system for Wisconsin experiment on Orbiting Astronomical Observatory, 17929
- Data loading routine for IBM 7094 and 7094-704X systems, 7811
- Data processing, *see* Electronic data processing systems.
- Data storage and retrieval systems, *see* Information storage and retrieval systems.
- Data transmission system :
adaptive compression for video signals, 9523
coding techniques, USSR articles, 4637
compression of video data by adaptive nonlinear prediction, 13813
- Datos Informativos sobre Estados Unidos, 15403
- Daubert, H. C., spacecraft digital stabilization and control system study, 13713
- Daughters of American Revolution, National Society of, *see* National Society of Daughters of American Revolution.
- Dauman, Alexander, selling in France, 344
- Davenport, Iowa, area wage survey, 4725
- David D. Terry Lock and Dam, name, law, 438
- Davies, Mary, Federally-assisted manpower development programs, etc., 10840
- Davis, Billy R., terrain analysis by electromagnetic means, laboratory investigations, 680
- Davis, Charles T., jr., relief, 4075, 14334, 16012
- Davis, Edward G., recovery of manganese from slag formed by selective oxidation of high-manganese pig iron, 6319
- Davis, Jeanne M., uses of airphotos for rural and urban planning, 11348
- Davis, L. E. :
Mineral industry of—
California, 2322
Nevada, 1136
- Davis, Paul A., TIROS radiation measurements and variations in atmospheric heating, 17874
- Davis, R. E., Project Handcar, geology and surface effects, 3849
- Davis, Robert E., random pressure excitation of shells and statistical dependence effect of normal mode response, 1180
- Davis, Robert T. :
snow surveys, 3746
water supply outlook and Federal-State-private cooperative snow surveys for Washington, 3694
- Davis, Rogers F., determination of oxides of nitrogen in diesel exhaust gas by modified Saltzman method, 12249
- Davis, Ross D., nomination, hearing, 13230
- Davis, Sallie M., relief, 4075, 14334, 16012
- Davis, Thomas L., introduction to sampled data and switching logic, 9556
- Davis, W. True, remarks, Oct. 5, 1966, 16883
- Davis, Walter D., computer program to improve STADAN station scheduling, 9501
- Davis, William G., determination of heat-shield char-front recession with nucleonic technique, 9511
- Davis Strait, sailing directions, change, 7955
- Dawes, Richard E., mineral industry of Illinois, 2327
- Dawson, David H., performance of 7 seed sources of blue spruce in central North Dakota, 14704
- Dawson, John A., hydromagnetic wave propagation near 1 c/s in upper atmosphere and properties and interpretation of Pc 1 micropulsations, 15211
- Day, Delbert E., thermal stabilization of soils, 4344
- Day, James V., remarks, Dec. 3, 1965, 701
- Day, W. C., cloud development studies, 15538
- Day care of children :
child development center concept, relationship to preschool and day care, 4267
educating disadvantaged children under 6, 5871
nursery enrollment of children under six, 10428
services, why, what, where, when, how, 8373
spotlight (address), 8113
- Daylight saving :
uniform dates for commencing, etc.—
hearing, 5697
law, 8463
reports, 5678, 7089, 8573
- Days, *see* names of special days.
- Dayton, R. W., reactor materials, review of recent developments, 3453
- Dayton, Ohio :
area, ground water resources, 9022
commodity transportation, production area series, 9956
wage survey, metropolitan area, 9320
- DC motors, *see* Electric motors.
- DCA, *see* Defense Communications Agency.
- DCSC, *see* Defense Construction Supply Center, Columbus, Ohio.
- DDT, evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
- Deacon, Laura M. Goditlaibois, *see* Goditlaibois-Deacon, Laura M.
- Dead, transportation of deceased dependents of members of Armed Forces, report, 1920
- Deadmore, Daniel, influence of time on vacuum vaporization rate and surface compositional stability of tantalum carbide-hafnium carbide solid solutions above 2000° C, 12365
- Deaf :
breaching wall of silence, 6690
captioned films for deaf, catalog, 635
hearing-loss trend curves, etc., in diesel-engineerom personnel, 13659
interpreting for deaf people, report of workshop, Governor Baxter State School for Deaf, Portland, Maine, 14069
model secondary school to serve National Capital region, Gallaudet College, establishment, etc.—
hearings, 15966, 16194
reports, 17273, 17526
preparation of teachers, conference, 13279

- Deaf, Convention of American Instructors, *see* Convention of American Instructors of the Deaf.
- Deaf, National Technical Institute for, *see* National Technical Institute for the Deaf.
- Dealers:
- credit in agriculture, data from 1960 sample survey, 8923
 - poultry, national improvement plan, participants, 5267, 9778
 - retail automotive, employee earnings and hours, 13613
 - securities, relationships, regulation, 4391
 - 8925, 14642
 - subject to certain sections of title 1, National housing act, list, 5934
 - trout and pondfishes, list, 10532
- Dealy, J. Edward:
- bitterbrush nutrition levels under natural and thinned ponderosa pine, 8963
 - spotlighting deer, potentials for management in western Oregon, 8962
- Deans (in schools):
- graduate, United States universities, 1872-1965, directory, 11869
- Deason, Willard, nomination hearings, 4215
- Death:
- clinical, threefold reanimation, USSR study, 2258
 - cohort infant mortality rates, 6584
 - cold-stressed mice, challenged with viruses by different routes, mortality rate, 79
 - construction fatalities for analysis, 10850
 - England and Wales, mortality trends, changes, 5121
 - infant and perinatal mortality, report of international conference on problem of United States, 12486
 - infant, fetal, and maternal mortality, U.S., 18082
 - infant mortality trends, United States and each State, 1441
 - morbidity and mortality weekly report, 3225
 - mortality—
 - diseases associated with smoking, U.S., 16811
 - New England dentists, 18003
 - overwintering eggs of budworm, etc., 13359
 - vital statistics of U.S., 14002-3
 - white and nonwhite infants in major U.S. cities, 4536
 - study of charter beneficiaries, 18098
 - records, where to write, 1447
 - sudden, in infants, conference on causes, proceedings, 13994
- Death Valley:
- general geology series), 7484-85
 - hydrologic basin, description, 7485
 - plant ecology, 7487
 - stratigraphy and structure, 7484
- Death Valley National Monument, general information, 6505
- Deaton, Jerry W., stiffness properties of foam-filled fabric structures, 7825
- DeBald, Paul S.:
- Kentucky forests—
 - Eastern Unit, 11995
 - Western Coalfield Unit, 14720
- Debates and debating:
- college topic, 1965-66, selected excerpts and references, 466
 - high school topic 1966-67, selected excerpts and references, 13065
 - reform of economic guidance system debates of Hungarian Academy of Sciences, 13577
- Debentures:
- Federal intermediate credit banks, delete interest rate limitation—
 - law, 17109
 - reports, 17206, 17463
- Debits, *see* Banks and banking.
- DeBlois, Eleanor N., increased dollar sales brought agricultural exports to alltime high in 1964, 628
- Debt:
- debt pooling—
 - and garnishment in relation to consumer indebtedness, State laws, 12205
 - State laws prohibiting or regulating, 12204
 - defaulted guaranteed housing loans, collection efforts of VA, GAO report, 4504
 - farm mortgage debt by States, 1972
 - home mortgages, estimated, quarterly, 2889
 - indebtedness, prohibit insured banks from issuing negotiable interest-bearing or discounted notes, certificates of deposit, etc., hearings, 11645
 - receivables and bad-debt losses, census of business, 1963, wholesale trade, 1700
 - reserve for certain guaranteed debt obligations, income tax deduction, reports, 15936, 17523
 - see also* Agricultural credit—Public Debt.
- deBurgh, Juanita C., relief, 17437
- Decaking of coals in fluid bed, 10931
- DeCarlo, J. A., coke and coal chemicals, 1106
- Decay (timber):
- and discoloration following logging wounds on northern hardwoods, 11954
 - beech, birch, and maple, organism interactions, 8974
 - building decay associated with rain seepage, 16942
- Decay coefficient, acoustic, of simulated rocket combustors, 9538
- Deceased, *see* Dead.
- Decedents' estates:
- District of Columbia code, titles 19 and 20, technical amendments—
 - law, 15744
 - reports, 8643, 16110
 - District of Columbia escheat cases, settlement by commissioners, report, 15871
 - probate and administration of small estates, 2279
 - rights of survivors in handling of savings bonds in estates, some legal aspects, 2549
- Deceleration, airline crash, head and face injury potential or seats, 14243
- Decelerators:
- ballute pressure measurements, 13841
 - drag characteristics in wake of X-15 airplane model, 6450
 - modified hydraulic braking system limits angular deceleration to safe values, 13746
- Decell, H. P., jr., iterative method for computing generalized inverse of matrix, 11078
- Deciduous fruits, *see* Fruit.
- Decimal classification, *see* Classification.
- Decision elements, binary sequence detector uses minimum number, 12306
- Decision logic table technique, 71
- Decision-making:
- Federal research and development programs—
 - hearings, 5694
 - report, 12920
 - improving in Government (addresses), 3866, 16986
 - optimal property of sequential procedures related to Bayes solutions, 9410
 - sequential decision rules for multiple choice problem, 9411
 - simulation technique for making management decisions in dairy farming, narrative, flow chart, and computer code description, 5864

INDEX 1966

- Decision-making—Continued
 - tactical—
 - behavior, study, 8194
 - functional requirements of training equipment, 7970
 - timeliness and accuracy in sequential decision making task, 8274
- Decisions, *see* names of courts, etc., rendering decisions—*also* subjects.
- Decks, roof decking, Army technical manual, 129
- Decoding:
 - Antisubmarine Warfare Environmental Prediction Services manual, 12410
 - time, error detection and correction approach, 15145
- Decomposition:
 - high temperature decomposition of inorganic salts, 17940
 - manganese sulfate, by partial reduction process, 10930
- Decompression:
 - effects on operators' performance, 11448
 - equations, computer solution, 13666
 - rapid to near vacuum, effect on chimpanzee, 1188
- Decompression sickness, *see* Aeroembolism.
- Decontamination:
 - aircraft, practice guide, 14684
 - radioactive, methods of combating pollution, 7616
- Decorations of honor:
 - Air Force manual, 6792
 - foreign, acceptance by government officials and employees, establish basic uniform standards, reports, 10286, 17238
 - merchant marine, U.S., 16551
 - Order of Isabella the Catholic, award to Eugene J. Keogh, authorize acceptance, 17066, 17413
- de Corpus, Consuelo A., *see* Corpus, Consuelo A.
- Decoupling, seismic, at nuclear level, experiment, Project Dribble, Salmon event, Vela Uniform program, Tatum Salt Dome, Miss., 3850-53, 5414-16, 6868
- De Coursey, Donn G., runoff hydrograph equation, 8126
- Deductions, *see* Income tax.
- Deep Springs Lake, Inyo County, Calif., hydrology and mineralogy, 9018
- Deep Springs Valley, Calif., clastic sedimentation, 817
- Deer:
 - blacktail, bibliography, 10616
 - habitat management problems in northern forests, 8973
 - key, conservation—
 - hearings, 13053
 - report, 17265
 - seeding conifers and buffer crops to reduce deer depredation, 17687
 - slash cleanup in ponderosa pine forest affects use by deer, 13366
 - spotlighting, potentials for management in western Oregon, 8962
 - use of—
 - openings in spruce-fir forests of Arizona, 13368
 - ponderosa pine forest in Arizona, 13365
- Deer Lodge County, Mont., geology of northwest quarter of Anaconda quadrangle, 12013
- Deering, Elmer C., bond sales for public school purposes, 4296
- Deerwester, J. M., trajectories to Jupiter, Ceres, and Vesta, planetary flight handbook, 9445
- Defectoscope, radiation safety during gamma ray defectoscopy, regulations, Bulgarian study, 2226
- Defense, *see* Civilian defense—National defense.
- Defense Atomic Support Agency, scientific information activities, 13890
- Defense communications, *see* Military communications.
- Defense Communications Agency, DCA circular, 7251
- Defense Construction Supply Center, Columbus, Ohio, procurement estimates catalog, 10385
- Defense contracts, *see* Government contracts.
- Defense Department:
 - active duty retirement benefits for Army and Air Force Reserve officers, GAO report, 13378
 - ammunition management, GAO report, 8991
 - appropriated funds, reprogramming, case study, 508
 - appropriations, 1966—
 - hearings, 507
 - military procurement, report, 17198
 - public works, law, 401
 - appropriations, 1966, supplemental—
 - military procurement and construction—
 - hearings, 5797, 7117
 - law, 7031
 - reports, 5666, 5757, 7079, 7083
 - proposal, 4067
 - southeast Asia, military activities, construction—
 - hearings, 5797, 7117
 - law, 7031
 - reports, 5666, 5757, 7079, 7083
 - southeast Asia military operations—
 - hearings, 5681
 - law, 7038
 - reports, 5679, 7184, 8544
 - appropriations, 1967—
 - hearings, 8649, 10228, 13013, 17357, 17274, 17566
 - reports, 12914, 15880, 16094
 - appropriations, 1967, military construction, hearings, 11642, 16172
 - appropriations, 1967, military procurement—
 - hearings, 8766, 10232
 - law, 11593
 - reports, 8644, 8744, 12930
 - cataloging and standardization program, semiannual report, 1846, 5684
 - cataloging handbook H series, 601-602, 1960, 2930-40, 2963-64, 2966-68, 4242-43, 5843, 10383, 14514
 - cataloging manual M (series), 603-605, 4244
 - charges to defense contracts for company—
 - aircraft, GAO report, 13379
 - chemical warfare agents now employed or contemplated by Pentagon in Vietnam, USSR article, 2195
 - civilian manpower policies in Far East and Western Europe, investigation, authorization, report, 17301
 - commanders digest (periodical), 6822
 - commercial warehouse service plan for general merchandise and refrigerated storage, 17609
 - contract audits by GAO, policies, etc., reports, 7098, 12987
 - contract negotiation and award, need for postaward audits, GAO report, 6014
 - contractor performance evaluation (development and production), guide, 14518
 - contractors, long-term leasing of buildings and land, GAO report, 16344
 - contracts with Univac Division, overhead cost charges, GAO report, 9000
 - cost reduction program—
 - examination, 14408A
 - memorandum, 13243
 - report, 2802

Defense Department—Continued
 decision to reduce number, etc., of manned bombers in SAC—
 hearing, 8653
 subcommittee report, 8657
 defense industry bulletin (periodical), 2844
 defense logistics management training, catalog, change, 8796
 education of dependents overseas, report, 7132
 employees, reemployment leave travel benefits granted, GAO report, 8998
 General Counsel, nomination of Paul C. Warnke, hearing, 17571
 Government gasoline outlets, potential savings through greater use, GAO report, 13376
 Granite City Defense Depot, employees relief, 4076, 14362
 handbook, DSAH series, 606-607, 4245, 7253-57, 8797-8805, 10386-390, 11841-845, 13246-248, 14516, 16207-209, 17606-607
 incentive awards program, 9882
 Information Analysis Centers—
 directory, 6355
 scientific information activities, 13890
 installations, former, productive civilian uses, 4260
 interservice action needed when management policies and practices differ for similar items, GAO report, 14726
 leasing motor vehicles for use by Government contractors, GAO review, 16348
 Logistics Research Conference, professional papers, procurement practices, 17613
 manual DSAM series, 608-611, 4246-50, 5846-49, 7258-61, 8806-8, 10391-393, 13249-252, 16210, 17608
 manufacturers part and drawing numbering systems, 5843, 10383, 14514
 military construction and family housing appropriations, 1967, reports, 15908, 17311, 17513
 military construction authorization, 1966, report, 17199
 military construction authorization, 1967—
 hearings, 11644, 11789
 law, 15745
 reports, 10306, 12967, 15881
 military handbook, 615
 military personnel, consolidation of field organizations, etc., for recruiting, GAO report, 10622
 military standards, 4257, 7263-66, 8813-14, 10394, 11849-853
 milk procurement, price adjustments, amend U.S. Code, hearings, 17361
 missile and space ground support operations—
 hearings, 7148
 report, 7096
 overseas household goods shipments, charges for diversion, GAO review, 14734
 overseas teachers pay, correct inequities—
 law, 8467
 reports, 4173, 7101
 policies, etc., applied in evaluating foreign source components and barter bids for undersea cable communications system, GAO report, 4506
 policy guidance strengthened on direct procurement of components needed by contractors in production of weapons systems and other major end items, GAO report, 8988
 potential savings through Government quarters in lieu of payment of quarters allowances to U.S. military personnel in Taiwan, GAO report, 6019
 procurement and utilization of security covers for nuclear weapons, GAO review, 16349

Defense Department—Continued
 regulations DSAR series, 17609
 review of assignment of enlisted personnel to nonmilitary activities, GAO report, 4502
 rotation of civilian employees assigned to duties outside United States, 524
 specifications and standards, index, 14519
 supplement, 3055
 standardization documents, supply classification listing, 2965, 14517
 standardization manual M (series), 3533, 5856, 13245
 standardization policies, procedures, etc., manual, 3533, 13245
 surplus personal property—
 classes sold, 14515
 how to buy, 5852
 travel regulations, civilian personnel, 614, 3098
 United States activities in Viet Nam, internal audits and inspections, GAO report, 13385
 utilization, etc., excess beds and bedding, GAO report, 13386
 Defense disposal manual, 611
 Defense Documentation Center, descriptors thesaurus, 14524
 Defense facilities, *see* Plants (industrial).
 Defense industry bulletin (periodical), 2844
 Defense industry diversification, analysis with 12 case studies, 6825
 Defense Language Institute, general information, 13244
 Defense Logistics Services Center :
 DSA-DLSC manual, 16211
 provisioning screening procedures, manual, 16211
 Defense materials, *see* Strategic materials.
 Defense procurement circular, 2845
 Defense production, *see* Production.
 Defense production act, *see* Production.
 Defense Production Joint Committee :
 committee print, 452
 hearing, 453
 report, 4164
 Defense scrap yard handbook, 14516
 Defense Supply Agency :
 career opportunities, 17605
 civilian career, program for—
 quality assurance and control, 16210
 supply management, 8806
 correspondence manual, 7259, 10392
 defense traffic management handbook, 607
 DSA-DLSC manual, 16211
 field establishment directory, 11845
 change, 13248
 files maintenance and disposition, manual, 5849
 general information, 17610
 handbook, DSAH series, 606-607, 4245, 7253-57, 8797-8805, 10386-390, 11841-845, 13246-248, 14516, 16207-209, 17606-607
 headquarters, organization, missions, and functions, 17612
 how to do business with DSA, 16212
 HQM series, 17612
 index of publications, forms, etc., 4245, 10390
 introduction to, general information, 7262
 item management coding manual, changes, 5846-47
 manual DSAM series, 608-611, 4246-50, 5846-49, 7258-61, 8806-8, 10391-393, 13249-252, 16210, 17608
 MILSTRIP, military standard requisitioning and issue procedures, manual changes, 4258, 7267, 10395, 14520
 procurement regulation, 11846
 revisions, 2846
 regulations DSAR series, 17609
 scientific information activities, 13890
 Defense traffic management handbook, 607
 Defense utilization manual, 4246, 10391, 13249

- Definitive designs for naval shore facilities, 1567-68
- Deflection :
sensing rings, angular acceleration measurements, 9456
tapered wood beams, 4462
time dependent, of floating ice sheet, 15510
- Defoliants :
gypsy moth egg-mass density and subsequent defoliation, relationship, 8959
sagebrush defoliator outbreak in northern California, 2069
- Defoliation, pine butterfly, effect on ponderosa pine in southern Idaho, 16325
- Deformations (mechanics) :
gauge, polymer, measures thickness change in tensile tests, 7801
inelastic, of rock under hemispherical drill bit, 16582
plane thermoelastic deformation of internally heated annular disks or hollow cylinders, 4985
strain gage network distinguishes between thermal and mechanical deformations, 12321
see also Plasticity.
- Degasification, vacuum outgassing of metallic and coated surfaces, 4968
- Deglutition, effect on tooth mobility, 9867
- Degrees (colleges, universities, etc.) :
advanced, fall 1963, enrollment, final report, 7304
conferred during 1964-65, summary, 16242
earned degrees conferred, 1963-64, bachelor's and higher degrees, 7302
engineering, 1962-63, and enrollments, 1976
engineering, 1964-65, advance reports, 10418
Hungarian Academy of Sciences, academic awards and degrees, directive, 16481
Hungary, new doctors and candidates, lists, 6112, 9083, 14836
Rumania, decree concerning scientific degrees, 2246
second-level, conferred by U.S. institutions of higher education, 1963-64, number and kinds, 11877
- DeHuff, Gilbert L. :
manganese, 17838
vanadium, 13703
- Dehumidifiers, U.S. Air Conditioners and Dehumidifiers Show, July 22-30, 1965, U.S. Trade Center, Tokyo, Japan, registered visitors, list, 10021
- Dehydration, *see* Hypohydration—*also* names of commodities.
- Dehydrators, *see* Dryers (Industrial).
- Deissler, Robert G., weak locally homogeneous turbulence in idealized flow through cone, 16679
- Deitch, Jerome, status of irradiated food petitions, 12692
- Deitschman, Glenn H., western white pine site index and tree height, 8972
- DeJarnette, Fred R. :
application of Lax's finite-difference method to nonequilibrium hypersonic flow problems, 7897
effects of vibration-dissociation coupling models on nonequilibrium hypersonic flow of nitrogen over wedge, 13828
- De Laguna, Wallace hydrologic analysis of postulated liquid-waste releases, etc., 13394
- de la Torre, Jose E., relief, 8697
- Delaware :
census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
climatological data, 2751
county business patterns, 1715
electric rate book, 705
life tables, 18015
medical assistance for the aged, under social security act, 11905
- Delaware—Continued
mineral industry, minerals yearbook chapter, 17841
place names, 13404
postal map, 13933
precipitation data, hourly, 3045
Sussex County Soil and Water Conservation District, crimson clover for soil cover, grazing, and hay (colored poster), 9667
water, general information, 6039
- Delaware and Hudson R.R., accident, 12069
- Delaware River and Valley :
record low tide of Dec. 31, 1962, 13415
tidal, fresh-water discharge-salinity relations, 10647
- Delaware River Basin Commission :
appropriations, 1966, public works, law, 401
appropriations, 1967, hearings, 10229
- Del Baglivo, Anna, relief, 1807
- Del Frate, Pietrina, relief, 1805
- Delgado, Antonio Rondon, *see* Rondon Delgado, Antonio.
- Del Grosso, V. A., systematic errors in ultrasonic propagation parameter measurements, 1351
- Delinquency, *see* Juvenile delinquency.
- Delinquent children, *see* Juvenile delinquency.
- Deliroglou, Konstadyna B., and son, relief, 5733, 15692
- Dell, John D., variations in moisture content of several fuel size components of live and dead chamise, 10573
- Della Croce, Norberto, marine cladoceran *Penilia avirostris* in northwestern Atlantic waters, 7444
- Delmarva Peninsula :
hydrologic study, authorize—
law, 17116
reports, 13147, 17215
- Delta National Wildlife Refuge, fishes, list, 16310
- Delta wings, *see* Wings (aircraft).
- DeLuzio, Frank C., remarks, Aug. 10, 1966, 13432
- Demand, *see* Supply and demand.
- DeMarrais, Gerard A., meteorological summaries, atmospheric transport, etc., over southern California, 5229
- Demetrious, James A., fluorescent products in urine of rats exposed to ionizing radiation, 8212
- Demineralization of saline water, *see* Water.
- Deming, Frederick L. :
addresses, etc.—
Nov. 12, 1965, 1513
Nov. 19, 1965, 1514
Feb. 16, 1966, 6682
May 9, 1966, 9745
July 14, 1966, 12548
- Demmerle, Alan M. :
error detection and correction approach to time decoding problem, 15145
signal conditioning to improve high resolution processing for PFM telemetry, 9503
- Democracy :
exercise in industrial democracy (address), 11119
voluntary democratic associations, bibliography on community organization for citizen participation, 1396
- Democratic Republic of Congo, *see* Congo (Leopoldville).
- Democratic Republic of Vietnam, *see* Vietnam.
- Demodulators :
diversity-lock phase, 7861
PN acquisition, automatic synchronization of telemetry channel, 12313
- Demography :
mirror of Bulgarian life, 4605
recent trends, effects on maternal and child health needs and services, 11484
- Demolition, *see* Wrecking.

- Demonstration cities program, why it is needed, etc., 14760
- Dental performance computers: for use with—
fixed pitch propeller airplanes, 14681
variable pitch propeller airplanes, 14682
- Denardo, B. Pat. penetration of polyethylene into semi-infinite 2024-T351 aluminum, etc., 7882
- Denbigh Experimental Forest, N. Dak., ponderosa pine, performance of seed sources, 5982
- Dengler, Dieter, imprisonment and escape after his aircraft was shot down over North Vietnam, testimony, hearing, 17570
- Denmark:
community mental health services, 5025
economy, basic data, 4012
labor conditions, 13628
mineral industry, mineral yearbook chapter, 2323
Soviet scientists in, 13521
- Dennard, John S., mass-flow rates and total-pressure recoveries for semicircular open-nose inlet, 7830
- Dennison, R. A., low level irradiation effects upon food preservation, 8294
- Densitometers:
development of methods in bone densitometry, 6352
liquid hydrogen, high accuracy, etc., 17903
- Density:
atmospheric—
density determination with rocket-borne thermistor, USSR study, 2269
density determined during minimum solar activity by means of Explorer XIX satellite, 11059
binary fluoride mixtures, 16581
bone densitometry methods, development, progress, 6352
concentration profile establishment of binary gas mixture in swirl and duct flows, 9304
discharges, electrode phenomena in high energy, as applied to plasma acceleration problems, 12266
electron, and scale heights in topside ionosphere, Alouette 1 observations in midlatitudes, 10980
fluid, 3-dimensional wire-mesh capacitor system measures, 4874
gas, effect on work of breathing in man, 8216
Greenland snow, determined by sonic wave velocity measurements, 9891
gypsy moth egg-mass, and subsequent defoliation, relationship, 8959
human body, measured by water displacement of adult male, 14235
key to wood quality, proceedings of symposium, 7458
liquid-hydrogen measurements using open-ended microwave cavity, 17930
litter in longleaf pine stands thinned to prescribed densities, 16334
PTFE-aluminum films serve as neutral density filters, 4854
supernuclear, equation of state of matter, 1247
upper stratosphere and mesosphere measurements, 13848
variations in free atmosphere, northern hemisphere, USSR study, 6241
- Density function, see Probabilities (mathematics).
- Dental administration, Navy manual, 6530, 15245
- Dental assistants, trained, facts for counselors, 2542
- Dental care, see Dentistry.
- Dental clinics, State programs, digest, 12463
- Dental Corps, Army, continuing education program for officers, 5360
- Dental Corps, Navy, your career in Naval Dental Corps, 2315
- Dental hygienists:
employment outlook, 9226
salaries in local health departments, 12484
- Dental instruments and apparatus:
census of manufactures, 1963, industry report, 11453
Federal item identification guides for supply cataloging supplements, 2937
- Dental kits, emergency, for use on extra-terrestrial missions, 9872
- Dental laboratories:
dental laboratory technicians—
apprenticeship and training policy, 106, 14200
employment outlook, 9227
- Dental materials, see Dental supplies.
- Dental schools, grants for program improvement and scholarship, law, summary, 4534
- Dental science, dexamethasone suppression tests, parotid fluid corticosteroid response, 11383
- Dental supplies:
adhesive restorative materials—
inorganic polymers, literature survey, 2498
requirements and test methods, 7927
workshop proceedings, 15269
Federal item identification guides for supply cataloging, supplements, 2937
- Dental technicians:
dental laboratory technicians—
apprenticeship and training policy, 106, 14200
employment outlook, 9227
prosthetic, Navy training course, 6531
- Dentifrices, stannous fluoride prophylaxis pastes, protection of enamel surfaces, 6816
- Dentistry:
aerodontalgia under hyperbaric conditions, 14995
Army Dental Corps continuing education program, 5360
astrostomatology, dental standards for selection and examination of space crewmen, 12641
dental administration, Navy manual—
change, 15245
planning, construction and maintenance of naval dental facilities, 6530
dental research highlights, search for oral health, 5212
dental services for American Indians and Alaska natives, fiscal year 1965, annual report, 6573
dental support, Fleet Marine Force manual, 4743
dental visits, July 1963-June 1964, U.S. statistics, 8005
group practice facilities, financial assistance for constructing and equipping—
hearings, 8659
reports, 13188, 14388, 15897, 17202, 17241, 17336
summary of House bill, 8664, 13023
local dental health programs, Contra Costa County, Calif., Hartford, Conn., Jefferson County, Ala., 6586
military medical benefits act of 1966—
hearings, 13195
reports, 7105, 8612, 16091
miniaturized VHF FM/FM telemetry system, 3798
Naval Dental Corps, career opportunities, 2315
parotid fluid flow rate in subtropical climate, seasonal variations, 6813
parotid fluid protein-free filtrates, preparation, 8217
periodontal status of incoming Air Force Academy cadets, 15493
prepaid dental care, glossary, 1430
protective performance of stannous fluoride-zirconium silicate pastes, 8208

INDEX 1966

- Dentistry—Continued
State dental health programs, digest, 12463
X-ray shielding, guidance for design, 16962
- Dentists :
employment outlook, 9228
Naval Reserve Dental Companies, curriculum, 13902
New England, mortality, 18003
salaries in local health departments, 12484
- Denton, Thomas C. :
mineral industry of—
Kenya, Tanzania, and Uganda, 7695
Rhodesia (Southern Rhodesia), Zambia, and Malawi, 7702
South Africa, 9364
regional mineral industry review of Africa, 9367
- Denver, Colo. :
aeroradioactivity survey and areal geology of area, 12670
area wage survey, 7668
Forest Service land, development for recreational purposes—
law, 11553
reports, 5672, 10308
- Deoxyribonucleic acid, *see* Desoxyribonucleic acid.
- Department stores, *see* Stores.
- Departmental Task Force on Social Work Education and Manpower, report, 6046
- Dependent children, *see* Children.
- Dependents, *see* Armed Forces—Pay, allowances, etc.—Veterans.
- Deportation, cases suspended, 1896, 12898, 13100
- Deposition, *see* Sedimentation and deposition.
- Depository libraries, *see* Libraries.
- Deposits (soldiers, etc.) :
improve program for members serving outside U.S.—
law, 15721
reports, 12921, 13180
- Depreciation :
accelerated depreciation allowance, suspend—
hearing, 17400
reports, 15932, 17341, 17537
depreciable property, farmers tax deduction from gross income for assessments for soil or water conservation or drainage districts, report, 17334
- Depth indicators, and stop aid machining to precise tolerances, 9463
- Depth perception, *see* Perception.
- Depuration plant design, 13962
- Dermatology, advances, USSR studies, 13565
- Derrickson, Gardner F., iron and steel scrap, consumption problems, 11450
- Desalination :
brackish water conversion demonstration plant, Roswell, N. Mex., reports, 9036-37
desalting for northern New Jersey and New York City, potentialities and possibilities, engineering study, 16378
electrosorption and desorption, 16373
freezing and reverse osmosis, 7516
mineral by-products, 17737
research program, 1967 review, hearing, 8671
reverse osmosis plant, design study, 9038
reverse osmosis systems, 9042
sea water conversion—
conceptual design of—
50 million gallon per day plant, 846-847, 2111, 6055, 6058-59, 9034, 10662-664, 12042-43, 12045, 12055, 13430
150 million gallon per day plant, 16370
evaporators, optimum brine heater outlet temperature, 12053
- Desalination—Continued
thermophysical properties of saline water systems, 12054
see also Sea water.
Desalting of sea water, *see* Sea water.
Desautels, Paul E., gems in Smithsonian Institution, 5139
Descriptive cataloging, *see* Cataloging.
Descriptors, *see* Subject headings.
Desegregation in education, *see* Race problems.
Desert bighorns, *see* Bighorn sheep.
Design features affecting asepsis in hospitals, 7997
Design manual DM series, 1569, 6707
Design procedure for weight optimization of straight finned radiators, 15143
Design reliability goal developed from small sample, 16628
Designs (aircraft) :
airborne simulator conceptual design report, 16591
Nimbus spacecraft, schedule, National Aeronautics and Space Administration, GAO review, 17714
thermostatic fin spacecraft temperature control, 10966
Designs (architectural), *see* Architecture.
Designs (decorative) :
protection act—
hearing, 5816
report, 13165
Designs (industrial) :
control systems, on-off class, applications of rate diagrams to analysis and design, 10952
depuration plant for shellfish, 13962
equations of swept frequency spectrum analyzers, 15196
fracture-safe design of complex welded structures, concepts and procedures, 1379
maintainability guide for design, engineering design handbook, AMC pamphlet, 9883
orbiting radiotelescope, large, preliminary studies, 15070
oxygen-mask, selected facial measurements of children, 15555
protection, laws, etc.—
Australia, 345
Colombia, 14326
reverse osmosis plant for sea water conversion, 9038
seismic design for buildings, Army technical manual, 14223
technology and manpower in design and drafting, 1965-75, report, 17800
torque wrench designed for restricted areas, 4848
Designs (patents) :
in official gazette, 3288
Desks :
steel, general office flat top and typewriter, Federal standard, 736
wood, general office, flat top and typewriter, Federal standard, 737
Desmodus rotundus, *see* Bats.
Des Moines, Iowa, area wage survey, 9326
DeSocio, Ralph S., jr., relief, 387
Desorption :
carbon dioxide and oxygen from sea water, 12048
desalination by electrosorption and desorption, 16373
kinetics of multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
DeSoto National Memorial, general information, 65006
De Soto National Wildlife Refuge, general information, 4424

- Desoxyribonucleic acid :
nucleotide composition in pasteurized,
USSR study, 10831
thymidine incorporation after irradiation,
5329
- Detection in homogeneous visual field under
condition of infinite depth of focus, 2490
- Detectors :
binary sequence, uses minimum number of
decision elements, 12306
flame-detector rods, mounting facilitates
removal and installation, 7803
focus, disclosures on magnetic tape holder,
7921
hot-wire, for chemically active materials
used in chromatography, 7793
hydrogen fire detection system features
sharp discrimination, 13800
liquid nitrogen-cooled gamma ray system,
mount for portability, 9455
measuring positron-to-electron ratio at
balloon altitudes, 2413
narrow band X-ray detector using radio-
isotope X-ray sources, 6855
non-acoustic devices for submarine detec-
tion, 2254
optical device enables small detector to see
large field of view, 12305
photoionization, soft X-ray, 6417
portable methane, effects of gases in mine
atmospheres, 9361
solid state, monitor relay contacts, 15126
test strips detect different CO₂ concen-
trations in closed compartments, 4883
voltage ratio for millivolt signals, 2454
see also Radiation detection instruments.
- Detonating cord, explosive force of prima-
cord grid forms large sheet metal parts,
4851
- Detonations :
end and axial methods of detonating ex-
plosive in granite, comparison, 2349
initiation in alkane-oxygen mixtures,
15031
nature of detonation, USSR study, 4679
see also Nuclear explosions.
- Detonators, vapor toxicity of new anti-
detonator, manganese cyclopentadienyl-
tricarbonyl, 899
- Detroit, Mich. :
area wage survey, 8325
commodity transportation survey, pro-
duction area series, 9955
principal electric facilities, map, 7375
vision and hearing screening in selected
classes for mentally retarded, 14283
- Detroit River and Valley :
Michigan, pollution of navigable waters,
conference, 5103
water pollution, control, etc., hearing,
17381
- Detroit, B. F., cloth strainer for honey con-
ditioning systems, 9835
- Deurbrouck, Albert W. :
preparation characteristics of coal from—
Barbour County, W. Va., 4792
Buchanan County, W. Va., 6325
Webster County, W. Va., 15026
steam as coal dewatering aid during
vacuum filtration, pilot plant study,
4798
sulfur reduction in Appalachian region
coals by stage crushing, 6288
- Deuterons, bombardment, absolute photon
yields of light elements, 16699
- Deveaux, G. D., XV-9A hot cycle research
aircraft, 3836
- Develkis, William D., aerodynamic charac-
teristics of tension shell shapes at Mach
3.0, 16690
- Development, *see* Underdeveloped areas.
- Development (economics), *see* Economic
policy.
- Development digest (periodical), 2854
- Devices :
centrifugal device separates liquid from
gas, 4887
device serves as hinge and electrical con-
nector for circuit boards, 13794
facilitate centering of workpieces in lathe
chuck, 12318
floating, aligns blind connections, 4844
flux averaging, use to obtain accurate
measurements in the infrared, 2455
friction device damps linear motion of
rotating shaft, 4867
friction loading, enable accurate testing
of brittle materials, 13780
high-voltage isolation device for ion-
thrustor propellant feed, 13838
pneumatic separator gives quick release to
heavy loads, 15093
radiation resistant, 6338
remove hydrogen gas from enclosed spaces,
13775
self-powered, portable, detects internal
flaws in tubular structures, 4865
semiautomatic, tests components with
biaxial leads, 13772
simple device facilitates inert-gas weld-
ing of tubes, 9467
special mount improves remote transducer
accuracy, 4858
wire, protects MOS transistors from dam-
age, 16639
- Devine, James F. :
effect of charge weight on vibration levels
from quarry blasting, 12243
vibration levels transmitted across pre-
split fracture plane, 1166
- Devitrification of lithium disilicate glass,
2354
- Devlin, James M., sources of information on
containers and packaging, 179, 8320
- DeVoe, James R., radiochemical analysis,
5013
- Devonian period :
Guilmette Formation and Simonson Dol-
omite in Pequop Mountains and Wood
Hills, Nev., discussion of high concen-
trations of zinc, lead, and mercury,
16355
Stringocephalus in Devonian of Indiana,
11224
- Dewey, D. H., hydrohandling system for
sorting and sizing apples for storage in
pallet boxes, 11357
- Dewey, M. L., influence of variations in en-
vironmental temperatures on systemic
effects of alcohol alone and in combination
with other drugs, 3781
- DeWitt, Richard L., pressurant gas injec-
tors during pressurized discharge of liquid
hydrogen, 11077
- DeWolfe, Mildred R., air shipments of agri-
cultural commodities, 7286
- Dexter, Howard B., salt stress corrosion of
residually stressed Ti-8Al-1Mo-1V alloy
sheet after exposure at elevated tempera-
tures, 7837
- Dextran, treatment of edematous states,
USSR study, 14906
- DeYoung, Alan, relief, 7073, 14359
- DHIA, *see* Dairy herd improvement associa-
tion.
- Dhufar, geology of part, 17723
- Diabetes :
conference on methodological approaches
to population studies, proceedings,
15294
high yield screening, 1423
literature index (periodical), 7928
- Diagnosis :
analysis of bronchoscopic symptoms of
pulmonary cancer with digital electronic
computer, USSR study, 12132
design of facilities for mentally retarded,
16800
isotopes, uses, 5427

- Diagnosis—Continued
 principles of machine diagnosis, USSR study, 1054
see also names of diseases.
 Dialectics, *see* Reasoning.
 Dialectology, Russian, 7600
 Dialects, *see* Language and languages.
 Dialkyl triorganosilyl methoxymethyl phosphinates and their hydrolytic stability, 6129
 Dials, safety dial, 1086
 Dialysis, application of inorganic ion-exchange membranes to electrodialysis, 7512
 Diamond, W. G., mineral industry of Kansas, 1127
 Diamond bits, *see* Diamond drilling.
 Diamond Creek, Gila trout, ecology, 14679
 Diamond drilling, impregnated diamond bits, drillability studies, 12244
 Diamonds:
 industrial diamond & small diamond dies, U.S. consumption and trade, 9943
 tools, disposal from national stockpile, hearings, 11643
 Diaperini, *see* Beetles.
 Diaphragms:
 die and telescoping punch form convolutions in thin diaphragm, 4886
 diffusion technique, electrolytes, principles and practices, 1477
 electrically heated, eliminates use of pyrotechnics, 2403
 spring gives clutch over-center toggle effect, 15094
 stations, primary and secondary, area changes, effect on expansion-tube performance, 6459
 valve for corrosive and high temperature fluid flow control, 15096
 vibrating, measures high electrostatic field strengths, 1227
 Diatomaceous earth, wheat, protectant against insect damage in small bins, *errata*, 6754
 Diatomite, minerals yearbook chapter, 15003
 Diatoms:
 common, at water pollution surveillance system stations, guide, 13331
 late Pleistocene, from Trempealeau Valley, Wis., 13409
 Diaz, Jose E., relief, 15680, 17116
 Diaz Franquiz, Jose J., relief, 8707, 17075
 Diazotype paper, sheet sizes, Federal standard, 11954
 Di Battista, John D., spray velocity resulting from high-velocity penetration of thin plates by disks, 16682
 Diborides, *see* Titanium diborides.
 Dickens, L. E., technology of tunnel devices for millimeter-wave applications, 10963
 Dickinson, Phillip P., master planning of NASA installations, 5634
 Dickson, John N., general instability of ring-stiffened corrugated cylinders under axial compression, 4902
 Dickson City, Pa., railroad accident, 12069
 Dictionaries:
 aerospace glossary, 9843
 geologic names of United States, Panama Canal, and Pacific Islands, 9008
 German military dictionary, 1658
 military terms for joint usage, 16389
 occupational titles, 1985
 conversion table, 4325
 corrections, 13288
 training manual, 666
 technical terms for aerospace use, 1194
 Vietnamese-English, 16425
 Dictionary stands, wood, Federal standard, 11953
 Dicyandiamide, duty-free treatment, report, 17329
 Dicycloalkyl sulfide, *see* Sulfides.
 Diedrich, James H., emittance and solar absorptance of several coatings, 7889
 Dieldrin, poisoning, aerial application problems, comparison of effects in cold-adapted and room-temperature mammals, 11447
 Dielectrics:
 dielectrometer design permits measurement in vacuum under irradiation, 16624
 electrolytic preparation of high dielectric thin films, 4821
 properties of polymers, bibliography, 13255
 spheres, values for scattering in region of first resonance, 12439
 Dielectrometer design permits measurement in vacuum under irradiation, 16624
 Dies, *see* Taps and dies.
 Dies (metal-working):
 die and telescoping punch form convolutions in thin diaphragm, 4886
 heated die facilitates tungsten forming, 6373
 small diamond, U.S. consumption and trade, 9943
 Diesel engines:
 emission of pollutants, control—amendments, 2107
 law, 396
 introduction to diesel engines 2, USAFI course study guide, 11840
 noise effect on hearing loss, etc., on engineer room personnel, 13659
 Diesel fuel, *see* Fuel oil.
 Diesel mechanics, *see* Mechanics (persons).
 Diet:
 experimental space-flight diet, isolation of Mima and Herellea, 11382
 intakes and body burdens of cesium-137, 2523
 rational, USSR study, 7608
 therapy in nephropathy concomitant with bile duct diseases in children, USSR study, 1032
 tube-type—
 effect of stress-inducing conditions on tooth mobility, 12632
 oral hygiene procedures, 12633
 Diets, hospital services, planning guide, 13972
 Dietitians, employment outlook, 9230
 Dietrich, J. K., power reactor technology, review of recent developments, 3335
 Difference equations, *see* Equations.
 Differential equations, *see* Equations.
 Differential games and manual control, 16704
 Diffraction:
 patterns, calibrated X-ray, felsic rocks, rapid modal analysis, 4511
 wave, all-Union symposium, abstracts of reports, 2209
 wedge, application to antenna theory, 4827
 X-ray, powder patterns, 15206
 Diffractometers, double neutron, duty-free entry, 17190
 Diffusers, gas, facilitates withdrawal of cryogenic liquids from tanks, 13777
 Diffusion:
 bonding—
 broad applications, 7731
 seal at flanged connector, 11042
 coatings of metals, USSR study, 4644
 controlled char oxidation, and its effect on steady-state ablation of plastic materials, analysis, 13847
 electrolytes, diaphragm techniques, principles and practices, 14771
 gallium-phosphorus-zinc, etc., systems, ternary phase diagrams, 9412
 hydraulic diffusivity of wedge-shaped aquifers drained by streams, measurement, 13408
 properties of duplex refractory metal thermionic emitters, 15044
 self-diffusion in ice single crystals, 8239
 static models of upper atmosphere with empirical temperature profiles, 2560

- Diffusion—Continued
 surface, of free-molecule flow through cylindrical tubes, 4962
 technique stabilizes resistor values, 7796
 vapor diffusion electrode improves fuel cell operation, 13729
- Diffusion pumps, *see* Pumps.
- Diffusion welding, *see* Welding.
- Digests, *see* names of departments, etc., issuing digests—*also* subjects.
- Digital computer systems analysts, examination announcement, 12735
- Digital computer systems operator: examination announcement, 9939
 amendments, 3969, 14300
 trainee, career opportunities, IRS, 4560
- Digital computers, *see* Electronic computers.
- Digital filters, adaptive, and polynomial, control techniques applied to large launch vehicles, 9431
- Digital integrators, *see* Integrators.
- Digital-to-analog converters, video signal processing system for spaceflight simulator, 16643
- Dill, Ellis H., photoviscoelasticity, 9418
- Dille, J. Robert, human factors in aviation accidents, 16984
- DiLosa, V. J., diversity-lock phase demodulator, 7861
- DiLuzio, Frank C.:
 nomination, hearing, 14487
 remarks, Mar. 30, 1966, 7510
- Dimension stone, *see* Stone.
- Dimensional analysis:
 control-systems, on-off class, applications of rate diagrams to analysis and design, 10952
 performance of sand under tire loads, WES data, dimensionless consolidation, 4336
 significance in spin wave theory of ferromagnetism, 11099
- Dimensional metrology, subject-classified with abstracts, etc., 12383
- Dimethylhydrazine, cardiovascular effects in anesthetized dog, 96
- Dimond, Nancy, Navy Supply Corps newsletter, 3256
- Dimple, spall, and perforation characteristics in aluminum, columbium, and steel plates under hypervelocity impact, 12350
- Dingman, S. Lawrence, hydrologic studies of Glenn Creek drainage basin near Fairbanks, Alaska, 8244
- Dining facilities for enlisted personnel, 14225
- Dining rooms, seating in dining facilities, Indian school construction standards, GAO report, 9002.
- Dinker Creek, roof pendant, strigraphy and structure, 10645
- Diodes:
 substituting transistor for diode improves rectifying means, 13733
 thermionic, bypass rod transfers heat developed, 13739
 thermionic conversion including space-charge theory, Schottky theory, and isothermal diode sheath theory, 6463
- tunnel—
 devices for millimeter-wave applications, technology, 10963
 low power nanosecond and logic circuits using, 15168
see also Crystal diodes.
- Dipentaerythritol, NMR analysis of mixed pentaerythritol, dipentaerythritol, and trimethylpropane esters, 1383
- Diphenyl ether, calorimeters for determining heat of fusion of iron, 6315
- Diplococcal polyserositis, *see* Polyserositis.
- Diplomacy, educational and cultural, 1490
- Diplomas, sign your own diploma (address), 8852
- Diplomatic list, 2857
- Diplomatic reception rooms, 12521
- Dipyrromethanes, *see* Methanes.
- Direct currents, *see* Electric currents.
- Direct vs. indirect assessment of simple knowledge structures, 8193
- Direction indicators, system does not require complicated optics, 16630
- Direction U.S.A., 15404
- Directional equilibrium of artificial satellite enveloping nonuniform region of gravitational field, 5072
- Directions U.S.A., entry, travel, etc., 5201
- Directories:
 airport, airman's information manual, 11385
 architectural, engineering and consulting firms with certified fallout shelter analysts, suppl., 6958
 Area Redevelopment Administration, approved projects, 2685
 aviation medical examiners, 9939
 biomedical institutions in USSR, notice, 2464
 CAP [community action programs] grants, 5861, 13258
 Congress of United States, 89th Cong., 2d sess., 1783
 DSA field establishment, 11845
 change, 13248
 education 1965-66—
 education associations, 16230
 higher education, 10420
 State governments, 11872
 Federal Aviation Agency field facility, 4361
 Federal career, college students, 8400
 Federal-State market news reports, services available, 12233
 foreign trade and markets, publications available, 14625
 Government resources available for foreign affairs research, 6633
 graduate deans, 1872-1965, at United States universities, 11869
 guidance, counseling, and testing personnel in State Department of Education, 7301
 Health, Education, and Welfare Department field directory, 13420
 highway safety research organizations and resources in U.S., 9638
 industrial relations, BLS studies, 2304
 Information Analysis Centers, Defense Dept., 6535
 information resources in U.S., water, 16544
 information services, selected specialized, scientific and technical information analysis center managers, directors, and professional analysts, Ad-Hoc forum, 12677
 international mail, 13926
 changes, 2859
 Job Corps centers, 10403
 labor offices in United States and Canada, 7651
 labor organizations—
 Africa, 16384
 Europe, 4581
 labor unions in U.S., 12217
 Latin Americanists, specialists in social sciences and humanities, bibliographies, 10892
 medical care, Federal grants, personnel, facilities, etc., 4539
 NASA, services for public, 17885
 National Institutes of Health, scientific personnel, 12481
 national mailing-list houses, 18093
 Naval Weapons Bureau, 2715
 Navy prime contractors, selling to, 1387
 Negro colleges and universities, 6250
 outdoor recreation, private organizations, 11163
 post offices, 1966—
 national ZIP code directory, 6564
 with ZIP code numbers, 17988
 production equipment D series, 8797

INDEX 1966

Directories—Continued

- Public Health Service public advisory groups, 11197
- qualified fallout shelter analysts, 14289
- recreation areas, Federal, requiring entrance and user charges, 11164
- registered patent attorneys & agents, 17982
- Securities and Exchange Commission, companies filing annual reports, 15321
- senior centers, national directory, 8123
- standardization, Federal supply classification, class and area assignments, 5856, 7270, 16214
- standardization SD series, 5856, 7270, 16214
- State and territorial health authorities, 16793
- State departments of agriculture, 590
- State merit systems, 7494
- State officials enforcing food, drug, etc., laws, 5967
- State surplus property directors, 12036
- Surplus Property Utilization Division, regional representatives, 12036
- telephone—
 - defense mobilization organization, 452
 - House of Representatives, 4044
 - Senate, 536, 10274
 - State Department, International Development Agency, Arms Control and Disarmament Agency, 1493, 11260, 15344
- urban planning assistance program, projects, 6685, 14761
- urban renewal, 3652
- youth opportunity centers, 16245

Directors :

- cooperatives—
 - democratic election, 5909
 - recognizing ideal qualities, 7348
 - training programs, 5910
- head start child development centers, medical guide, 4271
- scientific and technical information analysis center, Ad-Hoc forum—
 - directory, 12677
 - proceedings, 12676
- State surplus property, directory, 12036

Dirksen, Everett M. :

- record of press conference statements for Joint Senate-House Republican Leadership, 17407
- Republican report, 89th Congress—
 - 1st session, supplement, 539
 - 2d session, 17405

Disability insurance :

- if you become disabled, social security benefits, 6605
- rights and responsibilities of recipients of social security disability insurance, 1473
- social security rulings, 3519, 6613
- VA procedures for terminating total disability benefits under national service life insurance policies, GAO report, 7477
- veterans, eligibility for total insurance, GAO review, 12002
- see also* Old age, survivors, and disability insurance.

Disabled :

- age patterns, United States, 12488
- control of disability, general information, 12460
- disability days, U.S., July 1963–June 1964, statistics, 1438
- disability separation, facts for your future, 14205
- State aid under social security act, 8869
- see also* Civil service pensions—Disability insurance—Pensions—Rehabilitation of the disabled—Veterans.

Disabled American Veterans :

- audit of accounts by GAO, report, 15900
- legislative recommendations, 1966, hearings, 8685
- report, 1965 convention, 4050
- Disadvantaged children, *see* Children.
- Disadvantaged Children, National Advisory Council on Education of, *see* National Advisory Council on Education of Disadvantaged Children.
- Disadvantaged children series, 4298, 16225, 16229
- Disadvantaged youth, *see* Youth.
- Disarmament :
 - arms control and disarmament—
 - bibliography (periodical), 2689
 - studies in progress or recently completed, 1492, 15336
 - documents, 109
 - 18-nation conference, report, 11804
 - international negotiations on cessation of nuclear weapon tests, Sept. 1962–Sept. 1965, review, 11389
 - treaty on general and complete disarmament in peaceful world, basic provisions, outline, 1633
- Disaster insurance, Federal financial assistance to flood victims, reports, 15987, 16177
- Disasters :
 - aircraft emergency procedures over water, 2666
 - algorithms of operator's actions in emergency situations, USSR study, 6130
 - ASCS assistance available, 6734, 9802
 - civil defense, emergency operating centers, program materials for successful meetings, 8383
 - combined trauma, research, clinical management and planning, review, 12483
 - disaster control and civil defense in Federal buildings, guide for facility self-protection, 5094
 - economic, authorize loans under consolidated FHA act, hearing, 4210
 - economic injury loans, management and technical aid for displaced small businesses, 11218
 - elementary and secondary schools in area, financial assistance, law, 415
 - emergency health preparedness publications catalog, 11186
 - emergency mass feeding—
 - basic course, instructor's guide, 15624
 - handbook, 17028
 - emergency operating centers, 3965
 - emergency revegetation to rehabilitate burned watersheds in southern California, 10605
 - emergency welfare services manual, 17024
 - Federal assistance operations, guide, 4322
 - flooded areas, etc., permit farmers to comply with acreage reduction agreements, report, 1829
 - handbook for emergencies, 9987
- Hurricane Betsy—
 - Federal action in disaster, 7327
 - investigation of destruction—
 - hearings, 528
 - subcommittee report, 10265
 - if disaster strikes, and there is no doctor, medical self-help training, 5109
 - major, additional assistance to areas suffering—
 - hearings, 1865, 14437
 - report, 15934
 - major, income tax treatment of casualty losses, reports, 1837, 17562
 - national emergency standby regulations and instructions, FPM supplement, 17041
 - natural, planting of alternate crops on unplanted acreage—
 - law, 11560
 - reports, 10167, 11618
 - natural, what Department of Agriculture can do, 8154

Disasters—Continued

- Northeast power failure, Nov. 9-10, 1965, hearings, 15977
- nuclear, hospital planning, 1422
- packaged disaster hospital—establishing, 13970
- pharmacy section, 18007
- readiness plan, check list, 13971
- preparedness, orientation manual for pharmacists, 5107
- Southeast hurricane disaster relief act of 1965—
 - hearing, 527
 - law, 439
 - report, 554
- year of double trouble, 7361
- see also* Relief work.

Disbursements, House of Representatives, detailed statement, 7150, 14426

Disbursing clerks:

- 1 & C, Navy training course, 12414
- 3 & 2, Navy training course, 1344

Disbursing officers, Government, regulation relating to cash held at personal risk, including imprest funds, department circular, 11299

Discharge:

- adverse action, law and regulations, FPM manual supplement, 2946
- hospital discharges, computer simulation, 5120

Discharges (electric), *see* Electric discharges.

Discipline, correction series, 14084

Disclaimers:

- effect on allowance of marital deduction for estate tax purposes—
 - law, 17118
 - reports, 10140, 16129

Discrimination, *see* Race problems.

Discrimination in employment:

- age—
 - discrimination prohibited under State laws, table, 9199
 - State laws against, summary, 10847
- economic progress in black and white (remarks), 3998
- equal employment opportunity—
 - great need (speech), 8442
 - is good business, 4347
 - legislation (remarks), 12571
 - plans for progress program, 12198
 - report of White House conference, 1543
 - under civil rights act of 1964, facts about title 7, 17639
 - under Federal law, 6959
- Government contractors, prohibit, opinion of Attorney General, 7638
- know your employment rights under law, 10841
- Michigan, employment problems of non-white youth, 12748
- sex discrimination, laws on, 15430

Discrimination reaction:

- quantal interpretation of sensory channel, uncertainty and reaction time and psychological time quantum and discrimination of succession, 9427
- successiveness discrimination, further experiments, 9426

Discriminators, digitally controlled pulse-level, operation over wide voltage range, 7785.

see also Frequency discriminators.

Discriminatory shipping practices of foreign nations, 14479

Diseases:

- associated with smoking, mortality from, U.S., 16811
- automatic diagnosing, Czechoslovak achievements in medical cybernetics, 4681

Diseases—Continued

chronic—

- epidemiological study, 7931
- health care, comparison of British, Canadian, Australian, and American methodology, 11684
- obstructive lung, management, conclusions of 8th Aspen Emphysema Conference, 11192
- research grants program, Chronic Diseases Division, PHS, 2539
- respiratory disease, growing menace, 12461
- concerning problems of causation in medicine, USSR study, 4609
- defining concept disease, USSR study, 7572
- detection in persons over 45, 16806
- international classification, 8th revision, report of U.S. delegation to international conference, 18079
- molecular, evolution and human health, USSR study, 2200
- principal, nervous system, survey of scientific research, 1964, USSR, 2265
- see also* Contagion and contagious diseases—Diseases of animals—Diseases of plants—*also* names or classes of diseases.

Diseases of animals:

- animal morbidity report—
 - calendar year, 14099
 - fiscal year, 7
 - monthly, 2678
- host-agent relationships, factors involved, symposium, 9780
- infectious, USSR study, 13514
- scientific careers in Agricultural Research Service, 53
- twenty years struggle against contagious animal disease as reflected in Hungarian professional literature, 13497
- veterinary diseases and operations, standard nomenclature, 11114
- see also* names of diseases, or animals affected.

Diseases of fish, fish disease leaflet FDL—(series), 8940, 11968-971, 14652

see also names of diseases or fish affected.

Diseases of plants:

- intercepted plant pests, list, 6716
- plant disease reporter, 3325
- virus diseases, index, 11346
- see also* names of diseases or plants affected.

Diseases of poultry, activities report, 3734

Disinfestation, fruit and vegetables by gamma irradiation, 8296

Disk calculator indicates legible lettering size for slide projection, 1215

Disks, annular, internally heated, plane thermoelastic deformation, 4983

Dispensers, use for leak-testing and sterilizing rubber gloves, 9473

Dispersion:

- hardening, basic studies, 4817
- strengthened alloys after failure in stress rupture, metallographic study, 13831

Displaced persons, emergency welfare registration and inquiry, manual, 17024

Displacement:

- displacements in elastic half-space due to moving concentrated normal load, 12370
- gas, from water-drive reservoir, efficiency, 7708
- surface chemical, of organic liquids from solid surfaces, 12433

Display of merchandise:

- farm produce stands, building plans, 11360
- roadside stand, building plans, 15455
- store arrangement and display, bibliography, 2558, 11223

INDEX 1966

Display systems:
 acoustic displays of flight parameters, 13710
 computer based adaptive training applied to symbolic displays, 11154
 CRT, apparent movement phenomena, threshold determinations of pulsed light sources, 2363
 IFF active readout control and display system, 1370
 polar video gating of radar and IFF displays using cartesian control, 12441
 spacecraft, integrated display development, 10944
 two-axis compensatory systems with compatible integrated display and control, 16593
 visual display of semiconductor surface characteristics, 9491
 Wisconsin experiment on Orbiting Astronomical Observatory, 17929
 X-15 data, 10940
 Disposiciones de clemencia de la FHA, 7365
 Dissociation:
 bromine dissociation rates in presence of argon, neon, and krypton, shock-tube investigation, 13821
 vibration-dissociation coupling models, effects on nonequilibrium hypersonic flow of nitrogen over wedge, 13828
 Distances between ports, 6524
 Distillation:
 processes—
 separatory, classification bulletin, 6560
 thermolytic, classification bulletin, 6559
 saline water conversion plants, scale control, 9043
 solar, utilizing multiple-effect humidification, 14770
 thin-film, 37,000 gpd pilot plant, operation and maintenance, 9040
 vapor compression distillation using secondary heat transfer media for sea water conversion, 6063
 Distilling plants, *see* Stills.
 Distribution (economics):
 dual distribution, hearings, 5817
 marketing, cost analysis, bibliography, 16819
 problems affecting small business, hearings, 14495
see also names of commodities.
 Distribution system, *see* Military supplies.
 Distributors, *see* Markets and marketing.
 Distributors (apparatus):
 Craig countercurrent distribution apparatus, duty-free entry, 377
 distribution equipment, Federal item identification guides for supply cataloging supplements, 2936
 District Courts:
 civil procedure rules—
 amendments adopted by Supreme Court, 7061
 as amended, 13051-52
 Connecticut, term to be held at New London—
 law, 15737
 report, 17481
 jurisdictional limitation on civil actions by Indian tribes, amend U.S. Code—
 law, 17127
 reports, 17236, 17482
 North Carolina, eastern district term to be held at Clinton, law, 421
 Oklahoma, eastern and western districts, transfer of counties—
 law, 17095
 report, 13158
 rules of criminal procedure adopted by Supreme Court, 5615
 South Dakota, terms to be held at Rapid City—
 law, 17130
 report, 17244
See also Judges.

District of Columbia:
 aeroradioactivity survey and areal geology, 9917
 alcoholic beverage control act, amend—
 hearings, 15965
 report, 12906
 appropriations, 1966, supplemental, proposal, 5621
 appropriations, 1967—
 hearings, 13013-A, 16170
 reports, 15907, 17327, 17520
 area wage survey, 4723
 automobile liability policies, make uninsured motorist coverage required part, report, 16117
 Ball Agency, establish—
 hearings, 10339, 13025
 law, 15709
 reports, 12917, 14454
 Board of Higher Education, create—
 hearings, 17370
 report, 17488
 bridge over Washington Channel, designate Francis Case Memorial Bridge, report, 479
 budget, 1967—
 departmental edition, 3865
 document edition, 4060
 business corporation act, amend—
 law, 15761
 report, 12905
 census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
 certified public accountancy act of 1966—
 law, 15751
 reports, 8641, 17485
 certified public accountants, regulation, hearing, 5687
 code of laws—
 1961 edition, supplement, 4139
 titles 19 and 20, technical amendments—
 law, 15744
 reports, 8643, 16110
 colleges, public, establish—
 hearings, 10337, 17370
 report, 17488
 commissioners—
 authority to settle D.C. claims in escheat cases, remove limit, report, 15871
 report to Policy Advisory Committee, hearings, 7131
 transfer functions—
 law, 11589
 report, 10119
 common-law marriages, prohibit contracting in D.C., report, 15855
 condemnation of insanitary buildings, amend act, law, 427
 construction authorized, 2783
 county business patterns, 3911
 credit life, health, and accident insurance, for student loans, increase maximum amount allowable—
 law, 17108
 report, 15852
 crime and criminal procedure bill, report, 17330
 criminal laws, amend, law, 447
 dependent children of unemployed parents, provide aid, report, 544
 detailing employees from field positions into D.C., repeal law prohibiting, report, 17262
 electric rate book, 711
 fire and casualty act, amend—
 laws, 8475, 8479
 reports, 8733-34, 16117
 Fourteenth Street Highway Bridge, replace—
 hearings, 11646
 law, 17122
 reports, 12915, 16147

District of Columbia—Continued

General Sessions Court—
 establish Traffic Branch, increase no. of judges, hearing, 7129
 increase number of judges and retirement salary of judges, report, 10120
 increase number of judges, 15765
 transfer functions from U.S. District Court—
 law, 11589
 report, 10119
 Georgetown public market, restore, hearing, 5688
 Government employees licensed to drive taxicabs, investigations and actions, GAO report, 2087
 Government, matters relating to, message from the President, 17155
 Government, organization, etc., investigation, expenses, report, 5645
 belihport, establish hearings, 15988
 Higher Education Board, establish, authorization, hearings, 10337
 highway program, hearings, 7131
 home rule—
 bills, comparison, 1852
 hearings, print additional copies, reports, 560, 7192, 10210
 legislation, staff synopses, 1853
 inauguration of the President, provide for travel expenses of sanitarians, etc., report, 15870
 income and franchise tax act, amend—
 laws, 15761, 17108
 reports, 12905, 17201
 income tax, withholding regulations for Federal agencies, rescissions, 15396
 injuries caused by firearms, etc., mandatory reporting, provide, report, 17287
 insurance companies capital stock requirements—
 law, 8475
 report, 8733
 insurance premium finance companies, licensing and regulation—
 law, 8479
 report, 8734
 international center, acquisition of property, etc., authorize, hearings, 11807
 John J. Pershing memorial, erect—
 hearing, 11813
 reports, 10316, 17213
 judges, retired, increase retirement salaries—
 law, 15757
 report, 16114
 legislation, summary report, 4127
 library and reference facilities in area, 17823
 life insurance companies, amend act relative to financial standing—
 law, 15738
 reports, 8640, 16115
 life tables, 18016
 memorial to Father Edward J. Flanagan, authorize—
 law, 1787
 reports, 492, 1925
 minimum wage law, amend, report, 480
 motor vehicle safety responsibility act, amend, reports, 16117-118
 National Visitor Center, establish—
 hearings, 8789, 13056
 message from the President, 5614
 report, 10287
 study commission, create, reports, 15837, 17548
 National Zoological Park, reorganization, message from the President, 11615
 nonprofit corporation act, amend corporate charter of Georgetown University to conform to, report, 17414
 nurses, practical, licensing, etc., amend act—
 law, 15708
 reports, 15851, 16088

District of Columbia—Continued

Old Georgetown Market, preservation and use—
 law, 15767
 reports, 8642, 16116
 optometry, practice, regulate, hearings, 7130, 11647
 parking facilities, establishment—
 hearings, 5803
 report, 10305
 Pennsylvania Avenue, administration as historic site—
 hearings, 11662, 11812
 reports, 11623, 11739
 physical abuse of children, mandatory reporting by physicians, reports, 17200, 17288
 physicians, liability in good Samaritan cases, relieve, law, 441
 picketing within 500 ft. of any church, prohibit, report, 12984
 police and firemen's salary act of 1958, amend—
 hearings, 10237, 10338
 reports, 15853, 16139
 Police Department—
 band, include members of Fire Department, etc., report, 15872
 reorganization, Congress to review report of D.C. Crime Comm. first, report, 12986
 report of President's Commission on Crime in D.C., 15262
 post offices, accelerated business collection and postal delivery program, GAO review, 10625
 postal map, 13933
 premarital examinations, require—
 law, 17148
 report, 17286
 principal electric facilities, map, 7374
 prisoners, work release program, authorize, report, 17294
 public assistance act, amend, report, 544
 Public Health Department, hospital and surgical-medical insurance benefits available under Blue Cross-Blue Shield plans, GAO report, 4498
 Public Service Commission, report, 4262
 recorder of deeds, transfer functions—
 law, 11589
 report, 10119
 registration of trade names, etc., require, report, 8732
 revenues, providing additional—
 hearings, 1936, 7131, 8771, 13026
 law, 15777
 report, 10283
 Sanitary Engineering Department, need for reappraisal of task system assignments for collection of refuse, GAO report, 2083
 school census, amend act, report, 13140
 schools and poverty—
 investigation, hearings, 4129
 task force study, 11650
 Shaw Junior High School, early land acquisition—
 law, 15746
 reports, 12916, 17486
 Shrine convention, 1967, promulgate regulations—
 law, 17091
 report, 15854
 site for Organization of American States headquarters and international center, acquisition, etc., authorize hearings, 17392
 southwest area lands, transfer of title, law, 419
 stadium construction, change orders and other matters, GAO review, 14733

INDEX 1966

- District of Columbia—Continued
 stock insurance companies, regulating—
 law, 8478
 reports, 497, 8735
 teachers—
 pay increase—
 hearings, 13027, 13205
 report, 12971
 pensions, increase—
 law, 11590
 report, 8743
 performing extra classroom duties, ad-
 ditional pay—
 hearing, 13205
 reports, 12971, 13149
 salary act of 1955, amend, reports,
 16139, 17312
 transit compact, approval—
 hearings, 15983
 message from the President, 15783
 reports, 15891, 16107
 transportation for region, participation in
 planning, authorize hearings, 1936
 transportation planning, hearings, 7131
 trust funds, legal investments, list, 5858,
 14525
 United Planning Organization, antipoverty
 programs, investigation, hearing, 14415
 vocational education and schools, hearings,
 11648
 vocational rehabilitation act, amend to
 provide fixed allotment percentage of
 allocated funds, report, 17271
 workmen's compensation act, 13285
 District of Columbia Armory Board, change
 orders and other matters, construction of
 stadium, GAO review, 14733
 District of Columbia, Committee, House :
 calendar, 3114
 committee prints, 1852-53, 4127
 hearings, 5687-88, 7129-31, 10237, 11646-
 648, 13025-27, 15965, 17370
 investigations and studies, organization,
 etc., of Government of D.C. expenses,
 report, 5645
 reports, 479-80, 497, 8640-43, 10119-120,
 12905-906, 12915-917, 12971, 12984,
 12986, 15789-790, 15851-855, 15870-
 872, 17200-201, 17294
 District of Columbia Committee, Senate :
 calendar, 3134
 hearings, 1936, 5803, 8771, 10337-339,
 13205
 reports, 544, 8732-35, 8743, 10283, 10305,
 13140, 13149, 14454, 16045-46, 16088,
 16110, 16114-118, 16139, 16147, 17414,
 17485-486, 17488
 District of Columbia Redevelopment Land
 Agency :
 act, amend, land acquisition for Shaw Jr.
 High School—
 law, 15746
 reports, 12916, 17486
 southwest area lands, transfer of title,
 law, 419
 District Office Operations Bureau, SSA,
 regional offices, map, 11231
 Dittmore, William H., jr., soil survey of
 Gaines County, Tex., 9712
 Diuron, effect on seed yields of perennial
 grasses, 14163
 Divers :
 estimation of size and distance under-
 water, 13664
 Navy diving manual, change, 1455
 Diversification (industrial) :
 defense industry, analysis with 12 case
 studies, 6825
 wasteful diversity in motor engine build-
 ing, USSR study, 965
 Diversity-lock phase demodulator, 7861
 Dividends, *see* Corporations—Life insur-
 ance—Stocks.
 Dividers, *see* Frequency dividers—Voltage
 dividers.
- Diving :
 mammals, cardiovascular responses to
 apnea, 8214
 Navy manual, change, 1455
 Division of Hospitals, PHS, facilities, man-
 agement data statistical summary, 1417
 Divorce :
 laws, 5235, 16907
 records, United States and outlying areas,
 where to write, 5123
 registration in United States, 12475
 statistics analysis, 1444
 vital statistics of U.S., 1445
 Dixon, James P., air conservation report re-
 flects national concern, 1411
 Dixon Entrance to Cape Spenser, coast pilot,
 supplement, 5535
 DLSC, *see* Defense Logistics Services Center.
 DNA, *see* Deoxyribonucleic acid.
 Dobson, John, instructions in use of pro-
 tection factor estimator, 12746
 Docking (spacecraft), *see* Spacecraft.
 Docks :
 data, Port of New York, N.Y. and N.J.,
 13293
 floating, Federal item identification guides
 for supply cataloging, supplements, 2940
 Doctors, *see* Physicians.
 Doctors' degrees, *see* Degrees (colleges, uni-
 versities, etc.).
 Documentation :
 cooperation, etc., among information sys-
 tems, literature review, 11091
 mechanized, statistical association meth-
 ods, symposium, 7913
 Documents, *see* Congressional documents—
 Government publications—Records—*also*
 subject of documents.
 Documents Office, *see* Public Documents Divi-
 sion.
 DOD, *see* Defense Department.
 DOD pamphlets, 107, 3807-8, 5338, 6823,
 8222-23, 9882, 12648, 14203-205, 15502
 Dodd, Thomas J., investigation, hearings,
 16198
 Doder, Dusko, relief, 13103
 Dodge, Franklin T., moment of inertia and
 damping of liquids in baffled cylindrical
 tanks, 6334
 Doering, H., examination of electron bom-
 bardment heating for effects on tensile
 properties of tungsten, 1371
 Doerr, Robert M., high temperature corro-
 sion studies, influence of yttrium on oxida-
 tion of nickel at 1200° C, 12255
 Doggett, Robert V., Jr., buffet response of
 Apollo boilerplate service module, 4895
 Dogs :
 anesthetized—
 cardiovascular effects of 1,1-dimethylhy-
 drazine, 96
 effects of hydrazine on blood glucose and
 muscle and liver glycogen, 9864
 certified products for, regulations govern-
 ing, 1954
 delayed reactions, characteristics and ori-
 gin, USSR, study, 16496
 poisoned with soman, electrocardiographic
 observations, Bulgarian study, 13504
 spinal cord, effects of profound hypo-
 thermia, histologic study, 80
 test, effects of flight of Kosmos-110, USSR
 study, 12138
 used for research, etc., regulate transpor-
 tation, sale, and handling—
 hearings, 7108, 13200
 law, 15726
 reports, 8604, 8611, 11775, 13008
 Doherty, Ellen M., education in Spain, 14549
 Doing business with NATO, how U.S. com-
 panies can participate, 1691
 Dollar drain, *see* Balance of payments.

Dollars :
 purchasing power of consumer dollar in United States cities, 4739
 standard silver, held by Treasury, sale to American Cancer Society and American Heart Association, hearings, 14414
 use of dollars rather than foreign currencies to pay U.S. expenses in Korea, IDA, Treasury Dept., State Dept., GAO report, 812
 Dolls, market for, in France, 347
 Dolomite, Simonson, Devonian age in Pequo Mountains and Wood Hills, Nev., 16355
 Dolores project, construct and operate, Interior Dept. report, 12851
 Dolph, R. E., important insect outbreaks in Oregon and Washington in 1965, 787
 Dolphins, Soviet communications research, 14957
 Domestic and foreign coins manufactured by mints of United States, 1792-1965, 17870
 Domestic commerce, *see* Commerce.
 Domestic Gold Production, Select Committee on, Senate, create, hearing, 14486
 Domestic relations court :
 family courts, standards, 9976
 legal bibliography for family courts, 9974
 Domiciliary Care Conference, *see* Multi-disciplinary Conference on Domiciliary Care.
 Dominican Republic :
 crisis, hearing, 1948
 Soviet clergyman attacks U.S. action in, 14904
 special study mission, report, 12963
 Dominick, Allen E., conveying mineral interests to, 17415
 Domitz, Stanley electromagnetic accelerators for space propulsion, 7533
 Donald, James R., talk, Nov. 17, 1965 4289
 Donaldson, Erle C., two- and three-phase relative permeability studies, 15027
 Donaldson, James G. :
 vapor deposition of—
 cobalt-tungsten alloys, 2355
 molybdenum-tungsten alloys, 17862
 Donnelly, Charles H. :
 national security management review, 14786
 United States defense policies, 14380
 Donovan, Anne C., hospital dietary services, 13972
 Don't help hitchhiking bugs, 9832
 Don't walk away from security ! 13253
 Doors :
 concealed hinge permits flush mounting, 13771
 fire and smoke barriers, 7909
 lightweight, seals cryogenic container against diaphragm type loading, 4891
 Dope (coating material) :
 aluminum doping improves silicon solar cells, 10992
 Doppelt, Fredric F., program for spatial disorientation demonstrator, 1624
 Doppler effects, atlas of solar flare effects in ionosphere observed with high-frequency technique, 5018
 Doppler radar :
 probing air motion by Doppler analysis of radar clear air returns, 1317
 turbulence in precipitation, measurements, 16412
 Dorman, Elsie S., employment service review, journal of Federal-State employment service programs and operations, 2884
 Dorsch, Robert G., distributed parameter analysis of pressure and flow disturbances in rocket propellant feed systems, 13833
 Dorsett, George F., proceedings against, report, 4097
 Dose to various body organs from inhalation or ingestion of soluble radionuclides, 15532
 Dosh, R. N. Bert, Lock, *see* R. N. Bert Dosh Lock.

Dosimetry :
 accelerator radiation, and experience, AEC symposium, proceedings, 12674
 gamma irradiation dosages for disinfection of fruit and vegetables, annual report, 8296
 neutron and gamma dosimetry, 142
 Doss, Mildred A., index-catalogue of medical and veterinary zoology, trematoda and trematode diseases, 9794
 Dot patterns provide reproducible flaw areas for study of adhesive bonds, 15098
 Doty, Robert D., snow loads on roofs in areas of heavy snowfall, 16323
 Doty, M. M., industrial diamond and small diamond dies, U.S. consumption and trade, 9943
 Double-focusing magnetic mass spectrometer for satellite use, 6422
 Doud, Bobbie :
 education associations, directory, 16230
 publications of Office of Education, 14562
 Douglas Aircraft Company, Inc., President's E award for excellence in exporting (remarks), 8434
 Douglas Jr, *see* Fir.
 Doumani, George A., Antarctic bibliography, 1099
 Doves, *see* Mourning doves.
 Dow, Donaldson A., buckling and postbuckling tests of ring-stiffened circular cylinders loaded by uniform external pressure, 1274
 Dow, Norris F., mechanics of filamentary composites, 13708
 Dow Chemical Company, conceptual design of 50 MGD desalination plant, 6058
 Dowd, Patrick J. :
 effects of congenital feline cerebellar hypoplasia on developmental behavior and vestibular system, 12628
 effects of flying experience on vestibular system, comparison between pilots and nonpilots to coriolis stimulation, 9877
 speed of recovery from coriolis stimulation in motion sickness in relation to pilots and nonpilots, 14194
 Downs, Eldon W., Air University review, 2665
 Downs, R. J., light and plants, series of experiments demonstrating light effects on seed germination, plant growth, and plant development, 8150
 Downwash (aircraft) :
 VTOL, exhaust jet wake and thrust characteristics of nozzles designed for suppression, 4828
 Draft (military), *see* Conscription.
 Drafting :
 automated system uses computer techniques, 13797
 technology and manpower, 1965-75, report, 17800
 Draftsmen :
 employment outlook, 9284
 patent, rules of practice relating to drawings, guide, 12446
 pay, survey, 2303
 Drag (aerodynamics) :
 additive drag coefficient for inlets utilizing right circular cones, charts, 11061
 attainment of high lift-drag ratios at hypersonic speeds, errata, 1245
 coefficient of small spherical particles, shock tube determination, 7739
 decelerator in wake of X-15 airplane model, 6450
 drag due to lift at subsonic speeds, factors affecting, 16664
 lateral-range and lift-drag-ratio requirements for return to both optimum and nonoptimum recovery sites, definition, 11079
 low-drag bodies of revolution, characteristics, 4920

- Drag (aerodynamics)—Continued
 maximum lift-drag ratios of slender wing-body configurations at hypersonic speeds, geometric modifications, effect, 7829
 pointed and blunted 30° half-angle cone at Mach numbers from 11.5 to 34 in air, 4939
 pressure drag due to 2-dimensional fabrication-type surface roughness, 15151
 roughness drag at supersonic speeds, 16669
 subsonic, of elliptical forebody, effects of bluntness, 9519
 wave drag at lifting conditions, analysis, 16666
 X-15 airplane characteristics, summary, 7862
- Drag (hydrodynamics):
 reduction, naval hydrodynamics symposium, 16753
- Drain pipe, *see* Pipe and pipe fittings.
- Drainage:
 airfields and heliports surface facilities, Army technical manual, 1654
 airports, 3804
 areas other than airfields, Army technical manual, S262
 establishing turf, emergency construction, Army technical manual, 3834
 sedimentation in small drainage basins (series), 14754, 16363
 slash pine response, 16331
 subsurface facilities, emergency construction, TM manual, 16963
see also Mine drainage.
- Drains, scupper drain attachments to vessels in drydock, maritime safety data, 7656
- Drama, catalog of copyright entries, 596, 11838
- Drawing machines, industrial plant equipment handbook, S803
- Drawings:
 manufacturers part and drawing numbering systems, Defense Dept., 5843, 10383, 14514
 Navy design manual, changes, 6707
 patent, rules of practice, guide for patent draftsmen, 12446
- Dreams:
 current research, 1307
 during normal sleep and during hypnosis, USSR study, 14849
- Dreher, Robert C., ground-run tests with bogie landing gear in water and slush, 13827
- Drennan, Henry, little miracle on Chapel Street, 17623
- Drews, William A., thermistor arrangement to improve temperature measurements at high altitudes, 13716
- Dried foods, *see* names or classes of foods dried.
- Driers, *see* headings beginning Dryers.
- Drill and minor tactics, basic drills, Naval reserve training guide, 13904
- Drilling, *see* Diamond drilling—Rock drilling—Well drilling.
- Drills (tools):
 continuous borer, use in mining pitching anthracite beds, 9350
 drill bit design assures clean holes in laminated materials, 4879
 hand drill adapter limits holes to desired depth, 7779
 inelastic deformation of rock under hemispherical drill bit, 16582
 modified drill permits one-step drilling operation, 9476
- Drive shafts, hypercritical, dynamics on flexible supports, 136
- Drivers, *see* Automobile drivers—Motor vehicle operators—Race car drivers.
- Drooz, A. T., obtaining individual eggs from egg-mass-depositing insect, 14709
- Drop outs, *see* High schools—School attendance.
- Drop structure, Cayuga Inlet, Cayuga Lake, N.Y., 5888
- Drop-weight testing of explosive liquids, 12254
- Droptwise condensation characteristics of permanent hydrophobic systems, 9041
- Drought, simulated, pine seedling survival, 16333
- Drowning, *see* Near-drowning.
- Drug addiction, *see* Narcotic habit.
- Drug stores, *see* Stores.
- Drugs:
 abuse control amendments of 1965—FDA conference, proceedings, 10550
 report, 1911
 abuse problem, 10548
 animal drug amendments of 1965—
 hearing, 11667
 report, 15944
 census of manufacturers, 1963, industry report, 6901
 code of Federal regulations, 7393, 8908
 commodity transportation survey, shipper series, 213
 companies, physician ownership, report of subcommittee, 10355
 coverage of expenses under medical insurance benefits, report, 17521
 drug habit, big problem! 10547
 effect of pharmacological agents on motor function of small laboratory animals, electronic integrator for quantitative evaluation, USSR study, 953
 effects on rats under ambient and low temperatures measured by avoidance response, 5315
 first facts about drugs, 10546
 food, drug, and cosmetic act—
 amend—
 hearings, 15979
 reports, 15944, 17269
 amendments of 1965—
 hearing, 11667
 report, 1911
 enforcement and compliance, FDA report, monthly, 2915
 enforcement regulations, 16318
 notices of judgment, 3281
 text, 11984
 food, drug, and cosmetic laws, State officials enforcing, directory, 5967
 furnish to certain service-connected veterans, report, 10131
 furnish to veterans receiving pensions for regular aid-and-attendance, reports, 17204, 17220
 import detentions, report, 3465
 interagency coordination, report, 8759
 pharmaceutical industry, 1959-65 and 1968, R & D manpower trends, 11112
 pharmaceutical preparations, except biologicals, shipments, current industrial reports, 1734
 pharmaceuticals, development in Ukraine, 6244
 planning in chemico-pharmaceutical industry, USSR, 4613
 prescribed for welfare recipients in Pennsylvania, Federal financial participation in costs, Welfare Administration, HEW, GAO report, 4505
 psychopharmacology handbook, animal research, 18069
 publications, price list, 11179
 purchase, problems and policies, study, 11321
 legend, FDA manual for pharmacists, 7447
 radioactive pharmaceuticals, symposium proceedings, 12675
 safe use of drugs, 5968
 safety, hearings, 14423, 15971

- Drugs—Continued
systemic effects of alcohol alone and in combination with other drugs, influence of variations in environmental temperature, 3781
therapeutic, effects of cold exposure upon action, 9860
USSR, Hungarian scientist visits and describes Soviet research institutions, 9102
see also Narcotics—Tranquilizing drugs—
Veterinary medicine—*also* names of drugs.
- Drums (containers):
steel shipping, current industrial reports, 2817, 11466
- Drury, Ill.:
bridge across Mississippi River—
law, 12826
report, 13126
- Dry batteries, *see* Electric batteries.
- Dry cells, *see* Electric batteries.
- Dry cleaning:
coin-operated and nonautomatic, bibliography, 11221
industry, study of problems and prospects, 1693
military fixed drycleaning plant, Army technical manual, 14229
- Dryden, Hugh L., address, Mar. 11, 1965, 1288
- Drydocks:
facilities, Navy design manual, changes, 1569
scupper drain attachments to vessels in drydock, maritime safety data, 7656
- Dryers (industrial):
driers, dehydrators, and anhydrators industrial plant equipment handbook, 10389
seed cotton drying system, experimental and conventional, comparative effects on cotton fiber properties, 6755
Soviet conference on industrial drying processes, 16503
- Drying:
equipment, Federal item identification guides for supply cataloging supplements, 2935
nighttime drying in Santa Ana Mountains, 2068
solar, of tropical hardwoods, 16338
trays, malathion-treated to protect raisins from insects, 14111
see also names of substances dried.
- DSA, *see* Defense Supply Agency.
- DSA—DLSC manual, 16211
- Du, Li-jen, electrodynamics involving moving media, 12268
- Dual calsphere experiment, 1365
- Dual regulator controls 2 gases from single reference, 9474
- Dual-voltage power supply has increased efficiency, 4839
- Dubinin, Nikolav P., achievements in science of genetics, USSR study, 10821
- Dubois, Donald P., STORET II, 17671
- Ducassi, Enrique R., relief, 15689
- Ducey, John M., loan closing costs on single-family homes in 6 metropolitan areas, 838
- Duckett, Roy J., velocity measurements in Langley hypersonic arc tunnel, 7843
- Ducks:
aerial surveys of waterfowl in eastern Canada, 10539
migratory, Federal regulations, hearings, 17590
raising, 6744
wild, on farmland in South, 8146
see also Teal.
- Duckworth, W. Donald, neotropical microlepidoptera, 8, review of genus *Falculina*, 5044
- Ducted fans, four-foot diameter, performance at zero angle of attack for several fan blade angles, characteristics, 2416
- Ductility, steel, exhaustion under notch constraint following uniform prestraining, 14009
- Ducts (air):
bellows joint absorbs torsional deflections in duct system, 13767
elevated tradewind, airborne early warning UHF radar observations, 7974.
external linkage tie permits reduction in flange thickness, 13761
- Ducts (atmospheric):
ray tracing in rising and falling ducts, 1360
- Duesenberry, James S., nomination hearing, 5799
- Duffy, Leonard G., relief, 15807, 17423
- Dugan, John V., jr., semiclassical approach to capture collisions between ions and polar molecules, 6426
- Duggan, R. E., pesticide analytical manual, 11987
- Dugout Project, *see* Project Dugout (Plowshare program).
- Duke (Nakano), Noriko S., relief, 13096
- Dulcan, Edward S.:
remarks—
Nov. 18, 1965, 351
Feb. 3, 1966, 4020
- Dulles International Airport, high-speed ground transportation to, study, report 13153
- Duluth, Minn., principal electrical facilities, map, 7376
- Dumois, Juan A., relief, 17453
- Duncan, Don A., helicopter fertilizing of foothill range, 17694
- Duncan, Donald C., organic-rich shale of United States and world land areas, 2102
- Dunham, Ralph E., faculty and other professional staff in institutions of higher education, 7306
- Dunleavy, J. M., soybean diseases, 15440
- Dunmire, Daniel E., effect of initial moisture content on performance of hardwood pallets, 14714
- Dunn, M. G.:
continuous measurement of shock velocity using microwave technique, 10957
nonequilibrium ionization phenomenon in inviscid Apollo plasma sheath, 15077
- Dunn, S. Thomas, flux averaging devices for infrared, 2455
- Dunne, Phyllis, placing children of minority groups for adoption, 275
- Dunning, Robert S., determination of orbit of spacecraft with respect to object in known circular orbit, 15150
- Duplicating equipment, *see* Duplicating machines.
- Duplicating machines, copying equipment, Army technical bulletin, 5368, 15514
- Duplicators, *see* Duplicating machines.
- Durham, David L.:
geology of Hames Valley, Wunpost and Valleton quadrangles, Monterey County, Calif., 13398
Pancheo Rico formation, Salinas Valley, Calif., 820
- Durum wheat, *see* Wheat.
- Dust:
and throwout, safety evaluation, Isthmian Canal studies, 155
capability to support bearing loads, use of penetrometers to determine, 4946
inert, evaluation as protectant against insect attack on—
shelled corn in Georgia, 14109
stored shell corn in Illinois, 14108
stored wheat in Kansas, 14110
radioactive, retention by greenery, USSR study, 16403
see also Coal dust—Pneumoconiosis.
- Dutcher, L. C., occurrence, chemical quality and use of ground water in Tabuibah area, Tunisia, 16362

INDEX 1966

- Duthie, Richard E. C., nuclear powered submarines, 5422
- Duties, *see* Tariff—also names or classes of articles imported.
- Duty, honor, country (character guidance discussion), 5349
- Duvall, Wilbur I., comparison between end and axial methods of detonating explosive in granite, 2349
- du Von, Jay, campus landscape, 17620
- Duwamish Indians, *see* Dwamish Indians.
- Dvorak, Beatrice, J.:
changing emphasis in occupational test development, 663
program research on effectiveness of USES tests, 1989
- Dwamish Indians:
funds, disposition—
law, 17143
reports, 12981, 17506
- Dwarf mistletoe, *see* Mistletoe.
- Dyer County, Tenn., soil survey report, 11234
- Dyes and dyeing:
liquid, CHENIS container for lowering to any sea depths, USSR study, 14799
sea dye marker provides visibility for 20 hours, 13749
textiles, census of manufactures, 1963, industry report, 5440
- Dynamic stability, *see* Stability of aircraft.
- Dynamics:
capillaries and existence of plasma flow in pericapillary lymph space, 15146
effects arising from high-speed solidification, 1363
flight, USSR studies, 9151
human operator, time-varying model, characterization, Project Icarus, 13717
hypercritical shafts on flexible supports, behavior of floating ring dampers, 136
instability, of undamped bellows face seals in cryogenic liquid, 4944
model investigation of landings and slide-outs of recoverable booster, 15141
neutron dynamics and control, symposium proceedings, 12672
stability and control of parawing vehicle, 12347
strength ratio as limiting parameter in shock design, 6555
touchdown, Monte Carlo approach for soft lunar landing, 1279
see also Aerodynamics.
- Dynamometers, industrial plant equipment handbook, 16208
- Dyna-Soar contract, *see* Government contracts.
- Dyrness, C. T., effect of logging and slash burning on understory vegetation in H. J. Andrews Experimental Forest, 8961
- Dysentery, acidophilous milk used in treatment, USSR study, 17751
see also Amebiasis.
- Dysprosium, thermal flux perturbation by dysprosium-aluminum foils in water and uranyl fluoride-water solutions, 6428
- Dzhugalo, Kazimir S., antibolshevist Ukrainian, suspected murder victim, USSR study, 7611
- Dzyuba, I., Ukrainian writer, arrest, interpretation by Ukrainian emigre organization Prologue, 12110
- E**
- E.E.C., *see* European Economic Community.
- E.R.S., *see* Economic Research Service.
- E.S.D., *see* Electronic Systems Division.
- Eagan, Patrick E., relief of estate, 17426
- Eagle, Alaska, phytocology of greenstone habitat, 13396
- Eagle (periodical), 2864
- Eagles:
American (golden and bald), and their economic status, 14650
bald eagle, symbol of our Nation, 13350
- Eakins, William J., initiation of failure mechanisms in glass-resin composites, 15039
- Ear, function of cochlea, electrolyte content in biological fluids in hypoxia, USSR study, 16422
see also Vestibular apparatus.
- Earl, Lewis H., manpower policy and programs, western European countries, 16515
- Early, Larry J., development of small animal payload and integration with sounding rocket, 15081
- Earned degrees conferred, 1963-64, bachelor's and higher degrees, 7302
- Earnier, John P., how to obtain birth certificates, 4161
- Earnings, *see* Wages.
- Earth:
brightness as planet, measurements, USSR study, 16408
convention in mantle, effect of low viscosity layer, 11396
crust—
and subcrustal layer, waveguides, USSR study, 6154
and upper mantle in eastern regions, of USSR, coordinating conference, 14803
and upper mantle of continents, USSR study, 16446
geophysical studies, USSR, 954
inelastic properties, USSR, 10802
radio wave propagation, USSR study, 2234
structure, in transition zone from Siberian platform to Taymyr downwarp, experience in using industrial explosions, USSR study, 14804
structure, study of seismic waves to determine, USSR, 4664
drilling super-deep wells in upper mantle, USSR study, 13474
equatorial ellipticity—
from drift of Syncom II, 12336-337
influence of gravity in determination, from Syncom II drift data, 9513, 13802
fourth order gravity field, drift of inclined-orbit 24-hour satellite, 15136
gravity, effect on man's gaits, 12339
gravity potential and force field through 4th order, 15137
ground shock effects due to Rayleigh waves generated by sonic booms, 9424
horizon, optical observations from earth satellite, deriving earth-centered datum, 7880
longitude gravity field as sensed by drift of synchronous satellites, 16658
peaceful uses of earth-observation spacecraft, 16602-604
philosophical speculations concerning life on earth and in outer space, 6148
planet, day horizon, brightness profile, USSR study, 16471
secrets of earth's interior, USSR study, 14807
seismic waves propagating in earth's mantle, dependence of absorption coefficient on frequency, 16444
terrestrial impact structures, bibliography, 16356
- Earth blocks, building with stabilized-earth blocks, 3757
- Earth mantle, *see* Earth.
- Earth satellites, *see* Satellites.
- Earth sciences, *see* Science.
- Earthquakes:
aftershock mechanism and inelastic properties of earth's crust, USSR study, 10802
- Alaska, 1964—
civil defense emergency operations, preliminary report, 8385
effects on communities (series), 4525, 6036, 13410
Homer area, effects, 13410

- Earthquakes—Continued
 Alaska, 1964—Continued
 Kenai Lake, slide induced waves, etc., 13411
 Prince William Sound, aftershocks, 12763
 Prince William Sound epicentral region, gravity survey and regional geology, 13412
 regional effects (series), 13411-412
 Valdez, Alaska, effects, 6036
 Whittier, effects, 4525
 history, United States, 3992, 6982
 prediction, ESSA symposium, 14577
 United States, 317, 17051
 USSR, 13492
 western United States—
 1931-64, investigations, 3993
 1933-64, damage, review, 6984
 worst killer may come from sea, tsunami warning (poster), 5524
 Earth's field static calibrator for accelerometers, 5011
 Earth's mantle, *see* Earth.
 Earthwork and structures, site engineering, housing design notes, 6590
 Earwigs, *see* European earwigs.
 East (Far East):
 agricultural situation, 7291, 14546
 Defense Dept. civilian manpower policies, investigation, authorization, report, 17391
 Far Eastern series, 6629-30, 8056-59, 9721-22, 11252-253, 15340, 18117-118
 market profiles, 15647
 mineral industry, regional review, minerals yearbook chapter, 7705
 Peace Corps volunteers, 12451
 special study mission report, 7099
 East (Middle East):
 accessions list, Library of Congress American Libraries Book Procurement Center, Cairo, 3195, 4742
 economy and history, problems, 13543
 Great Britain attempts to save its political and economic positions in Near and Middle East, 6110
 social science research studies, list, 11249
 Soviet criticism of western oil interests, 12100
 translations, 3608
 United Nations use of peacekeeping forces, 5693
 East (Near East):
 economy and history, problems, 13543
 Great Britain attempts to save its political and economic positions in Near and Middle East, 6110
 market profiles, 11519
 mineral industry, regional review, minerals yearbook chapter, 12238
 western oil interests in Near East, USSR view, 14926
 East (U.S.):
 blister rust control, economic guides, 10599
 cost of transporting freight, 6085
 fresh fruit and vegetable unloads in eastern cities by commodities, States, etc., 5833
 oak wilt control programs, appraisal, 10590
 East African Common Services Organization, agricultural commodities, agreement, 15357
 East Asia, *see* Asia.
 East Bay, sea lampreys, control with toxaphene, 11977
 East Chicago, Ill., commodity transportation survey, production area series, 6919
 East Europe, *see* Europe.
 East Germany, *see* Germany.
 East North Central States, *see* Central States.
 East Pakistan, *see* Pakistan.
 East South Central States, *see* Central States.
 East Stroudsburg, Pa.:
 flood control, engineer report—
 departmental edition, 671
 document edition, 537
 East tinct district, Utah, underground temperatures and heat flow, 4521
 East-West trade, *see* Commerce.
 Eastern Aden Protectorate, *see* Aden.
 Eastern Aid Lines, Inc.:
 accident, 12736
 emergency board report, 13284
 Eastern Europe, *see* Europe.
 Eastern Greyhound Lines, accident, 9058
 Eastern Hemisphere, *see* Hemisphere, Eastern.
 Eastern States, *see* Atlantic States—East (U.S.).
 Eastern Test Range:
 supply management, consolidation under Air Force Dept.—
 hearings, 4123
 subcommittee report, 5685
 wind velocity profiles measured by smoke-trail method, 6453
 Eastern Utilization Research and Development Division:
 engineering research, 25th anniversary review, 9788
 publications and patents lists, 7377, 15437
 Eastern white pine, *see* Pine.
 Easton, Pa.:
 area wage survey, metropolitan area, 10869
 commodity transportation survey, production area series, 9952
 Eastport, Maine, to Mountauk Point, N.Y., coastal warning facilities, chart, 15418
 Eat to live better, 6765
 Eaton, Esther M., source materials for secondary school teachers of foreign languages, 7321
 Eave, Hilda M., relief, 1808
 Eaves, George N., mechanisms of tryptophan pyrrolase inhibition during endotoxin poisoning, 6797
 Eavesdropping, laws relating to, 17586
 Eberle, A. R., preparation of synthetic boron isotopic mixtures for mass spectrometric determination, 11426
 Echenique, Jorge G., relief, 8698, 15673
 Echinoids, *see* Sea urchins.
 Echo, radar, patterns and process, statistical properties, 12563
 Echo satellites, *see* Satellites.
 Eckerson, Louise O., scope of pupil personnel services, 16240
 Eckert reference formulation applied to high-speed laminar boundary layers, etc., 7740
 Eckstrom, Clinton V., disk-gap-band parachute used for low dynamic pressure applications, etc., 10968
 Eclipses, burns in humans and laboratory threshold measurements in rabbits, 12634
 Etologo-neorhological characteristics of early stages of *Aral pelecus cultratus* (L.), USSR, 13573
 Ecology:
 cesium 137 facility for ecological research, development, 8293
 ecological research and surveys, conduct program, hearing, 17583
 Gila trout, 14679
 herring gull, southern coast of Aral Sea, USSR study, 4632
 ignamid lizard *Tropidurus torquatus* at Belem, Para, aspects, 14015
 phytoecology of greenstone habitat, Eagle, Alaska, 13396
 plants, Death Valley, Calif., 7487
 radioecology, terrestrial and fresh water, bibliography, 11434
 see also Paleoecology.
 Economic assistance, *see* Foreign aid.

- Economic concentration, hearings, 1943
pts. 2 and 3, print additional copies, re-
port, 558
- Economic conditions:
 - advance of women and international co-
operation (remarks), 1554
 - Commerce Department, agency of business,
promotes economic growth, guidebook,
10047.
 - contribution of social welfare to economic
growth (address), 11318
 - current condition (remarks), 8105
 - debt management in prosperous economy
(remarks), 9745
 - economic development of small nations de-
sirable for all (remarks), 1523
 - economic factors in urban planning
studies, 8109
 - economic indicators, 2874
 - economic progress in black and white (re-
marks), 3998
 - economics of integration (address), 8413
 - education and work life in changing econ-
omy, 12222
 - expanding employment in pluralistic econ-
omy, 17803
 - expansion (remarks), 6678
 - expansion, its balance and durability (re-
marks), 1516
 - Federal expenditures to States and re-
gions, distribution and impact, study,
13213
 - Federal Reserve's role in economy (re-
marks), 728
 - growth—
 - and international liquidity (remarks),
12548
 - and patent system (address), 1389
 - continued growth accompanied by rising
expectations (address), 5543
 - improved statistics, comments by Govt.
agencies, 5595
 - long term, 1860-1965, statistical com-
pendium, 15595
 - national growth and problem of infla-
tion (remarks), 9751
 - problems and opportunities in future
(address), 5541
 - high employment economy, strategy of
monetary policy (remarks), 16286
 - identifying regional needs and approaches
in depressed areas (address), 323
 - impact of Federal procurement—
background material, 5592
hearings, 10093
 - impact of U.S. ocean ports, 14988
 - influence on children, research programs,
studies in progress, 12734
 - national economy, problems, prospects (re-
marks), 11301
 - national economy, publications, price list,
17993
 - outlook (address), 8422
 - outlook, 1966, and 1965 year-end review,
1771
 - parity of income and opportunity for
rural America (address), 14126
 - perspective and prospects of economy (re-
marks), 14321
 - President's proposals to suspend invest-
ment credit and accelerated deprecia-
tion (remarks), 16889
 - problem solving by joint Federal-local ef-
fort (address), 10012
 - proposals to hold cost-of-living line (re-
marks), 17799
 - public works and economic development
act of 1965 (address), 1767
 - report of the President to Congress—
excerpts, 7210
extending date for transmission, law,
5576
hearings, 7050
report, 8547
- Economic conditions—Continued
 - role of retailer and consumer in stimulat-
ing economic progress (address), 8421
 - Southern economic growth, Federal pro-
grams to encourage (address), 10020
 - technology and American economy, 7923,
13872
 - temporary suspension of investment tax
credit and accelerated depreciation
(statement), 16890
 - world wide defense expenditures and eco-
nomic data by country, 8227
 - see also Negroes—also names of countries,
States, etc.
- Economic cooperation series, 6628
- Economic development, see Economic pol-
icy—Foreign aid.
- Economic development (periodical), 2873
- Economic Development Administration:
 - administrator, nomination of Ross D.
Davis, hearing, 13230
 - aims and administration of programs (ad-
dress), 1767
 - aims for stimulating economic develop-
ment (address), 5541
 - building communities with jobs, 1964, 7272
 - business loans, how to apply, 1965, 4263
 - contributions to Nation's economic growth
and stability (address), 323
 - facts about EDA, 16217
 - grants and loans for public works and
development facilities, 1968, 4266
 - mission (address), 5859
 - planning grants for economic development,
1966, 4264
 - press releases, 3356
 - programs to solve unemployment (ad-
dress), 15639
 - research park, is it for your community,
digest, 7273
 - technical assistance, what it is, how to
apply, 1967, 4265
- Economic geography, see Geography.
- Economic Impact of Defense and Disarma-
ment Committee, report, 1965, 1398
- Economic indicators, 2874
- Economic Joint Committee:
 - act establishing and rules, 5594
 - committee prints, 454, 4039-41, 5592-95,
7051, 10095, 11596, 12840, 12843-846,
14370-372, 14374, 14377, 15779, 17151,
17153
 - hearings, 455, 1792, 5596, 7050, 8485,
10093-94, 12841-42, 14369, 14375-
376, 17152
 - supplement, 14376
 - publications and policies governing their
distribution, 4039, 5593, 8484, 14374
 - report, 8547
- Economic Opportunity Office:
 - administration of economic opportunity
act, hearings, 8666
 - advisory councils, monthly newsletter,
13257
 - appropriation, 1967, supplemental, hear-
ings, 15960
 - assistant director, nomination of Franklyn
A. Johnson, hearing, 5820
 - community action program, 2776, 10405
 - deputy director, nomination of Bertrand
M. Harding, hearing, 14500
 - JCH series, 10403, 13259
 - Nation aroused, 1st annual report, 8825
 - news summary of war on poverty (periodi-
cal), 8826
 - poverty program information, 8828
 - press releases, 3357
 - summer volunteer service, general infor-
mation, 10406
 - Upward Bound project, 10407
 - VISTA volunteer (periodical), 16222
- Economic order quantity, principle and ap-
plications, 14740
- Economic orders, Civil Aeronautics Board,
3300
- Economic planning, see Business.

Economic policy:

American industrial development and current economic expansion (address), 331
 balanced growth without inflation (remarks), 6679
 Coast and Geodetic Survey's products and services as related to U.S. continental shelf regions, 10002
 community development district act of 1966, rural public services, etc.—
 hearings, 8761, 14403
 reports, 8740, 12918
 contribution of cybernetics to economic development, USSR studies, 10775
 coordination, and Federal Reserve action, hearings, 5596
 print additional copies, reports, 7194, 10188, 10211
 doing better job in development (address), 866
 domestic and foreign (address), 11510
 economic development of rural areas, role of local government, 13262
 economic development programs, guide, 4002
 economic opportunity act—
 amendments of 1966—
 hearings, 8666, 13059, 14498
 reports, 10185, 12945, 12950, 16162, 17333
 print additional copies, report, 13007
 how migrant worker and his family have fared, 7280
 July 1-Oct. 31, 1965 projects, 7281
 of 1964, text as amended, 5862
 economic policies and practices, foreign banking in U.S., 12840
 economic policy and programs (remarks), 5195
 economic responsibility in United States (remarks), 1522
 economic stability through cooperation and government planning (remarks), 8106
 EDA planning grants for economic development, 1966, 4264
 expansion and interdependence, basic conditions for progress in achieving Atlantic Community growth (remarks), 2615
 expansion of national economy (remarks), 1518
 Federal expenditure control policy (remarks), 9749
 Federal-local cooperation in development (address), 1766
 Federal programs for individual and community improvement, catalog, 5860
 Federal programs to encourage southern economic growth (address), 10020
 forecasting of manpower requirements associated with economic development, 2294
 future of current economic expansion and policies necessary to sustain it (remarks), 1515
 Government and business cooperation to stabilize economy (remarks), 2617
 international economic cooperation, appeal for renewal, 20 years after, 14377
 international, new U.S. approach, hearing, 17152
 maintaining and expanding American economy (remarks), 356
 maintenance of stability in economy (address), 14320
 marketing and regional development (paper), 14322
 meeting challenges of Free World leadership (remarks), 6677
 mobilization of Federal Government resources to relieve inflationary pressures (remarks), 16889
 national objectives (remarks), 16883

Economic policy—Continued

national policies and climate for economic development (address), 322
 New England, development, bibliography, 14007
 1966, year of decision and of opportunity for international economic cooperation (remarks), 11300
 President's anti-inflation program (statement), 16890
 President's program for national economic responsibility (remarks), 15399
 rebuilding economic foundations of long-term unemployment and low family income communities, Federal-State coordination (remarks), 14228
 regional development—
 dedication of laboratory, Drexel Institute of Technology (address), 8415
 New England region (remarks) 5558, 5562
 Ozarks region (remarks), 5559
 Upper Great Lakes region (remarks), 5560
 relocating workers used by governments of foreign countries, programs, 4040
 rural public services, etc., message from the President, 5604
 Socialist countries, levels of economic development, USSR study, 14811
 Socialist economy, laws for control, USSR study, 1019
 sustained expansion (remarks), 6678
 Turkey 1960-63, Soviet survey of domestic policy, 7607
 two world systems and their development tendencies, USSR study, 2248
 U.S. policy and foreign investment (remarks), 11531
 USSR—
 controversy over recent developments in economic theory, 10777
 conversion to new economic system, procedures and conditions, 10824
 economic incentive for technical progress, conference, 9101
 economic planning, 6198
 expansion of scientific research for economic development, 14897
 international economic relations, translations, 3670
 new directions, 12843, 12846
 new system of planning and economic incentives, 4663
 party intervention in economic affairs, 12153
 planning under new administrative conditions, 9121
 significance of new economic reforms, 6171
 system, translations, 3526
 West Virginia, economic development problems (address), 320
 where our Nation stands at home and abroad, Republican report, 89th Congress, 2d session, 17405
 see also Inflation (finance).
 Economic regulations, Civil Aeronautics Board, 2875, 6945, 14284
 Economic research (Chinese periodical): translations, 3587
 Economic Research Service:
 agricultural economic reports, 5863-64, 10408-411, 11861-863, 13261-263, 16224, 17615-616
 appropriations, 1967, hearings, 8648, 11787
 ERS-foreign series, 626-628, 4285, 5867, 7289-91, 8830-35, 10415, 13265, 14544-546, 17617
 ERS series, 622-625, 1971, 4279-84, 5866, 7286-88, 8829, 10413-414, 11864-865, 13264, 14534-543
 foreign agricultural economic reports, 630, 4286, 7293-94
 periodic reports, list, 3765

- Economic Research Service—Continued
reports, checklist, 2745
research data on minority groups, re-
ports, bibliography, 16934
- Economic stabilization, *see* Stabilization.
- Economics:
alcoholism, economic aspects, 15428
American, new War of Independence (re-
marks), 12549
application of game theory and cybernetics
in economics, USSR study, 6212
application of mathematical methods in
economics and effectiveness of capital
investments, USSR studies, 4645
application of mathematical methods,
USSR studies, 6111
careers, examination announcement, sup-
plement, 296
changes in structure of capitalist owner-
ship, USSR study, 6168
classification of information, USSR study,
952
contributions to economic geology
(series), 10633
dairy marketing, bibliography, 13264
do you know your economic ABC's? ex-
planation of gross national product and
how it mirrors our economy, 15643
economic issues, overview '67 (remarks),
15652
health series, 13966
Hungarian, reform of economic guidance
system debates, 13577
marketing research publications, reference
list, 14534
reform of economics teaching in Volgo-
grad higher educational institutions,
USSR study, 13527
research programs, opportunities for
schools of business administration (re-
marks), 338
socio-economic aspects of water resources,
bibliography, 13427
teachers, advanced study, national de-
fense institutes, manual, 5877
use of electronic computers in national
economic planning, USSR study, 13472
USSR—
automation and control, 12093
economic-mathematical methods applied
to economy, 14855
systems, translations—
current developments, 3525
structure and policy, 3526
- Economies in National Government:
Defense Dept. cost reduction program—
examination, 14408A
report, memorandum, 13243
- Economists:
business economist and Government (re-
marks), 15642
employment outlook, 13594
examination announcement—
amendment, 14304
discontinuance notice, 1754
Federal government careers, 295, 14304
- Economou, N., personnel propulsion devices
for use in vicinity of moon, 4822
- Ecuador:
amateur alien radio operators, authoriza-
tion to operate, agreement, 5157
coastal, early formative period, Valdivia
and Machalilla phases, 6499
foreign trade regulations, 12778
mineral industry, minerals yearbook chap-
ter, 7691
- ED&T report, 4437
- EDA, *see* Economic Development Adminis-
tration.
- Eddy currents, and hysteresis losses of trans-
former lamination, application of Poynt-
ing theorem, 1276
- Edelman, Louis A., analysis of U.S. exports
of scientific, industrial and technical in-
struments, 1959-65, 9940
- Edema:
administration of polyglucin (dextran) in
treatment of edematous states, USSR
study, 14906
cerebral, reserpine therapy, 3795
Ederna, Arvo B., administrative guide for
Federal occupational health units, 12459
Edgar, Bart B., relief of estate, 5725, 7021
Edge, Philip M., jr., Langley low-frequency
noise facility, etc., 4948
Edinger, L. D., data requirements for in-
flight synthesis and multiple blender stud-
ies, 15055
Edith Nourse Rogers Memorial Veterans'
Hospital, naming, report, 10136
EDPS, *see* Electronic data processing sys-
tems.
Edquid, Ralph T., relief, 5747, 8456
EDTA, *see* Acetic acid.
- Education:
achievements and further recommenda-
tions, message from the President, 5616
basic, intermediate level, curriculum
guide, 10419
adult—
civil defense course, student manual,
12745
civil defense, personal and family sur-
vival, teachers manual, 11884
grants to States to strengthen programs,
hearings, 13226
American education (periodical), 2677
American, new programs (address), 8840
answer to poverty, school programs eligi-
ble for Federal aid, 4299, 13270
Army Dental Corps continuing program,
5360
assessment, what we don't know can hurt
us (address), 4321
associations, directory, 16230
automation and technology in education,
17151
better schooling programs for education-
ally deprived children, 640
Bulgaria, 638
children in federally affected areas, 1965
annual report, 4295
children of deceased or disabled Philippine
veterans, extend educational assist-
ance benefits—
hearings, 16195, 17397
law, 17112
reports, 15867, 15878, 16134
children, research programs, studies in
progress, 12734
Chile, education and social change, 11871
comparative, studies (series), 638, 11870-
871
Congo (Leopoldville), developments, 14550
consumer, FDA student materials, 4431
creativity in education, PACE projects to
advance, supplementary centers and
services—
programs, 639
project applicant manual, 649
crucial issue (address), 10422
cybernetics helps pedagogy, USSR study,
13522
Defense Department education of depend-
ents overseas, report, 7132
desegregation guidelines (address), 7317
direct vs indirect assessment of simple
knowledge structures, 8193
directory, 10420, 11872, 16230
disadvantaged children—
conference proceedings, 13275
ERIC catalog of selected documents,
subject index, 16227
selected documents, catalog, 16226
under 6, 5671
Eastern Europe, bibliography of English-
language materials, 11870
economic opportunity act, press reports,
13303
education and training, passport to op-
portunity, 9026

Education—Continued

education, passion and action of our time, 4300
 education, research and development and United States balance of payments (remarks), 16885
 educational manual, 11840
 enactments by 89th Congress, 1st session, 7227
 equality of educational opportunity, report of survey, 13271, 14551
 correlation tables, 14552
 era of educational and cultural relations (lecture), 12524
 exchange program—
 agreements with—
 France, 5162
 Greece, financing report, 1914
 Italy, 11270
 Korea, Republic, 9733
 Uruguay, 1496
 contributions for binational programs, GAO report, 8983
 international educational and cultural exchange, 8122, 11335
 international teacher development program, 10426
 exchange scholars, 785, 14691
 Federal aid, schoolman's guide, 512
 Federal money for education, programs administered by Office of Education, chart, 4302
 Federal programs bring progress without controls, 16238
 Federal surplus personal property acquisition, 9027
 Federal surplus real property acquisition, 9027
 first work of these times—
 description and analysis of elementary and secondary education act of 1965, 643
 report to the people, 7308
 for world responsibility, excerpts from addresses at National Foreign Policy Conference for Educators, 16855
 foreign aid program for 1967, new initiatives, 9053
 foreign studies extension, overseas projects in education, 16232
 Fulbright-Hays graduate fellowships overseas projects, 16233
 goals, excellence and equality (address), 5873
 goals for higher education, conflicts with Federal research programs—
 academic communities, etc., responses to inquiry, print additional copies, reports, 10200, 10206, 17473
 hearings, print additional copies, report, 10207
 Government officials and employees, variation of 40-hour workweek for educational purposes—
 hearing, 11679
 law, 15703
 report, 11624
 grant programs, 7309
 guidance, counseling, and testing personnel in State Department of Education, directory, 7301
 handicapped persons—
 adequacy of programs, hearings, 17372
 children and youth, conference report, 10421
 children, grant program for preparation of professional personnel, 4303, 7310
 children, preparation of professional personnel, manual, 16239
 head start child development centers—
 daily program, 4273
 equipment and supplies, 4277
 good nutrition, 4272
 medical guide for directors, 4271
 parent participation, 4275
 securing needed staff, 4270

Education—Continued

head start child development centers—
 Continued
 selection and recruitment of volunteers, 4274
 social services, 4276
 health professions (address), 1418
 health professions, publications, bibliography, 5108
 health, report, 6575
 high school isn't enough (address), 8844
 higher and secondary, improve training of specialists and perfecting leadership in specialized education, USSR study, 16470
 implications of technological change, 13872
 improving instruction in public schools through title 3 of NDEA, 11874
 increasing knowledge in changing world (remarks), 10843
 Indian education (periodical), 12040
 Indian, statistics, 4547
 indicators, 2037
 industrial arts, survey of programs, teachers, students, and curriculum, 13274
 inservice, for school counselors, 647
 integration and academic quality (address), 7314-15
 international activities, multilateral and regional organizations, 18121
 international education act of 1966—
 hearings, 10238, 16193
 reports, 10161, 17528
 print additional copies, report, 13006
 international education, past, present, etc., study, print as House document, reports, 17277, 17543
 international programs, message from the president, 5607
 Job Corps, youth conservation center, 7276
 learning about learning, conference report, 8847
 legislation approved Apr. 24, 1961-Nov. 8, 1965, 7133
 legislative achievements, 4538
 let us keep schools open (address), 4308
 librarians, continuing education, conferences, workshops, and short courses, 8838
 literature of profession, bibliography, 16231
 Lorton Youth Center program, chance on the outside, 11867
 many issues of today (address), 4310
 materials, importation agreements, implement—
 hearings, 11692
 law, 17138
 reports, 12978-979, 17500
 materials, specialized equipment, free importation, report, 17306
 mentally retarded, design of facilities, 16800
 NASA educational publications, list, 10971
 national defense education act—
 educational media specialists, institutes for advanced study, manual, 5877
 graduate fellowships, 1966-67 graduate programs, 4312
 improvement of instruction through title 3, 5876
 institutes for advanced study—
 counseling and guidance, manual, 13276
 proposals, manual, 5877
 languages development program, research completed, etc., list, 1979
 non-profit private schools, loans for teaching equipment, 4309
 student loan program, college-work-study program and list of participating institutions, 1965-66, 7316
 testing, guidance, and counseling programs, title 5-A, legislative changes, questions and answers, 653

INDEX 1966

Education—Continued

national trends, 13421
 nonwhite women and men, educational attainment, fact sheet, 1553
 nonwhite women, educational attainment, fact sheet, 16908
 overseas projects, foreign curriculum specialists, 14553
 parent and family life education for low-income families, 6942
 part-time education in USSR, evening and correspondence study, 650
 professional education projects in oral, head and neck cancer, guidelines, 5105
 profile of youth, 17408
 program evaluation and review technique, applications, 17624
 projections to 1974-75, statistics, 1980
 public, progress in United States, 1964-65, report, 4316
 public, progress in United States, 1965-66, report 11879
 French edition, 14559
 Russian edition, 14561
 Spanish edition, 14560
 public welfare demonstration projects focus on education for AFDC youth, 16253
 quality and opportunity, improvement, how your Government can help, 4307
 recruiting for new partnership, among local, State, and Federal Government (address), 7318
 reference facts, 6047
 remedial, for NYC enrollees, technical information for project sponsors, 12201
 report of Committee on Education and Training, National Citizens' Commission, 1545
 report to the profession, 7303
 research in State departments, 654
 research training program, guidelines, 644
 safety education series, 14681-682
 school programs for educationally deprived children, basic facts for administrators, 1975
 sign your own diploma (address), 8852
 society improved by education of individual (address), 15640
 sons and daughters of deceased or disabled veterans, assistance, eligibility, etc., 2621
 sound basis for rehabilitation (remarks), 9202
 Spain, data, 14549
 State data and rankings, 16365
 State educational records and reports series, glossary of standardized items and terms presented in handbooks, 13269
 State leadership, improving, 16234
 State records and reports series, implementing handbook 3, 8842
 State responsibility, who's in charge here (address), 13281
 summer seminars, overseas projects in education, 16243
 surplus property utilization—
 hearings, 15972
 report, 17346
 Sweden, data, 656
 teachers, exchange opportunities, 14558
 technology, educational, hearings, 14375
 training activities under manpower development and training act, 9026
 Ukraine, internationalist, 4613
 upward bound, program to help youth from low-income families achieve college education, policy guidelines, etc., 7284
 USSR—
 administration of public education, 13513
 changing guideposts, 14372
 literature and art must portray correctly reality and ideological positions for youth training, (speech), 4685

Education—Continued

USSR—Continued
 recent official decrees, 10786
 science, news, 12146
 veterans' educational assistance during June 1966, report, 17496
 veterans, permanent program—
 digest and analysis of bill, 5819
 print additional copies, report, 7196
 hearing, 5711
 law, 5583
 report, 4099
 veterinary medical facilities, construction grants—
 hearings, 11665, 17591
 report, 15943, 17527
 visually handicapped children, programs, 8339
 war orphans assistance program, extend eligibility to period prior to Sept. 1940—
 law, 449
 report, 1828
 white-nonwhite differentials, 837
 who's afraid of the educated woman? (address), 7649
 who's in charge here, balance between State responsibility and local control (address), 7326
 women, educational attainment, 2629, 11330, 16909
 work life in changing economy, 12222
 year of progress under elementary and secondary education act (address), 4314
see also Audio visual instruction—Business education—Colleges and universities—Culture—Elementary education—Naval education—Personnel services in education—Programmed instruction—Religious education—Secondary education—Teaching—Technical education—Vocational education—also subject taught.
 Education and Labor Committee, House:
 activities and accomplishments, 89th Cong., 1st sess., 8665
 calendar, 3115
 committee prints, 512, 1855-56, 7132-33, 8665, 11649-650
 hearings, 511, 1950, 4128-30, 5689, 5691, 8666, 10238-239, 10364, 13028-31, 14415-417, 15966, 17371-375
 Investigations and studies—
 authorization, report, 506
 expenses, reports, 494, 5643, 8575-77
 operation of elementary and secondary schools by Federal agencies, etc, report, 17298
 legislation concerning education and training considered Apr. 24, 1961-Nov. 8, 1965, 7133
 reports, 1833, 1840, 5674, 5676, 7103, 8629, 8634-35, 10161, 10185, 12989, 15865, 15896, 15906, 17271, 17273
 Education by television, *see* Television.
 Education, National Advisory Council on Medical, Dental, Optometric and Podiatric, *see* National Advisory Council on Medical, Dental, Optometric, and Podiatric Education.
 Education of Disadvantaged Children, National Advisory Council on, *see* National Advisory Council on Education of Disadvantaged Children.
 Education Office:
 annual report, 1965, on administration of laws granting Federal aid to schools, 4295
 appropriations, 1966, supplemental, proposal, 5608
 appropriations, 1967—
 amendment, 17171
 hearings, 8763
 law, 10086
 reports, 8592, 10281

- Education Office—Continued
 appropriation, 1967, supplemental hearings, 15960
 bulletins, 1965 (series), 632, 637, 647-648, 650, 655, 1977, 4306, 4320
 bulletins, 1966 (series), 4315, 5883, 8837, 8839, 10423, 10431, 11870-971, 13279-280, 14550
 circulars, 1974, 1976, 1981, 4301, 5878, 7304, 7306, 7319, 7321, 7325, 8842, 8851, 10419, 11882, 13274
 civil rights educational activities, appropriations, 1967, reports, 15938, 17539
 Commissioner of Education, nomination of Harold Howe II, hearing, 5821
 consultation, July 20-21, 1964, with State school guidance officials on vocational guidance for girls, 1563
 cooperative research monograph series, 11881, 17624
 Educational Research Information Center, advance information, 5872
 Federal money for education, programs administered, chart, 4302
 health programs, law, compilation, 13049
 leadership training, career program, 17627
 miscellaneous series, 4318, 7302
 publications, 14562
 publications of research to be placed in public domain, regulations governing, statement of policy, 652
 records handbook, standard filing system, 14557
 special publications, 5880
 studies in comparative education, 638, 11870
 Education, White House Conference on, *see* White House Conference on Education.
 Educational and cultural diplomacy, 1964, 1490
 Educational associations:
 directory, 16230
 USSR educational organizations, activities, 16414
 Educational boards and departments:
 research in State departments of education, 654
 State departments, strengthening, programs, 642
 State, improving leadership, 16234
 Educational Exchange, Franco-American Commission, *see* Franco-American Commission for Educational Exchange.
 Educational institutions, *see* Colleges and universities—Schools.
 Educational Research Information Center:
 advance information, 5872
 catalog of selected documents on the disadvantaged, 16226
 subject index, 16227
 ERIC, national information system dedicated to progress of education, etc., 17621
 information storage and retrieval system, how to put 2½ tons of research into one handy little box, 8845
 Educators, employment opportunities overseas, 4251
 Edwards, Frederick G., use of reaction wheels and nonlinear control for satellite scanning small celestial area, 15184
 Edwards, Geniana R., agricultural economy of Finland, 17617
 Edwards, Oliver J., optical absorption coefficients of fused silica, 6440
 EEC, *see* European Economic Community.
 EEG, *see* Electroencephalograms.
 Eel River Indians, *see* Miami Indians.
 Effective use of sea, report of Panel on Oceanography, 13947
 Efficiency ratings, common sense about evaluating and recognizing performance, 12552
 Eggers, James M., velocity profiles and eddy viscosity distributions downstream of Mach 2.22 nozzle exhausting to quiescent air, 16673
 Eggplant:
 chilling injury of fruits, 14140
 growing, etc., 5147
 Eggs:
 balsam woolly aphid eggs, collection techniques, 14710
 black-headed budworm and hemlock sawfly, overwintering, 13359
 cleaning, bacteriological, chemical, and physical requirements, 6759
 commercial egg-producing farms, New Jersey, costs and returns, 621, 14532
 foreign agriculture circulars, 2987
 futures trading and open contracts, 3012
 gypsy moth, mass density and subsequent defoliation, 8959
 how to use USDA grades in buying, 16936
 individual from egg-mass-depositing insects, obtaining, 14709
 industry, organization and competition, 16724
 appendix, 16721
 know the eggs you buy (poster), 17601
 mechanized egg-grading and packing equipment, evaluation, 12607
 poultry and egg situation (periodical), 3433
 supplement, 10413
 pricing, present and alternative methods, 4284
 processing plants—
 chemical compounds authorized for use under USDA inspection programs, list, 10376, 16201
 operating under inspection and grading programs, list, 592, 7243
 production, disposition, cash receipts, and gross income, 1964-65, by States, 9737
 production, home chicken flock, 43
 production, monthly, 11280
 production tests, U.S. and Canada, 1965 report, 3731
 products, liquid, frozen, solid production, 2878
 shell and frozen, futures, commitments of traders, 2765
 standards for quality, poster, 7247
 statistical series, selected, 10413
 table, nationwide marketing orders, hearings, 5793
 Egypt, *see* United Arab Republic (Egypt).
 Eigenfunctions:
 and eigenvalues for linear chain of atoms, 11100
 eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
 Eigenvalues, *see* Eigenfunctions.
 Eilertsen, Donald E.:
 barite, 16553
 beryllium, 16554
 graphite, 16557
 lithium, 13686
 Eilertsen, Nils A., mineral industry of Maryland, 1131
 Einarsson, O., pattern synthesis problem for slotted infinite cylinders, 9422
 Einstein, Albert, 8-cent commemorative postage stamp (poster), 5088
 Elras, Olibio S. Rodriguez, *see* Rodriguez, Olibio S.
 Eisele, Frederick R., area handbook for Morocco, 11401
 Eisenhower trophy, NGB, announcement of winners, pamphlet, 5022, 17952

Eisenhuth, H. P.:
 surface water records to Dec. 31, 1963,
 index—
 Alaska, 2100
 Hudson Bay and upper Mississippi
 River basins, 2098
 Pacific slope basins in Washington and
 upper Columbia River basin, 2099
 Eisler, Thomas J., Taylor instability in
 stratified flow, 16596
 Eiss, Abraham L., thermoelectric bonding
 study, 4824
 Ekman's problem, and oceanic circulation,
 USSR study, 13471
 Elasmobranch fishes, *see* Fish and fisheries.
 Elastic constants, *see* Elasticity.
 Elastic strain, *see* Strains and stresses.
 Elastic structures, *see* Tissues.
 Elasticity:
 anisotropic viscoelastic sandwich shells,
 6344
 cylinders, filament wound, elastic moduli
 determination, experiments, 1273
 displacements in elastic half-space due to
 moving concentrated normal load, 12370
 elastic constants of Greenland snow as de-
 termined from sonic wave velocity
 measurements, 9891
 photoviscoelasticity, 9418
 plane strain analysis, extension, 17878
 randomly excited aluminum viscoelastic
 panels, sonic fatigue characteristics,
 9400
 stress concentration about curvilinear
 holes in physically nonlinear elastic
 plates, 4999
 transfer function approximations for
 large highly coupled elastic boosters
 with fuel slosh, 9433
 Elastomers:
 extensometer automatically measures
 elongation, 12324
 silicone, phenolic, and epoxy base heat-
 shield materials, evaluation, 17914
 teflon coatings on vulcanizates, wear
 durability improvement, 1378
 thermally stable, synthesis, 11095
 Elder, Robert L., comparison of cesium-
 137 binding characteristics in Pangola
 hay and Spanish moss, 2522
 Elderly people, *see* Aged—Aging.
 Elections:
 Academy of Sciences Kazakh SSR elects
 new vice-president, 7584
 campaign information, factual, 4155,
 11696, 17402
 cooperative directors, assuring democratic
 election, 5909
 electoral college system reform, message
 from the President, 4068
 employee representation, conducted by
 NLRB, reports, 3229
 Federal elections act of 1966, report, 16093
 Guam Governor, popular election—
 hearings, 11661
 reports, 10143, 17518
 Guam legislature, members from election
 districts, provide by law—
 law, 15731
 reports, 10139, 13178
 investigation, expenses, report, 4201
 law guidebook, 10276
 print as Senate document, report, 10294
 political campaigns, financing, hearings,
 16182
 reform act of 1966, proposal, 11608
 Virgin Islands Governor, popular elec-
 tion—
 hearings, 15975
 reports, 10142, 17519
 where votes are, profile of mid-1960's, rel.
 to voting habits of future, 14451
see also Contested elections.
 Electoral college, *see* Elections.
 Electric analog device for computing direct
 surface runoff, 9776

Electric apparatus and appliances:
 consumer information, price list, 2519
 cooling and coolants, bibliography, 3989
 electric impulses revitalize muscles, Yugo-
 slavian study, 10804
 electrical power conversion equipment, in-
 dustrial plant equipment handbook, 8802
 electrical transmission, distribution, and
 industrial apparatus, census of manu-
 factures, 1963, industry statistics, 8336
 equipment components, Federal item iden-
 tification guides for supply cataloging,
 supplements, 2936
 merchant vessel equipment, Coast Guard
 approved list, 11507
 salvaging flooded equipment, surface chem-
 ical methods of displacing water and/or
 oils, 6548
 servicemen employment outlook, 9208
 USSR industrial development, transla-
 tions, 3662
 Electric arc:
 air heater, using direct current, operating
 characteristics as opposed to high-fre-
 quency alternating current, 7874
 arc-melted tungsten, compared with elec-
 tron-beam-melted, 4966
 eliminated during electron beam welding
 by suppressor plate, 13792
 furnace reduction of tin slag for produc-
 tion of columbium-tantalum-bearing al-
 loy, 7707
 heater is self starting, 11023
 magnetically operated limit switch has im-
 proved reliability, minimizes arcing,
 12312
 megawatt direct-current arc heating of
 nitrogen, 9536
 Electric batteries:
 auxiliary, use in silver cells, 6348
 dry cells, current industrial reports, 250,
 1731
 dry tape battery concept, development,
 2365
 fuel cells, reaction heat used in static
 water removal, 4850
 regenerative, combines high efficiency with
 low cost, 2382
 resilient clamps holds fuel cell stack
 through thermal cycle, 4870
 vapor diffusion electrode improves fuel
 cell operation, 13729
see also Storage batteries.
 Electric bridges, Wheatstone bridge type
 of combustible gas indicator, maritime
 safety data, 16525
 Electric cables:
 armored, load-carrying terminals, 2493
 consolidated identification list for test
 evaluation, Federal supply catalog, De-
 fense Dept. section, 4254, 17611
 power, fixed installation, Federal stand-
 ard, 17667
 shrinkable sleeve eliminates shielding gap
 in RF cable, 4880
 thermoplastic insulated, general purpose,
 Federal standard cancellation, 17665
 withstands severe environmental condi-
 tions, 16642
 Electric capacity, *see* Capacitance.
 Electric charges, *see* Space charges.
 Electric circuits, *see* Circuits.
 Electric coils, toroidal, computation of per-
 meability and permittivity of small ring
 sample, 6479
 Electric conductivity:
 atmospheric electricity stations, measure-
 ments, 5070
 changes produced in ice by optical irradi-
 ation 0.8 to 2.7 μ , 15505
 current distribution in thin film super-
 conducting strip transmission line, 7863
 electrically conductive fibers thermally
 isolate temperature sensor, 13784
 role in hydromagnetic stability of parallel
 flows, 2428

Electric conductivity—Continued
sodium chloride conductivity, dependence on chemical nature of surface, 6427
tungsten-fiber-reinforced copper composites, 15183
see also Photoconductivity.

Electric conductors:
magnetic fields due to solid and hollow conical conductors, 2373
perfect rectangular conductor, magnetic field outside, 15177
special tool seals conductors with combination of plastic sleeves, 9499
see also Semiconductors—Superconductors.

Electric connectors, *see* Connectors (electric).

Electric contacts:
proceedings of conference, 4987
solid state detectors monitor relay contacts, 15126

Electric controllers, electrical control equipment, industrial plant equipment handbook, 16209

Electric current converters:
dc to dc converter eliminates large stray magnetic fields, 15106
rotating converters, industrial plant equipment handbook, 11844

Electric currents:
ac ground, phase, and neutral wires, 2-light circuit for continuous monitoring, 7808
coaxial Hall current accelerators, at moderate pressures, 16648
current distribution in array of superconducting thin films, 6456
direct, amplifier characteristics, tester for periodical registering, 7802
direct as opposed to alternating current in arc air heater, 7874
direct-current methods of prospecting, data interpretation, 10644
distribution in thin film superconducting strip transmission line, 7863
electric current stimulates heart action, USSR, 916
electropneumatic transducer automatically limits motor current, 7806
logarithmic amplifier, transistor circuit increases range, 13785
superconducting current-carrying capacity in niobium through hydrogen treatment, enhancement, 16693

Electric discharges:
electrical discharge machining of high-strength metals and alloys, USSR studies, 14832
electrode phenomena in high energy density discharges as applied to plasma acceleration problems, 12266

Electric energy, *see* Electricity.

Electric engineering:
Communist Chinese abstracts, 2772
East European abstracts, 2869
Navy design manual, changes, 6707
USSR abstracts, 3674

Electric engineers, employment outlook, 9236

Electric equipment, *see* Electric apparatus and appliances.

Electric fans, current industrial reports, 251

Electric fields, error in induced modes under Stix coil from assumption of orthogonality of natural plasma modes, 6438

Electric fishing device, Bureau of Commercial Fisheries, electrofishing shocker, characteristics and operation, 13348

Electric furnaces, electric are furnace for reduction of tin slag for production of columbium-tantalum-bearing alloy, 7707

Electric generators:
and generator sets, industrial plant equipment handbook, 11844
coherent light generators and amplifiers, USSR study, 12174

Electric generators—Continued
gasoline driven generator set, rigged with portable floodlight set, airdrop procedures, Army technical manual, 9909
space power systems, 1-megawatt, use of generator with superconducting magnetic field, 7864

Electric heating, diaphragm, electrically heated eliminates use of pyrotechnics, 2403

Electric heating elements, low power, provides thermal control during swaging operations, 11003

Electric insulation, *see* Insulation.

Electric lamps:
automatically switches to new filament on burnout, 6372
current industrial reports, 2817-18
fluorescent, ballasts, current industrial reports, 2818, 12716
incandescent (10-300 watt), Federal standard, 7423
production, current industrial reports, 12714

Electric lighting, *see* Electricity.

Electric lines:
extra-high-voltage transmission lines construction, hearings, 17577
installation and maintenance of electric supply and communication lines, supp., 5004
overhead transmission line study, report, 16123
overhead transmission lines, research program, hearings, 13202
precision, coaxial, air-dielectric transmission lines, electrical parameters, 12385, 15207
single connector provides safety fuses for multiple lines, 6376
transmission line construction practices, coordination, Reclamation Bureau and Bonneville Power Administration, GAO report, 8984
underground transmission lines, research program, hearings, 13202

Electric machinery, *see* Machinery.

Electric measurements:
automatic control and methods, 2440
nonelectric quantities, theory, 2440
stannic oxide ceramics, 4831
see also Radio measurements.

Electric measuring instruments, logarithmic sweep, use in display of long pulses, 12434

Electric meters, moisture, effects of wood preservatives on readings, 2060

Electric motors:
dc brushes—
has high efficiency, long life, 13790
reaction wheel systems, 7724
electropneumatic transducer automatically limits current, 7806
industrial plant equipment handbook, 11844

Electric plants, *see* Electric power plants.

Electric potential, *see* Electromotive force.

Electric power, *see* Electricity.

Electric power distribution, *see* Electricity.

Electric power plants:
coal fired and nuclear, comparison for TVA system, 14046
construction basis, flow-line production methods, 2278
hydroelectric, 1964, construction cost and production expenses, 17655
operating period between major repairs, increasing, USSR study, 1030
space power systems, 1-megawatt, use generator with superconducting magnetic field, 7864
steam-electric plants—
construction cost and production expenses, 7373
TVA, statistics, 8098

- Electric power plants—Continued
water resource appraisals for hydroelectric licensing, planning status reports—
Housatonic River basin, 4384
Kennebec River basin, 4385
Penobscot River basin, 4386
Piscataqua River basin, 4387
Presumpscot River basin, 4387
Saco River basin, 4387
Electric propulsion, *see* Propulsion.
Electric pulses, *see* Pulses.
Electric railroads, transportation statistics, 4585
Electric relays:
optimization of relay controlled system subjected to random disturbances, 10958
relays and industrial controls, current industrial reports, 5484
Electric resistance:
copper magneto-resistance devices as magnetometers, 13839
direct-current methods of prospecting, data interpretation, 10644
lung at 100 kc./sec., 12638
resistance coefficients for structural plate corrugated pipe, hydraulic model investigation, 8864
selenium bond decreases on resistance of light-activated switch, 1205
solid anthracite specimens, method for determining, 10926
tungsten-fiber-reinforced copper composite, 15183
Electric resistors, diffusion technique stabilizers resistor valves, 7796
Electric sleep therapy of hypertension, USSR, 12164
Electric switchgear:
compact SCR trigger circuit for ignitron switch operates efficiently, 1222
current industrial reports, 5484
electrically controlled optical latch and switch requires less current, 17892
key-locked guard prevents accidental switch actuation, 11027
lamp automatically switches to new filament on burnout, 6372
light-activated switch, use of selenium bond to decrease on resistance, 1205
magnetically operated limit switch has improved reliability, minimizes arcing, 12312
optically driven switch turn-off time reduced by opaque coating, 7795
safety switch permits emergency bridge crane shutdown, 9475
solid-state switch increases switching speed, 16644
switching mechanism senses angular acceleration, 9470
unified (integrated) switching system and multiplexing, application of pulse-code modulation (IKM) in building, USSR study, 926
zener diode controls switching or large direct currents, 1225
Electric tapes, *see* Tape.
Electric transformers:
complementary system vaporizes sub-cooled liquid, improves efficiency, 6371
distribution and power station transformers, industrial plant equipment handbook, 8800
dual-voltage power supply has increased efficiency, 4839
lamination, hysteresis and eddy-current losses, application of Poynting theorem, 1276
Electric utilities:
statistics, 1964—
classes A & B privately owned companies, 8903
publicly owned systems, 11926
Electric waves:
distortion of unmodulated electromagnetic waves in nonlinear dispersing media, 6143
electromagnetic, use for terrain analysis, laboratory investigations, 680
ionospheric wave interaction experiments, numerical simulation, 1300
launching of surface electromagnetic waves on axial-cylindrical reactive surface, 4928
super-high electromagnetic waves, effect on mice, USSR study, 13558
Electric wire and wiring:
ac ground, phase, and neutral wires, 2-light circuit for continuous monitoring, 7808
consolidated identification list for test evaluation, Federal Supply catalog, Defense Dept. Section, 4254, 17611
devices and supplies, current industrial reports, 5485
equipment, census of manufactures, industry report, 3902
Federal item identification guides for supply cataloging, supplements, 2936
lead wires, anchor buttons as attachment for biomedical instrumentation, 99
manufacture of cast microwire with glass insulation, USSR study, 13493
polythene terephthalate insulated ribbon wire, transient effects caused by electron irradiation, effects of shunt capacitance, 7849
power, fixed installation, Federal standard, 17667
scaling underwater exploding wires, 16754
thermoplastic insulated, general purpose, Federal standard, cancellation, 17665
wire memory matrix uses very little power, 1234
Electrical, *see* headings beginning Electric.
Electricians:
construction—
employment outlook, 9234
1 & C, Navy training program, 15243
interior communications—
1 & C, Navy training courses, 9586
3 & 2, Navy training course, 13907
maintenance, employment outlook, 9250
supervisor, examination announcement, 9993
Electricity:
agriculture, growth of electrical load, mathematical equations to determine need, USSR study, 7613
all-electric homes, annual bills, 4379
antitrust review, hearings, 17576
application of nuclear power installation for water desalination with simultaneous production of electric power, USSR study, 2210
Bonneville power generation and sales statistics, 8310
circuit protects power supply against overload current, 12330
complementary monostable circuits achieve low power drain and high reliability, 10991
current measurement in launch vehicle checkout, 16665
electric light and power occupations, employment outlook, 9299
electric lighting equipment, census of manufactures, industry report, 3902
Federal power act, regulations, 3460
fuels and electric energy used, annual, survey of manufactures, 12697
fundamentals as applied to Army aircraft, 8271
glossary of power and rate terms, 4382
interstate and wholesale aspects of electric power regulated by FPC, explanation, 11927
markets, Pacific Northwest base study, forest industries, 6875

Electricity—Continued

national electric rate book, 703-724, 2021-23, 3236, 4383, 10480-482, 11928-929, 13324-326, 16274-276, 17656-659
 nonprofit cooperatives, exempt from FPC jurisdiction, clarify, hearings, 1931
 Northeast power failure of Nov. 9 and 10, 1965—
 effect on communications, 7360
 report to the President, 725
 responses to inquiries, report, 7189
 nuclear power for generation of power (remarks), 9932
 output-power capability, linear class B audio amplifier, load-impedance and waveform effects analysis, 16758
 power and distribution equipment, Federal item identification guides for supply cataloging, supplements, 2936
 power conversion equipment, industrial plant equipment handbook, 8802
 power industry, civil defense preparedness, 11855
 power management, survey manual, errata, 1200
 power requirements and costs for high-capacity cotton gins, 11359
 power statistics, 2879
 principal electric facilities, map—
 Alaska, Hawaii, Puerto Rico, Virgin Islands, 7381
 Great Lakes region, 7375
 north central region, 7376
 northeastern region, 7374
 northwestern region, 7377
 south central region, 7379
 southeastern region, 7380
 southwestern region, 7378
 properties of plastic materials, data compiled from technical conference search, 4259
 publications, price list, 16788
 purchased by REA borrowers, 1965, 1453 rates, TVA's influence, 5189
 retail prices and indexes, 3474
 RF absolute power at submillimeter wavelengths, ferroelectric bolometer measures, 6377
 rural—
 borrowers, statistical report, 16818
 financing (remarks), 8011
 materials acceptable on systems of REA borrowers, list, 3153, 6594, 15319
 publications, price list, 5100
 REA electrification loan accounts, establish, hearings, 13011
 rural lines USA, story of cooperative rural electrification, 6761
 statistical bulletin, 3446
 underground distribution, 6595
 United States, 1954-64, list of selected references, 17934
 rural electrification act of 1936, amend—
 hearings, 13011, 17356
 proposed legislation, 11211
 shipboard systems, Navy, 12419
 thermal integration of electric power and life support systems for manned space stations, 1181, 16390
 transient conditions of power systems, investigation by means of computers, USSR study, 14840
 TVA—
 municipal and cooperative distributors, 2609
 power, annual report, 5187
 power, program, 11293
 sales statistics, retail distribution, 2880
 typical bills, residential, commercial and industrial services, 5940
 USSR, electric power, translations, 3617
 wire memory matrix uses very little power, 1234
 see also Atmospheric electricity.
 Electroacoustics, USSR all-Union scientific session devoted to radio day, 14937

Electrocardiography:

observations of acute lethal poisoning of dogs with soman and prophylaxis with nemikon-4, Bulgarian study, 13504
 use of expendable integral skin electrode, 7775
 Electrocardiology, see Cardiology.
 Electrochemical analysis, studies of acids, bases, and salts by emf, conductance, optical, and kinetic methods, 16717
 Electrochemical Analysis Section, National Bureau of Standards, progress report, 16717
 Electrochemical cells, see Cells.
 Electrochemical milling removes burrs and solder from tubing ends, 13793
 Electrochemistry:
 demineralization of water with carbon electrodes, 10674
 long pulses, display in transient measurements, use of logarithmic sweep, 12434
 see also Electrochemical analysis.
 Electroconvulsive therapy, see Electroshock therapy.
 Electrodeless discharge lamp is easily started, has high stability, 4852
 Electrodeposition:
 actinides and lanthanides, 5394
 aluminum from fused-salt electrolytes containing aluminum chloride, 10923
 Electrodes:
 argentic oxysalt, 4952
 auxiliary, use in silver cells, 6348
 carbon, electrochemical demineralization of water, 10674
 carbon, improved, reduces arc sputtering, 4863
 demineralization mechanism, 6067
 dry, for physiological monitoring, 11052
 gelatin-coated, allow prolonged bioelectronic measurements, 7764
 guard electrodes in oil-well logging, response, 10921
 imported for use in producing aluminum, suspension of duty, continue—
 law, 10085
 reports, 8562, 10303
 integral skin electrode for electrocardiography is expendable, 7775
 paste, for reliable measurement of galvanic skin response, 6375
 phenomena in high energy density discharges as applied to plasma acceleration problems, 12266
 plane parallel, flow of electrons through rarefied gas between, 13825
 platinum, interaction of carbon dioxide with hydrogen chemisorbed, 16764
 platinum, potential at low partial pressures of hydrogen and oxygen, 17977
 reversible and irreversible, use in research on corrosion mechanisms in saline water, 12052
 segmented, increases operating pressure of MHD accelerator, 1231
 single collision model for electron-beam currents between plane electrodes, 1250
 vapor diffusion, improve fuel cell operation, 13729
 welding electrode-to-joint alignment maintained with photosensors, 4890
 zinc, for electrochemical cells, improvement, 4832
 Electrodialysis, see Dialysis.
 Electrodynamics:
 involving moving media, study, 12268
 superconducting parallel path circuit, 16770
 Electroencephalograms, H-response, aircrew personnel, 3799
 Electroencephalography:
 changes in orientation, etc., under effect of tranquilizers, USSR study, 948
 wavemeter and integrator for evaluation of wave patterns and mean amplitude, USSR study, 1021

Electroluminescence, *see* Luminescence.

Electrolysis:

- aluminum crimping sleeve prevents fish hook damage, 4405
- electrolytic deposition of thick and regular rhodium layers, USSR study, 929
- etching process provides effective bonding surface on stainless steel, 13736
- fused-fluoride electrowinning of thorium-base alloys, 10927
- high dielectric thin films, electrolytic preparation, 4821
- repetitive, influence on winning molybdenum, 16579
- tungsten, electrowinning in halide and phosphate electrolytes, 7711
- water vapor unit, design and development, 16613

see also Electrochemical analysis.

Electrolytes:

- concentration gradients produced in electrolytes by magnetic fields, investigation, 9044
- content in biological fluids in hypoxia and function of cochlea, USSR study, 16422
- diffusion, diaphragm technique, principles and practices, 14771
- electrorefining hafnium, 15022
- fused-salt, containing aluminum chloride, electrodeposition of aluminum, 10923
- halide and phosphate, electrowinning tungsten, 7711
- life in winning tungsten for scheelite, 12259
- parotid fluid, responses to exercise, 8219
- transport through membrane systems, 16372

see also Polyelectrolytes.

Electrolytic cells:

- cell with 4 variable compartments for rapid infrared analysis, 10925
- mercury, use in flashing beacon, 1236

Electromagnetic accelerators, *see* Accelerators.

Electromagnetic compatibility principles and practices, 1177

Electromagnetic current meter, current measurement with EMIT in Gulf Stream region, USSR study, 14800

Electromagnetic fields, influence on central nervous system, USSR study, 14823

Electromagnetic hammer, 2374

Electromagnetic hammer removes weld distortions from aluminum tanks, 1218

Electromagnetic pumps, *see* Pumps.

Electromagnetic radiation, hysteresis and eddy-current losses of transformer lamination application of Poynting theorem, 1276

Electromagnetic spectrum, *see* Spectra.

Electromagnetic waves, *see* Electric waves.

Electromagnetism:

- electromagnetic forces on space structures, 10945
- electromagnetic testing, inspection of material, handbook, 7269.
- electromagnetic torques on spherical earth satellites in rarefied partially ionized atmosphere, 6471

Electromagnets, lifting, industrial plant equipment handbook, 7255

Electromechanical cells, *see* Electrolytic cells.

Electrometallurgy, correlation of yield behavior in electrorefined vanadium with interstitial impurities, 1169

Electromotive force:

- electromotive analysis of acids, etc., by emf, conductance, optical and kinetic methods, 1717
- potential theory for resistivity prospecting, data interpretation, 10644

Electron beams:

- brazing use of spilt glass tube to assure quality, 7804
- currents between plane electrodes from single collision model, 1250.

Electron beams—Continued

- directed beam of high-speed electrons through mercury vapors in heated-cathode discharge tube, investigation, 4990
- electron-beam-melted tungsten, compared with arc-melted, 4966
- melting of metals, USSR studies, 6121
- melting tungsten, effect of alloying on grain refinement, 13835
- scanning, measurement of work-function variations, principles and instrumentations, 12424
- seals outer surfaces of porous bodies, 6363
- Soviet technology, 16440
- suppressor plate eliminates undesired arcing during welding, 13792
- welding of cooper-monel facilitated by circular magnetic shields, 11009
- Electron bombardment:
 - heating, effects on tensile properties of tungsten, 1371
 - thruster, 5-centimeter-diameter, with permanent magnets, 15199
- Electron guns, Pierce-type, numerical analysis, 16760
- Electron micrographs, high-contrast, for automatic metallographic analysis, use overlay copy technique to provide, 17921
- Electron microscopes:
 - fractographs, interpretation, 9597
 - fracture examination, 1377
- Electron microscopy:
 - biological macromolecules, USSR study, 13569
 - cold consolidation of metal plus dispersoid blends for examination, 12368
 - secondary emission electron microscopy for examining materials containing dispersed oxide particles, 16700
 - USSR studies, 12131
- Electron probe microanalysis:
 - optical techniques, 2497
 - silicates, standards prepared by conventional method, 11026
- Electron probe microanalyzer, measurement of backscattered electrons, 1155
- Electron tubes:
 - and associated hardware, consolidated identification list for test evaluation, Federal supply catalog, Defense Department section, 8810
 - economies for making available to other Government users, FAA, GAO report, 7466
 - selection and use, military standards, 7264
- Electronarcosis, sleep and electric sleep in children, USSR study, 14850
- Electronic charge, *see* Specific electronic charge.
- Electronic circuits, *see* Circuits.
- Electronic composing system, 6045
- Electronic computers:
 - all-Union conference on mathematical optimal programming, 1071
 - analog—
 - computation equipment, USSR catalog, 16502
 - dynamic correlation system, description and drawings, 17941
 - using for investigation of starting characteristics of M-1 rocket engine, 2422
 - analysis of interplanetary monitoring platform (IMP) spacecraft performance, 7860
 - automated drafting system uses computer techniques, 13797
 - automating compilation of programming programs, USSR study, 12096
 - BLS seasonal factor method (1966), application, 13592
 - Bulgarian construction industry computer center activities, 13535
 - Bulgarian training program for improving equipment, 16507

Electronic computers—Continued
 circuit calculates cardiac output, 4843
 Communist Chinese abstracts, 2770
 composition system, guide for utilization, 6045
 computer and invasion of privacy by Government agencies, hearings, 14422
 computer center in higher educational institutions, USSR study, 6136
 Czechoslovakia, produce or import automatic computers? 9135
 determining error in system for automatic calculation of technical-economic characteristics, USSR study, 13481
 digital—
 analysis of bronchoscopic symptoms of pulmonary cancer, USSR study, 12132
 application for approximation of discrete fields, USSR study, 12158
 automatic synthesis program, users manual, 12265
 COBOL, common business oriented language for programming, 5644
 detection system ensures positive alarm activation in digital message loss, 12327
 digital, and programming concepts, 17972
 higher order interpolation path controller, 15182
 instructor's guide for fire control technician training, 6527
 lexical memory unit, USSR study, 885
 OMNITAB, program for statistical and numerical analysis, 7911
 plotting performance curves of screw propeller, USSR study, 1049
 power switching, 13814
 processing PFM telemetry data, 7722
 root locus diagrams, 15059
 spacecraft stabilization and control system study, 13713
 trainee's guide for fire control technical training, 6528
 East European abstracts, 2867
 electrical analogies and vibration of linear mechanical systems, 12269
 FET (field effect transistor) comparator detects analog signal levels without loading analog device, 11018
 foreign affairs and computers, 18114
 generation of quadrature coefficients utilizing symbolic manipulation language FORMAC, 13812
 history, description, etc., understanding the atom series, 11442
 hydrometeorological observations for processing, preparation of results, USSR study, 14869
 IBM 7094 and 7094-704X systems, data loading routine, 7811
 IBM 7094, MAP (Macro Assembly Program) fixed-point, packing-unpacking routine, 17690
 MAP (Macro Assembly Program) fixed-7894
 intraspecies biologic and behavioral variability studies, computer system, 12643
 investigation of transient conditions of electric-power systems, USSR study, 14840
 ISKRA-Z-23 V, Yugoslavian study, 16456
 machine search algorithm for derivation in propositional calculus, USSR study, 14856
 MAMOS, monitor system under IBSYS for IBM 7090/7094, 10955
 MAP (Marco Assembly Program) fixed-point, packing-unpacking routine for IBM 7094 computer, 17690
 mathematical analog in metallurgy, USSR study, 1008
 MN-7 and EMU, operation experience, USSR study, 14851

Electronic computers—Continued
 modeling human behavior, conferences on programming and automatic control, USSR studies, 13532
 multichannel regulator connecting device for Dnieper universal general-purpose computer, USSR study, 13457
 operating personnel, employment outlook, 9235
 programming—
 axisymmetric launch vehicles, 4809
 charge distribution about space vehicle, 6346
 computer system simplifies programming of mathematical equations, 13796
 evolutionary, adaption to prediction of solar flares, 9396
 fitting multi-component exponential decay curves, 3793
 gas flow rates in piping systems, 12331
 heat flow problems, 16627
 hydraulic analysis of circular pipe culverts, 5125
 information topics by clustering interest profiles, 5323
 nonequilibrium expansions of reacting gas mixtures, solution, 10943
 reduction and preliminary analyses of runoff data, 9
 right-of-way traverse and area computation, 5126
 selection of structural steel columns, 7769
 soils tests data, 16S17
 space-charge-flow, 9522
 STADAN station scheduling, 9501
 summer mathematics school on methods of solving problems, USSR study, 7622
 surface-fitting program for areally-distributed data from earth sciences and remote sensing, 1182
 trip desire contour chart data preparation, 5127
 radar landmass simulation, computer techniques, 9593
 reading machines, USSR studies, 12089
 reduced precision effect on midcourse navigation and guidance system using optimal filtering and linear prediction, 7890
 Rumania, general-purpose computer developed, 14912
 sampled data and switching logic, 9556
 self-aligning system of programmed control of machine tools, USSR study, 1006
 seminar work, USSR, 12094
 simulation program, adaptable to industrial processes, 16641
 simulation technique for making management decisions in dairy farming, narrative, flow chart, and computer code description, 5864
 SPAD (Satellite Position Prediction and Display) equipment for shipboard use, operation and performance, 2491
 statistical association methods for mechanized documentation, symposium, 7913
 stored program computer for small scientific spacecraft, 17917
 system monitors discrete computer inputs, 15119
 teaching a machine to think, USSR study, 4604
 teaching electronic machines to understand language, USSR study, 900
 techniques, all-Union scientific session devoted to radio day, 13538
 techniques for calculating shape factors and channel volumes from potentiometric model for use in waterflood performance calculations, 12239
 Ural-2, feeding physiological data, USSR study, 12165

Electronic computers—Continued
 Ural-2, feeding with information obtained by means of V. M. Anan'yev's multi-input analyzer and recorded on one magnetic tape track, USSR study, 7623
 urban passenger transportation schedules, modeling of process of compiling, USSR study, 2186
 uses—
 computing scientific technical problems, USSR studies, 9120
 historical-technical analysis, USSR study, 7592
 improve command post exercises, 6536
 in planning, USSR, 16488
 national economic planning, USSR study, 13472
 should be expanded, USSR studies, 9182
 USSR abstracts, 3673
 USSR studies, 9130
 X-11 variant of census method II seasonal adjustment program, 271
 Electronic counters, delayed ripple, use in simplifying square root computation, 1219
 Electronic cross sections, *see* Cross sections.
 Electronic data processing systems:
 automatic, guide for auditing, 12625
 binary counter accumulates, time by complementary present, 4889
 careers in automatic data processing, Veterans Administration, 18139
 confrontation within banking (remarks), 10510
 control lines maintenance, FAA handbook, 16256
 economic purchase, etc., of automatic equipment by Federal departments—
 law, 408
 report, 563
 equipment, East German study, 16483
 equipment, Federal item identification guides for supply cataloging, supplements, 2939
 for the man who wants a tough, hard job, data processing management training program, in IRS, 2118
 Fortran programs—
 flowchart is automatically produced, 6388
 space-charge-flow, 9522
 two-dimensional discrete angular segmentation transport, 15178
 Fortran solution of decompression equations, 13666
 Goddard Space Flight Center, economy of operations, 4144
 Government, management and organization, procurement, etc., hearings, 13055
 inventory of equipment in Federal Government, 1689, 12689
 machine language and data processing developments, USSR study, 2168
 machine methods in research into history of science and engineering, USSR study, 7595
 management of automatic data processing in Federal Government, training programs ADP Management Training Center, 1750
 management of data processing equipment, Air Force manual, 8187
 PARM, program analysis for resource management, introduction to post-attack recovery planning system, 659
 planning and utilization of automatic data processing equipment, Ames Research Center, Moffett Field, Calif., NASA, GAO report, 10621
 polar video gating of radar and IFF displays using cartesian control, 12441
 single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
 theory, 2440

Electronic data processing systems—Con.
 transistorized building blocks for data instrumentation, 13863
 two-coordinate, sampled-data tracking system, human vs filter as data extrapolator, 6543
 USSR Exhibition of National Economic Achievements, information and data-processing equipment exhibited, 2272
 USSR industry, 10790
 weather radar, atmospheric turbulence and series, 1536
 Electronic equipment:
 communications, reliability and economy, USSR study, 12125
 components and sub-assemblies, SNAP 8 radiation effects test program, 7747
 components, Federal item identification guides for supply cataloging, supplements, 2936
 cooling and coolants, bibliography, 3989
 France, market information, 10028
 insulator-holder protects transistors in dense electronic assemblies, 4882
 maintenance, Coast Guard manual, amendments, 5537, 10008, 11506
 miniature parts and integrated circuit devices, handbook, supp., 12500
 reliability physics notebook, 8201
 reliability stress and failure rate data, military standardization handbook, 10394
 salvaging flooded equipment, surface chemical methods of displacing water and/or oils, 6548
 selected electronic and associated products, current industrial reports, 8355
 Electronic integrators, *see* Integrators.
 Electronic machining and treatment of materials, USSR, 9184
 Electronic measuring instruments, blood pressure measuring system gives accurate graphic output, 2384
 Electronic modules, rugged microelectronic module package supports circuitry on heat sink, 11037
 Electronic phase-locked-loop speed control system is stable, 12295
 Electronic Systems Division:
 technical documentary report, 3784
 technical reports, 83, 3785-86, 5317, 6801, 8193-94, 9861, 16949
 Electronic technicians:
 class C, TACAN systems course, trainee's guide, 15249
 examination announcement, amdt., 393, 8391
 Electronics:
 basic, fire control technician training, trainee's guide, 5061
 Communist Chinese abstracts, 2772
 East European abstracts, 2869
 electronic trainer, use by laboratory for sports cybernetics, USSR study, 6164
 failure free systems, final report, 2364
 fire control technician training instructor's guide, 17974
 fundamentals, transparencies, cross reference index, 15244
 industry, implications of reduced defense demand, 110
 information tests for enlisted classification, validation, 3377
 Institute in Bulgarian Academy of Sciences, achievements, 13526
 key to progress, USSR, 10724
 maintenance, Coast Guard manual, amendments, 5537, 10008, 11506
 manufacturing occupations, employment outlook, 9300
 method of measuring hematocrits of fish, evaluation, 14674
 microelectronics in space research, technology survey, 1198
 microelectronics, interconnection problem, survey/study, 7736

- Electronics—Continued
 organizational mechanic/repairman course, 5363
 PACAF basic bibliographies, supp., 5320
 publications, price list, 16788
 space electronic systems, multipactor breakdown, 12264
 tool forms right angles in component leads, 13781
 treatment of materials, USSR studies, 9145, 14918
 USSR abstracts, 3674
 USSR all-Union scientific session devoted to radio day, 13574, 14831, 14838
see also Bioelectronics—Quantum electronics.
- Electrons:
 angular distributions ejected from helium by protons, 16695
 attachment to atomic fluorine in thermally ionized air, 12274
 backscattered, measurement in electron probe microanalyzer, 1155
 collection by spherical satellite in earth's magnetic field, 17877
 density in ionosphere, Alouette I observations, 10980, 13726, 17590
 designs of electron melting units, USSR study, 981
 drift in plasma, 4991
 emission properties of duplex refractory metal thermionic emitters, 15044
 flow through rarefied gas between plane parallel electrodes, 13825
 high energy, effects on silicon, 6347
 high-speed, directed beam through mercury vapors in heated-cathode discharge tube, investigation, 4990
 inner zone radiation belt, trapped radiation model environment, 4835
 interactions with matter, 2359
 irradiation of polyethylene terephthalate insulated ribbon wire, transient effects, shunt capacitance effects on, 7849
 low energy, at balloon altitudes, intensities and charge composition, 2413
 magnetic breakdown in finite 1-dimensional model with infinite potential relaxed, 7823
 paramagnetic resonance, spectroscopy for studying surface defects and adsorbed molecules, 7871
 radiation effects on unijunction transistors, 13714
 scattering in aluminum, 2359
 thermal field emission—
 energy transport, 11070
 for terminated image potential, 6354
- Electrophoresis, *see* Immunoelectrophoresis.
 Electrophysiology, *see* Physiology.
 Electroplaters, employment outlook, 9237
 Electroplating:
 eliminates gas leakage in brazed areas, 16637
 equipment, market in United Kingdom, 177
 hollow spherical rotors fabricated, 15097
 selective, of etched circuits, 1238
 Electropneumatic transducer automatically limits motor current, 7806
 Electrorefining, *see* Smelting.
 Electroshock therapy electroconvulsive therapy, 1939-63, studies, 11196
 Electroslag, remelting, USSR study, 13584
 Electroslag welding, *see* Welding.
 Electrosorption, desalination by electrosorption and desorption, 16373
 Electrostatics:
 high field strength, measured with vibrating diaphragm, 1227
 measurement experiment, Scout vehicle 131-R (S.E.V., systems evaluation vehicle), 10946
 Electrovacuum materials, assortment and use, USSR study, 16476
 Electrowinning, *see* Electrolysis.
 Electrowon molybdenum, *see* Molybdenum.
- Elementary education:
 arts and humanities instruction, financial assistance, 8843
 book selection aids, 8836
 conservation in elementary schools, outline, 14147
 disadvantaged children—
 administration of elementary school programs, 16225
 bibliography, 16229
 educating in middle grades, 4298
 disaster areas, financial assistance, law, 415
 educationally deprived children—
 basic facts for school administrators, programs under 1965 act, 1975
 better schooling, programs under 1965 act, 640
 special programs, under 1965 school act, guidelines, 4304
 elementary and preschool child development act—
 hearings, 5689
 report, 5676
 elementary and secondary education act—
 aid to strengthen educational quality, etc., ESEA, 5881
 amendments of 1966—
 hearings, 13028, 13226, 14416, 17373
 reports, 12989, 15924, 17342, 17499
 education of handicapped children and youth, possibilities and plans, conference report, 10421
 first work of these times, description and analysis, 643
 instructions for title 1, 1967 application forms, 14554
 PACE, projects to advance creativity in education, supplementary centers and services, etc., 639, 649, 5879, 10429
 programs for disadvantaged under title 1, 13268
 progress under title 4, back to drawing boards, 13267
 elementary and secondary schools, operation by Federal agencies, investigation and study, 17298
 enrollment, teachers, schoolhousing, and expenditures, fall 1965, statistics, 7307
 entitlement by impacted area school districts under P.L. 874 and P.L. 89-10, 11826
 grant formulas under 1965 school act, hearings, 4128
 guidance services in schools, national survey, 13272
 impact aid to strengthen and improve programs of assistance, hearings, 14417
 in public schools, 1960-61 survey, 7325
 inheritance comes to P.S. 83, 10425
 learning about space careers, 10972
 life sciences in space age setting, 12263
 planetarium, teaching resource, 17887
 school construction grants, hearings, 5690
 school library resources, textbooks and other instructional materials, programs under 1965 act, 641
 space handbook for teachers, Lincoln plan, 12276
 strengthening State departments of education, programs under 1965 act, 642
 teaching poison prevention in primary grades, guide, 6578
- Elements, fluid logic, for binary counter uses, 2396
 Elements (chemical), *see* Chemical elements.
 Elevations, *see* Altitude.
 Elevator constructors, *see* Mechanics (persons).
 Elevators, *see* Grain elevators.
 Elger, Gerald W., producing hafnium-enriched feed solutions from zircon, 12256
 Elias, Michael F., *see* Daniel, Michel F.

- Elias, Z. M.:
dual formulation of thin shell theory, 15067
spherical shell with non-axisymmetric boundary, 16595
- Elk:
habitat management problems in northern forests, 8973
Roosevelt, bibliography, 10616
use of openings in spruce-fir forests of Arizona, 13368
use of ponderosa pine forest in Arizona, 13365
- Elk River, watershed area, economic and resource development, summary, 2606
- Elko County, Nev., geochemical reconnaissance, 16355
- Elliott, Carl V., relief, 12884
- Ellipsoids:
bluntness effects on subsonic drag of elliptical forebody, 9519
equatorial ellipticity of earth from Syncom II drift, 12336-337
transonic aerodynamic characteristics, 6421
- Elliptic functions, *see* Mathematics.
- Elliptic motion, expansions in, 7952
- Ellipticity, series of related bodies with cross-sectional ellipticity, supersonic aerodynamic characteristics, 15157
- Ellis Island, commemorative medals, report, 17254
- Elm, Siberian, height growth characteristics in central Great Plains windbreaks, 8966
- Elm bark beetles, *see* Beetles.
- Elm spanworms, *see* Spanworms.
- El Paso, Tex.:
Chamizal boundary, border highway—
hearing, 13057
report, 14390
land conveyance, report, 13176
- El Paso County Water Improvement District No. 1:
approving contract—
law, 15725
reports, 12940, 17465
- El Salvador:
background notes, 8041
foreign trade regulations, 10024
mineral industry, minerals yearbook chapter, 7688
- Elson, Jo Ann, abstracts of personnel research reports, 14183
- Elva L. (ship):
documentation with full coastwise, privileges, 17074, 17178
- Elyria, Ohio, commodity transportation survey, production area series, 8344
- EM series, 7329, 11892, 17632-633
- Embankments:
cohesive soil, construction control, rapid method, 8009
pore pressures during construction, 10446
- Embassies, *see* Foreign Service.
- Emblems, Navy, reproduction standards, 1386
- Embrittlement, *see* Fracture of metals.
- Embry, Robert S., volume tables and equations for young-growth western hemlock and sitka spruce in southeast Alaska, 8960
- Embryology, human, USSR study, 10726
- Embryos, chick, analysis of effect of replacing nitrogen by helium in air, 978
- Emergencies, *see* Disasters.
- Emergency boards:
reports—
American Airlines, Inc., 17628
Eastern Air Lines, Inc., National Airlines, Inc., Northwest Airlines, Inc., Trans World Airlines, Inc., and United Air Lines, Inc., 13284
- Emergency mass feeding:
basic course, instructors guide, 15624
emergency welfare services manual, 17023
handbook, 17028
- Emergency Planning Office:
appropriations, 1967, hearings, 8651, 13193
deputy director, nomination of Myron R. Blee, hearing, 11790
director, nomination of Farris Bryant, hearings, 7204
emergency preparedness programs, review, hearing, 453
press releases, 3358
- Emery County, Utah, Temple Mountain district, geology and uranium deposits, 9007
- Emf, *see* Electromotive force.
- Emigrant Gap, Calif., railroad accident, 2137
- Emigrés, *see* Immigration and emigration.
- Eminent domain, equitable acquisition practices, fair compensation, relocation assistance, report, 13155
- Emission, atmospheric, from coal combustion, inventory guide, 13961
see also Electrons—Thermionic emission.
- Emissivity, *see* Thermal radiation.
- EMIT (electromagnitnyy izmeritel 'techeniy'), *see* Electromagnetic current meter.
- Emitance:
coatings between 300° and 575°, 7889
spectral, of aluminum oxide and zinc oxide on opaque substrates, 1277
- Emphysema, general information, 12471
- Empirical method for determining static distributed aerodynamic loads on axisymmetric multistage launch vehicles, 7833
- Employee benefit plans:
code of Federal regulations, 10490
experience, 6611
Federal salaries and fringe benefits, adjustment rates of basic compensation, etc.—
hearings, 7161, 10365
law, 12829
reports, 8596, 10307
- health plans, adjustments to medicare, 11230
- welfare and pension plans disclosure act, regulations and interpretative bulletins, 14963
- Employee pensions, *see* Pensions.
- Employee training:
employer encouragement for on-the-job training, hearings, 16192
planning and conducting on-the-job training guide, 15482
supervisors responsibility for work improvement, 5147
training needs for health facilities, 7328
vocational education, training for yesterday's jobs? 13589
- Employees:
air transportation industry, 1947-64 indexes of output, 14969
earnings and hours—
in nonmetropolitan areas of South and North Central regions, 17816
in selected small metropolitan areas of South, 16539
retail trade, June 1965—
apparel and accessory stores, 13614
automotive dealers and gasoline service stations, 13613
food stores, 13612
summary release, 14984
earnings, retail general merchandise stores, 12219
nursing and personal care homes, 1964
statistics, 15310
trends in health services, 1437
see also Farm labor—Government officials and employees—Railroad employees—Stores—also names of departments, etc., where employed.

Employees' Compensation Appeals Board:
decisions—

index digest, v. 13-15, 11885

July 1, 1964-June 30, 1965, 11886

Employers:

agricultural, social security tax guide, 2115

call your community manpower service center when you need qualified workers, labor market information, etc., 4330

contributions into joint industry promotional funds, etc., hearing, 17590

encouragement for on-the-job training, hearings, 16192

expenditures and practices for supplementary compensation for nonproduction workers, 4731

guide to on-the-job training under manpower development and training act, 1631

household workers, social security tax guide, 855

looking for scientists, sociologists, nurses, etc., whatever your professional manpower needs, fill through Professional Placement Network, 11887

records kept under fair labor standards act, general requirements, 9763

tax guide, 854

Virgin Islands, Guam, and American Samoa, Federal social security tax guide, 2116

Employers' liability and workmen's compensation:

Federal employees' compensation act—

benefits, improve—

hearings, 511, 10360

law, 11586

reports, 5674, 11779

work injuries sustained during 1964, 661

ILO convention concerning employment injury benefits, text, etc., 17159

longshoremen's and harbor workers' compensation act, as extended, text, 13285

publications, price list, 7986

radiation injury, legislation, Federal-State cooperation in improvement, 1687

State laws, brief summary, 17804

workmen's compensation and radiation injury, studies, 1687, 6873

workmen's compensation enactments, 4712

workmen's compensation payments and costs, 2565

Employment:

act of 1946—

amend, hearing, 17380

text, 5594

20 years of experience, 7231

20th anniversary, symposium, hearing, 8485

print additional copies, reports, 10213, 10292

supplement, 14376

area redevelopment, new and permanent employment, creating, 3806

area trends in employment and unemployment, 2687

census of business, 1963, employment size—

retail trade, 193

selected services, 200

wholesale trade, 207

city, 5497

coal mines, monthly report, 2753

community program, developments, 14568

current reporting in developing countries, how to establish, 12209

EDA program for building communities with jobs, 1964, 7272

educators overseas, opportunities, 4251

effects of construction expenditures, 13621

employment and earnings (periodical), 2681

employment and earnings, and monthly report on labor force (periodical), 4734

Employment—Continued

employment service adviser, examination announcement, 6962, 10001

employment situation, monthly release, 2886

engineers, scientists, and technicians, current market, 664-665, 14567

equal opportunity (address), 13587

expanding employment in pluralistic economy, 17803

farm labor developments, 2911

employment and wage supplement, 2912

farmers, self-employed, are you getting your social security credit? 1467

Federal—

executive branch operations under dual compensation act, report, 7158

Federal employment statistics bulletin, 2928

futures in Federal Government, 6973

jobs overseas, 1760

mediator positions, 10478

monthly report, 3217

programs providing jobs, 7640

publication providing useful information, 2520

summer jobs, examination announcement, 3982

summer jobs in '66, office and science assistant positions, 311

thinking about your first job? remember Uncle Sam, 17044

veteran preference, handbook for veteran counselors, 17045

work injuries sustained during 1964, 661

working for U.S.A., 9997

Forest Service, nonprofessional jobs, 8149

former mental patients, 7 programs that work, 4711

fuel industries, minerals yearbook chapter, 1109

Government employment series, 5497, 6934

Government services, urgent need for talent, 16540

growth patterns by county, 1940-50 and 1950-60—

Far West, 14247

Great Lakes, 8322

Mideast, 5437

New England, 5436

Plains region, 12693

Rocky Mountain, 12696

Southeast, 12694

Southwest, 12695

hiring Neighborhood Youth Corps graduates, information for employers, 2281

impact of technological change, adjustments, etc., 13872

it's your future, right job skills, right job advice, 4329

job placement of specialists, shortcomings in USSR plan, 16480

job vacancy statistics—

hearings, 12842

report, 15779

job vacancy surveys, 8855

know your rights under law, 10841

major programs providing Federal funds for employment & training, 9944

mineral industries, minerals yearbook chapter, 2318

minority group in Federal government, 1965, study, 310

Naval Weapons Bureau, opportunities, 2883

Neighborhood Youth Corps, general information, 2284

old-age, survivors, and disability insurance covered workers, statistics, 1957, 1464

outlook—

accountants, 10859

advertising, marketing research and public relations workers, 9207

INDEX 1966

Employment—Continued

outlook—continued

agricultural occupations, 9291
 air conditioning and refrigeration mechanics, 10860
 aircraft, missile and spacecraft manufacturing occupations, 9292
 apparel industry, 9293
 appliance servicemen, 9208
 architects, 9209
 asbestos and insulating workers, 9261
 atomic energy field, 9294
 automatic bowling machine mechanics, 9215
 automotive service and sales, 9210
 baking industry, 9296
 banking occupations, 9297
 barbers, cosmetologists, 9211
 biological scientists, 9212
 boilermaking occupations, 9213
 bookkeeping workers, office machine operators, 9214
 bricklayers, stonemasons, tile setters, etc., 9216
 business machine servicemen, 9217
 carpenters, painters, paperhangers, glaziers, 9218
 cashiers, 9220
 cement masons, plasterers, lathers, 9219
 chemical industry, 9298
 chiropractors, 9221
 civil aviation, 9295
 clergy, Protestant clergymen, Rabbis, Roman Catholic priests, 9222
 commercial artists, industrial designers, interior designers, and decorators, 9223
 conservation occupations, 9224
 construction electricians, 9234
 construction laborers, 9245
 counseling and placement, 9225
 dental hygienists, 9226
 dental laboratory technicians, 9227
 dentists, 9228
 diesel mechanics, 9229
 dietitians, 9230
 dispensing opticians and optical laboratory mechanics, 9231
 driving occupations, 9232
 earth scientists, geologists, geophysicists, meteorologists, oceanographers, 9233
 electric light and power occupations, 9299
 electronic computer operating personnel, programmers, 9235
 electronic manufacturing occupations, 9300
 engineers, aerospace, agricultural, ceramic, chemical, civil, electrical, industrial, mechanical, metallurgical, mining, 9236
 factory operatives, assemblers, electroplaters, inspectors, power truck operators, production painters, 9237
 FBI agents, 9238
 firefighters, policemen, policewomen, 9239
 floor covering installers, 9240
 forge shop occupations, blacksmiths, 9241
 foundry occupations, 9301
 Government occupations, 9302
 home economists, 9242
 hospital administrators, 9244
 hotel occupations, 9303
 insurance occupations, 9304
 iron and steel industry, 9305
 landscape architects, 9246
 lawyers, 9247
 librarians, 9248
 machining occupations, 9249
 maintenance electricians, industrial machinery repairmen, millwrights, 9250

Employment—Continued

outlook—continued

mathematics and related fields, mathematicians, statisticians, actuaries, 9251
 medical record librarians, 9252
 medical technologists, 9253
 medical X-ray technicians, 10861
 motor vehicle and equipment manufacturing, 9306
 newspaper reporters, 9254
 nurses, registered professional and licensed practical, and hospital attendants, 9270
 occupational therapists, physical therapists, 9255
 operating engineers (construction machinery operator), 9256
 optometrists, 10862
 osteopathic physicians, 10863
 performing arts, actors, dancers, musicians, singers, 9257
 personnel workers, 9258
 petroleum and natural gas production and processing occupations, 9307
 pharmacists, 9259
 photographers, 9260
 physical scientists, chemists, biochemists, physicists, astronomers, 9263
 physicians, 9264
 plumbers and pipefitters, 9261
 podiatrists, 9265
 post office, 9309
 printing occupations, 9262
 private household workers, 9243
 psychologists, 9266
 pulp, paper, and allied products industry, 9308
 purchasing agents, industrial traffic managers, 9267
 radio and television broadcasting occupations, 9310
 railroad occupations, 9313
 real estate salesmen and brokers, 10864
 receptionists, telephone operators, 9268
 recreation workers, 9269
 restaurant occupations, 9311
 sanitarians, 9271
 securities salesmen, 9273
 sheet-metal workers, roofers, 9275
 shipping and receiving clerks, 9274
 social scientists, anthropologists, economists, geographers, historians, political scientists, sociologists, 13594
 social workers, 9276
 speech pathologists and audiologists, 9277
 stationary engineers and firemen, 9278
 stenographers, secretaries, typists, 9279
 structural, ornamental, and reinforcing iron workers, elevator constructors, 9280
 surveyors, 9281
 teachers, 9282
 technical writers, 9283
 technicians, engineering and science technicians, draftsmen, 9284
 telephone occupations, 9312
 television and radio technicians, 9285
 urban planners, 9286
 vending machine mechanics, 9287
 veterinarians, 9288
 watch repairmen, jewelers and jewelry repairmen, instrument repairmen, 9289
 welders, oxygen and arc cutters, 9290
 wholesale trade, manufacturers', retail stores, 9272
 Pacific Northwest forest industries, 3420
 policy in U.S. history, 7231
 policy, International Labor Organization convention, 13078, 17167
 Post Office Dept. use of contractor-furnished personnel, GAO report, 4507

Employment—Continued
 pre-employment training, safety guide, 17625
 private household, expanding opportunity, 4326
 problems of older workers, hearings, 13029
 professional mental health personnel employed in States, 11105
 programs of Government and private organizations (address), 10014
 public, 6934
 public works acceleration program, local employment created, GAO report, 6011
 right job, guide for returning servicemen, 12553
 rural youth job needs, community action program, 16221
 seasonal, range, forestry, surveying, engineering, fire control, information, 6274
 security amendments of 1965, 533, 4217
 security job market research methods, area skill survey, handbook, 4323
 selected readings in employment and manpower, 4230, 7231
 self-employed people, reporting their income, social security information, 9654
 self-employed retirement deduction for taxable year 1964, Treasury Dept. report, 14445
 space jobs, 12275
 State and local government employment and payrolls, 3534
 State and local Government, should be based on principles of democracy (remarks), 9196
 statistics, 1909-65, United States, 6256
 statistics, 1939-65, States and areas, 13593
 student workers under fair labor standards act, 14073
 students in retail or service establishments, regulations under fair labor standards act, 14072
 technological change and employment, 7676, 13872
 tomorrow's job, 9314
 Western States, 1947-64 postwar trends, 9338
 workers covered by State unemployment insurance laws, 2892
 youth, industry practices and policies, 1540
 youth, profile, 17408
see also, Discrimination in employment—Government officials and employees—Handicapped—Manpower—Occupations—Women.
 Employment agencies, *see* Employment offices.
 Employment offices:
 community manpower service center, nearest local office of your State employment service, facilities, 4330
 private agencies, State laws regulating, summary, 7653, 12206
 training program unit 4 (revised)—
 pt. A, instructor's guide, 666
 pt. B, trainees workbook, 666
 Wisconsin, employment service activities, savings through consolidation, GAO report, 8990
 Employment security activities, *see* Unemployment insurance.
 Employment Security Bureau:
 BES series, 4323-24, 17629
 employment service activities in Wisconsin, savings through consolidation, GAO report, 8990
 general aptitude test battery, manual, norms, occupational aptitude pattern structure, 16246
 programs (address), 16244
 Employment Service:
 act of 1966, hearings, 10364
 employment service review, 2884
 supplement, 2885

Employment Service—Continued
 Federal-State system, improve and expand report, 13129
 general aptitude test battery, norms, specific occupations, manual, 16247
 how it helps the handicapped, seven services, 16248
 local occupational information, reports by employment offices, list, 13286
 new directions (address), 13289
 program research on effectiveness of USES tests, 1989
 statistics (periodical), 2885
 Employment taxes:
 increase unemployment tax rate—
 amendments recommended by Labor Department, 16181
 comparison of House and Senate bills, 13206
 data relating to House bill, 13207
 hearings, 13209
 reports, 11633, 13182, 15842
 IRS looseleaf regulations system, 2121, 3168, 6070, 7519, 9046, 10680, 14777
 self-employment tax payment and collection practices, IRS, GAO review, 6025
 self-employment tax, quarterly payments—
 hearings, 4151, 5804
 law, 7032
 summary, 7170
 legislative history, 17399
 reports, 5659, 5665, 7086
 Senate amendments, summary, 8687
 summary, 7211
 Enamel, porcelain, weather resistance, 7-year exposure test, 12380
see also Teeth.
 Encephalitis:
 tick borne, by birds, USSR study, 9118
 virus, tick-borne, experimental infection in sheep, USSR study, 1001
 Encoders:
 pneumatic binary, replaces multiple solenoid system, 15104
 shaft, presents digital output, 17902
 variable word-length, reduces TV bandwidth requirements, 1221
 Encyclopedias, entry of Islam in great Soviet encyclopedia, 10791
 Endocarditis, *see* Heart diseases.
 Endocrinology:
 regeneration and cell division, research, problems, USSR study, 7585
 Soviet research on endocrine mechanisms, 7571
 Endoparasites, *see* Parasites.
 Endotoxins:
 effect of environmental temperature on lethality and its effect on body temperature of mice, 5314
 metabolic aspects of tolerance and effect of low temperature, 5312
 tryptophan pyrrolase inhibition during poisoning, 6797
 Endowments, college and university, status and management, 7300
 Energy, *see* Atomic energy—Force and energy—Radiant energy.
 Energy absorption:
 fragmenting-tube process, 6442
 tube fragmentation, theoretical analysis, 9416
 Energy metabolism, *see* Metabolism.
 Energy spectrum, *see* Spectra.
 Enforcement of law, *see* Law enforcement.
 Eng Wan Sau, *see* Ng, Sheung Wan.
 Engle, Arnold, rheumatoid arthritis in adults, 15308
 Engel, George T., mercury, 16562
 Engelmann spruce, *see* Spruce.
 Engineering:
 architectural-engineering documents for health research facilities construction grants, guidelines, 15267

Engineering—Continued

Coast and Geodetic Survey, responsibilities, 11502
cold regions science and engineering, 1639
Communist Chinese abstracts, 2773
defense communications system, installations standards manual, 7251
degrees (1962-63) and enrollments (fall 1963), 1976
design handbook series, S229-30, 9883
East European abstracts, 2870
education (address), 4029
education, modern, USSR studies, 2175
engineering monographs, 1451, 2548, S009, 9640, 12494
enrollments and degrees, advance report, 10418
facilities, general, seminars for teachers, Kiev, Ukrainian SSR, 6138
highway engineering productivity conference proceedings, 6591, 15314
highway, syllabus for short unit, 11206
history, machine methods of data processing in research, USSR study, 7595
journal of research, National Bureau of Standards, 3102, 16713
materials, Soviet conferences, 16428
mechanization, USSR study, 983
PACAF basic bibliographies, supp., 5319
Peace Corps, general information, 5081
Psychology Branch, bibliography, 1349
public health engineering abstracts, 3426
publications, price list, 13953
quarterly engineering seismology bulletin, 3439
seasonal employment, information, 6274
site engineering, housing design notes, 6590
snow, 1639
Sycam report, 7896
technical a/p's, examination announcement, 11501, 14297
technicians, examination announcement, amendment, 12750
USSR abstracts, 3675
wood-plastic composites, engineering study for manufacturing, 15534
work performance standards, repair and utilities, Army pamphlet, 12655
see also Agricultural engineering—Environmental engineering—Hydraulic engineering—Marine engineering—Mining engineering—Petroleum engineering—Radio engineering—Sanitary engineering—Value engineering.
Engineering and design manual, 7329
Engineering equipment:
Communist Chinese abstracts, 2773
East European abstracts, 2870
USSR abstracts, 3675
Engineering psychology, *see* Human engineering.
Engineering technician, examination announcement, amdt., 293
Engineers:
career opportunities—
civilian, Air Force Dept., 15485
college students in Public Roads Bureau highway engineering training program, 5129
contemporary culture, questions for creative engineer (address), 5548
current employment market, 664-665, 14567
employment in industrial research, etc., 7951, 16740
engineer and paperwork, USSR study, 940
engineering manpower in Communist China, 1949-63, 2478
examination announcements, 8390, 14302
field data, Army field manual, 8251
mental activity, use of cybernetics to increase effectiveness, USSR studies, 9106
pay, Feb.-Mar. 1965 survey, 2303

Engineers—Continued

role, speculative or contributive? (address), 11512
trainee, examination announcements, 298, 1752
USSR construction, K. E. Goryaynov, biography, 10793
USSR, training cadres in system of Committee of Standards, 13477
see also Aerospace engineers—Agricultural engineers—Ceramic engineers—Chemical engineers—Civil engineers—Electric engineers—Flight engineers—Industrial engineers—Mechanical engineers—Metallurgical engineers—Mining engineers—Operating engineers—Sanitary engineers—Systems engineers.
Engineers Corps, Army:
appropriations, 1966, amendments, 17403
appropriations, 1967, decrease, 12856
career opportunities, 16252
civil works program, report by Civil Works Study Board, 11830
correspondence, regulations, 10437
flood control, rivers and harbors, new projects and monetary authorizations—
hearings, 17597
law, 400
reports, 12726, 17533
print additional copies, reports, 10197, 17470
manual, 7329, 11892, 17632-633
policies and procedures followed in determining size of new 2d lock at Sault Ste. Marie, Mich., GAO review, 17712
press releases, 3359
publications available for purchase, 11895
regulations, ER series, 10437
relocation of railroad facilities for Walter F. George Lock and Dam, Fort Gaines Ga., GAO report, 6024
report 1965, civil work activities—
departmental edition, 11889, 14570
document edition, 11599, 14379
savings by reducing overtime on revetment construction and maintenance on lower Mississippi River, GAO report, S986
scientific information activities, 11137
Engineer's digest (periodical), 2887
Engines:
accessories, Federal item identification guides for supply cataloging, supplements, 2932
census of manufactures, 1963, industry statistics, S335
engines and components, Federal item identification guides for supply cataloging, supplements, 2932
gasoline-powered, emission pollutants, control—
amendments, description, 2107
law, 396
internal combustion engine, new type, USSR study, 7562
motor engine building, wasteful diversity, USSR study, 965
transrotor, description and drawings, 17941
tuneup, fundamentals, training motor vehicles mechanics, instructor's guide, 12453
see also Diesel engines—Turbines.
Engines (aircraft):
aircraft engine type certification handbook, 10543
airworthiness standards, Federal aviation regulations, change, 14599
current industrial reports, 2817, 12712
management in ground training programs, Air Force Dept., GAO follow-up review, 16343
modifications, for F-100 aircraft, management of selected time compliance technical orders, Air Force Dept., GAO report, 14725

Engines (aircraft)—Continued
 recovery of needed parts from excess engines, Air Force Dept., GAO report, 10624
 turbojet, tip rotor system, heavy lift, 1659-71
 type certificate data sheets and specifications, 2667
see also Rockets.
 England, *see* Great Britain.
 Engle, Harry C., relief, 12804, 16008
 Englert, Gerald W., high-energy ion beams used to accelerate hydrogen propellant, etc., 16702
 Englerth, George H., framework of qualitative relationships in wood utilization, 10593
 English Channel, lights and fog signals, list, changes, 2482, 7959, 12407, 16746
 English language:
 as a foreign language, NDEA institutes for advanced study, 5884-A
 classify non-projective structures, to construct machine-grammar, USSR study, 16448
 English and your career, 7672
 national defense education act, institutes for advanced study, 5877, 5884A
 naturalization candidates, Federal textbook on citizenship—
 home study course for helper, 7502
 home study course for student, 7503
 oral, conversation classes and discussion groups, planning and conducting, 9754
 reference materials on Eastern Europe education, 11870
 teaching forum, facts and ideas for teacher of English as foreign language, 1526, 5199, 8107, 12550, 16892
 undergraduate requirements for English major, curriculum patterns, 637
 Engraver beetles, *see* Beetles.
 Engravers, Italian coin engravers since 1800, 2465
 Engraving and Printing Bureau, financial statements, 1964-65, GAO report, 11998
 Enlisted men, *see* Army—Navy.
 Enlisted personnel, *see* Army.
 Enlistment, *see* Recruiting and enlistment.
 Enlow, R. E., agricultural research, 2651
 Enrollment, *see* Colleges and universities—Schools.
 Enslinger, M. E., light horses, 34
 ENTAC (ENgin-Telguide Anti-Char), *see* Missiles.
 Enterprise statistics, 1963, preliminary reports, 11475
 Entertainment, *see* Amusements.
 Enthalpy, stagnation, in Langley hotshot tunnel, experimental study, 7827
 Entomologists, examination announcement, 14307
 Entomology:
 military, operational handbook, 11333
 research, scientific careers, 1593
 Entropy:
 ferrous molybdate and ferrous tungstate, 10920
 praseodymium oxides and terbium oxides, 12248
 temperature diagram for parahydrogen triple-point region, 17943
 zinc sulfides and solid solutions of zinc and iron sulfides, 2353
 Entry into atmosphere, *see* Atmospheric entry.
 Environment:
 aviation and its flight environment (address), 5892
 Cape Thompson region, Alaska, 11432
 cold regions science and engineering, 8233-43
 contamination from lead and other substances, hearings, 13228
 control, planning (address), 9803

Environment—Continued
 controlled, clean room and work station requirements, Federal standards, 16289
 controlled radiiodine tests at National Reactor Testing Station, 1965 progress reports, S284
 cryogenic, properties of large 7079 aluminum alloy forgings in, 12271
 electrical cabling withstands severe environmental conditions, 16642
 environmental chambers, industrial plant equipment handbook, S801
 environmental data collection manual, 1990
 environmental physiology of submarines and spacecraft, 6282
 environmentally controlled reusable containers for shipping and storing critical parts, 12300
 hazardous, self-contained clothing system provides protection, 9492
 health series—
 air pollution, 6577, 13961
 Arctic health, 5104
 food protection, 2526, 13952, 15276
 radiological health, 12465, 15277, 18003
 references and abstracts, 12466
 water supply and pollution control, 9624
 helium-oxygen and other atmospheres for closed systems, 6283
 hospital, better patient care through research, education, and consultations, 16801
 industrial, evaluation and control, syllabus, laboratory manual, 16802
 influence on growth and reproduction of cattle, 5268
 lead contamination, symposium, 8002
 man-made radioactivity, environmental studies, 11441
 many faces of change (address), 9931
 meteoroid, and its effects on materials and equipment, 4834
 Mississippi River Delta, impact of pesticides, 15467
 mobility environmental study one-pass program, 5347
 natural regeneration in mixed conifer forest type of California, S975
 natural systems of U.S., conduct research program, hearing, 17583
 radiation, external, 11424
 radioiodine, controlled environmental tests, 15531
 reduced-pressure, vibrational characteristics of sandwich panels, 15163
 restoring quality, 1399
 significance of large-scale patterned ground, Donnelly Dome area, Alaska, 1637
 space environments—
 handbook, Air Force, errata, 11376
 portable lightweight cell provides controlled environment, 15100
 simulators, manrating, aerospace medicine considerations, 15481
 supersonic and hypersonic, high-temperature, oxidation of graphite, 12343
 thermal and pressure environments in base of Saturn S-1C booster from Mach 0.1 to 3.5, wind-tunnel investigation, 16678
 thermal environment in shelters, evaluation, 12467
 transmission system isolates pressure transducer from severe environment, 6390
 trapped radiation environment, models, 4835
 vacuum, feed-through connector withstands high temperatures, 2379
 variable-environment chamber, materials physically tested, 7786
 zero-gravity—
 flammability, 17932
 use of aircraft to produce, 9517
 Environment chambers, *see* Environment.

- Environmental engineering selected publications, bibliography, 15272
- Environmental Pollution Panel, President's Science Advisory Committee, restoring quality of our environment, report, 1399
- Environmental Science Services Administration:
- Armed Forces members permitted to be assigned to—
 - law, 17149
 - reports, 17219, 17512
 - ESSA fact sheet, 11901
 - ESSA, new agency, general information, 13301
 - ESSA symposium on earthquake prediction, 14577
 - ESSA world, official employee publication, 14578
 - navigate safely, nautical charts and maps, list, 13300
 - press releases, 3360
- Enz, Richard W., water supply outlook and Federal-State-private cooperative snow surveys for Arizona, 3687
- Enzymes:
- chemistry, USSR study, 970
 - microorganisms detected by enzyme-catalyzed reaction, 7774
 - saliva protease levels in relation to periodontal status in man, 11381
- Eocene period, echinoids from Barbados, 18097
- Ephemerides, ephemeris of sun, Polaris, etc., 1098, 17819
- Epicerter, *see* Earthquakes.
- Epidemics, infectious diseases, organization of measures to control within epidemic foci, USSR study, 9142
- see also* names of contagious diseases.
- Epidemiology:
- cancer and chronic diseases, study, 7931
 - leukosis enzootica bovis, 13993
 - New Jersey radium cases, follow-up, progress report, 9921
 - reports from world press, 2888
 - territorial, natural foci of diseases in relation to, USSR study, 9125
- Epilepsy:
- progress in research, summary, 1317
 - research, basic and clinical, review, 6489
- Epinephrine, intravenous infusion, calorigenic response of rabbits, 9858
- Epitaxial deposition, structures for radiation, resistant silicon solar cells, development, 10941
- Epithelial cells, proliferation kinetics in hibernating dormice, 9859
- Epoxy blanket protects milled part during explosive forming, 4866
- Epoxy resins, *see* Resins.
- Eppley, R. A., earthquake history of United States, stronger earthquakes of California and western Nevada, 6982
- Epstein, Emanuel, salinity and pattern of selective ion transport, 7513
- Equal employment opportunity, *see* Discrimination in employment.
- Equal Employment Opportunity Commission:
- appropriations, 1967—
 - hearings, 15955
 - reports, 15938, 17539
 - facts, 1996
 - legal interpretations issued or adopted by, digest, 14582
 - newsletter, 3271
 - press releases, 3361
 - responsibilities under title 7 of civil rights act of 1964, 17639
- Equal Employment Opportunity, White House Conference on, *see* White House Conference on Equal Employment Opportunity.
- Equal pay facts, 14095
- Equal pay for equal work, *see* Women.
- Equal rights, *see* Women.
- Equality of educational opportunity, 13271, 14551-552
- Equations:
- computer system simplifies programming of mathematical equations, 13796
 - depth perception, method of simulating objects moving in depth, 9938
 - differential, ordinary, solution by means of Lie series, 16592
 - differential, perturbed periodic systems, study, stroboscopic method, 15074
 - discretization and differentiation of operators with application to Newton's method, 9442
 - energy transport by thermal field emission, 11070
 - explicit guidance, for multistage boost trajectories, 4936
 - formulation of problems of finding stress functions with aid of biharmonic potentials, 5000
 - Fortran solution of decompression equations, 13666
 - Helmholtz wave equation, nonseparable solutions examined for applications, 15523
 - high order perturbations in Krylov-Bogoliubov and Poincaré methods, 4907
 - Hurewicz theorem for weakly paracompact spaces, 13850
 - Lax's finite-difference method, application to nonequilibrium hypersonic flow problems, 7897
 - linear exchange model, USSR study, 16433
 - linear prediction on finite past of multivariate stationary process, 12373
 - linear, stress near curvilinear holes in shells, 9547
 - linear theory of impulsive velocity corrections for space mission guidance, 7878
 - material balance, for partly depleted oil reservoirs repressured with gas, derivation and application, 9383
 - Newtonian aerodynamics for tangent ogive bodies of revolution, 7857
 - nonlinear membrane solutions for deep membranes of revolution, 7835
 - nonlinear, regression analysis of periods defined by irregular observations, 9434
 - nonlinear, synthesis of nonlinear control laws, USSR study, 10796
 - nonlinear systems, controllability, 9428
 - numerical theory of satellites with highly inclined orbits, 2408
 - one-dimensional nonlinear model, use for determining combustion instability in solid propellant rocket motors, 9533
 - oxidation of molybdenum at temperatures at which its trioxide is volatile, 6472
 - plane strain analysis, extension, 17878
 - proposed, for calculation of forces on sphere accelerating in viscous fluid, verification, 15508
 - resonance concept in systems of linear and nonlinear ordinary differential equations, 1282
 - runoff hydrograph, analysis, 8126
 - single-degree-of-freedom roll equation with time-dependent coefficients, solving, 4917
 - stress concentration about curvilinear holes in physically nonlinear elastic plates, 4999
 - transport, Fortran 2-dimensional discrete angular segmentation program, 15178
- Equations of motion:
- beams and rectangular plates with linearly varying in-plane and axial load, eigenvalue problem, 15056
 - behavior of floating ring dampers and dynamics of hypercritical shafts on flexible supports, 136
 - drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order, 15136

- Equations of motion—Continued
flight performance estimated with closed-form approximations, 4984
flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, analysis, 15050
frequency independent technique for extracting rigid-body motion from total motion of large flexible launch vehicle, 1272
orbital, integrating for use in space navigation, 16687
single turn magnetic coil behavior under dynamic load conditions, 1945
- Equations of state:
matter, at supernuclear density, 1247
streak camera method for making measurements on rock under dynamic loading, 9386
- Equatorial Guinea, see *Ferdinando Po—Rio Muni.*
- Equilibrium:
chemical-equilibrium compositions of reacting-gas mixtures, computing by reduction to single iteration equation, 13816
measurements of nonequilibrium effects in air on wedge-flat-plate afterbody pressures, 2358
nonequilibrium channel flow of multicomponent gaseous mixture in near-equilibrium region, computing, 6460
radioactive, extent between radon and its short-lived daughter products in atmosphere, 16757
shape of array of long elastic structural members in circular orbit, 7820
- Equipment development ED&T report, 4437
- Equipment operators, 1 & C, Navy training course, 15246
- Equipment specialists, examination announcements, 3973, 9990
- Equipments, see *Audio-visual equipment—Dental instruments and apparatus—Foundry supplies—Handling equipment—Medical instruments and apparatus—Medical supplies—Military supplies—Production equipment—Veterinary instruments and apparatus.*
- Equivalent noise bandwidth analysis from transfer functions, 1241
- Era of educational and cultural relations, 12524
- Erected dipole model in absorption of cesium on fluorinated molybdenum, 4961
- Erenburg, Il'ya, interviewed on newspapermen, USSR study, 17782
- Erényi, Gizella, relief, 15791
- Ergasilus, see *Copepods.*
- ERIC, see *Educational Research Information Center.*
- Erickson, E. L., reinforced concrete bridge members, 18085
- Erickson, Edwin E., U.S. Army area handbook for Peru, 1646
- Erickson, Larry L.:
supersonic flutter of flat, etc., orthotropic panels, etc., 13819
supersonic flutter of isotropic sandwich panels, 7818
- Erickson, R. L., gold geochemical anomaly in Cortez district, Nev., 14751
- Erickson, Wayne D., method for computing chemical-equilibrium compositions of reacting-gas mixtures by reduction to single iteration equation, 13816
- Erie, Pa., commodity transportation survey production area series, 8344
- Erie County, N.Y., population, special census, 17011
- Erie, Lake:
pollution, conference, 5103, 11963
pollution, control, etc., hearings, 15974, 17381
small craft, gale and whole gale warning facilities chart, 15423
- Erie National Wildlife Refuge, mammals, list, 4421
- Erikson, Leif, what is significance of his achievements? (remarks), 15542
- Ernst, W. D., turbulent shear flow of dilute aqueous CMC solutions, 6343
- EROS (earth resources observation satellite), see *Satellites.*
- Erosion, and vortex flow in rocket nozzles, 4971
see also *Soil erosion.*
- Error-correcting codes, deletion-, insertion-, and substitution-correcting binary codes, USSR study, 879
- Errors:
analysis of binary rate multiplier, 2417
electric field, induced modes under Stix coil resulting from assumption of orthogonality of natural plasma modes, 6438
rate reduction of parity checked telemetry data by likelihood deletion strategy, 15181
zero defects guide, error-cause removal, etc., 4261
- ERS, see *Economic Research Service.*
- ERS-foreign series, 626-628, 4285, 5867, 7289-91, 8830-35, 10415, 13265, 14544-546, 17617
- ERS series, 622-625, 1971, 4279-84, 5866, 7286-88, 8829, 10413-414, 11864-865, 13264, 14534-543
- Ervin Refi, this is what I saw in Vietnam, into war, with a timetable, 883
- Erythrocytes, see *Blood.*
- Escalator clause, see *Wages.*
- Escape (military):
from prisoner of war camps, field manual, 1640
- Escherichia coli, potassium transport mutant, potassium movements, 8215
- Eschman, Donald F., surficial geology of Athol quadrangle, Worcester and Franklin Counties, Mass., 9006
- ESD, see *Electronic Systems Division.*
- ESFA (elementary and secondary education act) see *Elementary education—Secondary education.*
- Esfandary, Mary S., coal research organizations, worldwide activities and publications, 7686
- Eskew, Roderick K.:
engineering research at Eastern Utilization Research and Development Division, 25th anniversary review, 9788
nonfat milk solids, effect on storage properties of potato flakelets, 12583
- Eskimos:
Anaktuvuk Pass, projected values of cesium-137 body burdens for summer 1965, based on findings in caribou muscle, 5115
children, picture story book, 13423
loans, guaranteed, etc., report, 17211
- Espinosa, Mario V. Machado, see *Machado Espinosa, Mario V.*
- Esonivel, Leonie, relief 8712
- ESRO, see *European Space Research Organization.*
- ESSA, see *Environmental Science Services Administration.*
- ESSA 1 (meteorological satellite), see *Satellites.*
- Essex, Burton L., Illinois timber resources, 7463
- Estate tax, see *Inheritance and transfer tax.*
- Estates, see *Decedents' estates.*
- Esterase, acetylcholine, from erythrocytes of cattle, isolation, purification, etc., USSR study, 2241
- Esters:
neopentyl polyol, analysis for acyl components of lubricants, 12425
phosphorus acid, action on α -chloroperfluorinitrosoalkanes, USSR study, 1011
see also *Dipentaerythritol—Pentaerythritol—Trimethylolpropane.*

Estes, Robert R., endoparasites of laboratory animals, 6809

Estuaries:
Potomac River, water quality, 14749
preserve, develop, etc., for sport, recreation, etc.—
hearings, 14432
report, 15939

Etched circuits, *see* Circuits.

Etching:
electrolytic, provides effective bonding surface on stainless steel, 13736
nonhazardous acid etches weld samples, 15108
process mills PH 14-8 Mo alloy steel to precise tolerances, 10984
Rembrandt's technique, 9566
system for thick aluminum layers minimizes bridging and undercutting, 16623
thermal, application to study of surface abrasion in ice crystals, 1636

Ethanol, *see* Alcohol.

Ethers, effect on parenterally induced Cox-sackie B infection in mice, 78
see also names of ethers.

Ethics:
character guidance discussion, Army pamphlet, 5349
ethics in automation (remarks), 11118
Islamic, and its social significance, 10715

Ethiopia:
agricultural commodities, agreement, 11266
background notes, 8042
foreign trade regulations, 8432
health and sanitation, U.S. Naval Medical Research Unit, agreement, 8075
mineral industry, minerals yearbook chapter 7692

Ethnography, *see* Ethnology.

Ethnology:
Asian countries, ethnography, materials and research, USSR, 12099
Man nationality of Vietnam, Soviet study, 17778
Nghe An Province, Democratic Republic of Vietnam highland peoples, ethnography, 1654
publication, price list, 16787

Ethridge, Robert A., relief of estate, 5726, 7028, 17175

Ethylene:
beta radiation-induced telomerization of methanol, 8290
evaluation as gas tracer in underground gas storages, 10929

Eugene, Oreg., principal electric facilities, map, 7377

Euler's theorem on rotations, *see* Rotation.

Eulogies, *see* Memorial services.

Eureka-Animas Forks area, Colo., manganese occurrences in San Juan Mountains, 16558

Eureka to Point Conception, Calif. coastal warning facilities chart, 11315

Europe:
agricultural situation, midyear review, 14545
capital markets, etc., investigation, authorization, report, 17297

Eastern—
agricultural situation, 7290
agriculture, forestry, and food industries, translations, 3601
Central Laboratory for Ventilation and Heating Industry, regulations, 7545
Communist Party and coalition governments, study, 8783
economic organization and management, translations, 3606
education, English-language bibliography, 11870
foreign trade, translations, 3602
heavy industry, translations, 3603
legal journals, abstracts, 2636
materials industries, translations, 3604

Europe—Continued
Eastern—Continued
meteorological studies in Soviet bloc, 2189
meteorology, current developments, translation, 13463
military information, translations, 3197
political translations, 3328
science and Communist society, USSR study, 14929
scientific abstracts, 2865-72
service industries, translations, 3605
shipping restrictions on grain sales, hearings, 575
social science research studies, current list, 2576, 11247
sociological translations, 3520
unified scientific research program, 16431
United States trade, 1963-65, Communist areas, 14327
United States trade relations, special committee, report to the President, 9718

Europe and Kennedy round (remarks), 8035

Europe today, study mission report, 10342

European and British Commonwealth series, 1489

foreign relations of U.S., 1944—
departmental edition, 11254
document edition, 10096

health information for travel in, 11183

labor digests, 12218

labor organizations, directory, 4581

manpower policy, seminars—
reports, 4230
study papers, 4230

market indicators, 4010

mineral industry review, minerals year book chapter, 13690

modern languages, classification, Library of Congress, 6276

northern community mental health services, 5025

postal services of U.S. Armed Forces—
hearing, 4143
report, 5638

Russia's Europe, rebellion, fact and fiction, 585

Socialist countries—
foreign trade development during years of people's authority, 10808
national guiding organs of scientific life, Hungarian study, 10820
scientific conferences and events, 14860

tide tables, 12765

United States policy toward Europe, hearings, 16186

United States space industry trade mission on European aerospace industry, report, 4576

weather records, 1951-60, 14581

west coast, lights and fog signals, list, changes, 5056, 7958, 13897

Western—
agricultural situation, 1965 review and 1966 outlook, 8833
Defense Dept. civilian manpower policies, investigation, authorization, report, 17301
interest rates, 16280
market profiles, 12782
retraining and labor market adjustment, 1080
social science research studies, current list, 11248
United States, international relations, etc., 1489

European alder, *see* Alder.

European earwigs, control around home, 6746

European Economic Community:
agricultural guidance and guarantee fund, 11864

- European Economic Community—Continued
common market and U.S. tobacco imports,
study, 5680
meat import prospects, 8830
quality wheat, trade agreement, 1500
European Nuclear Research Center Switzer-
land, International, activities, 4602
European pine sawfly, *see* Flies.
European pine shoot moths, description,
control, etc., 7453
European Space Research Organization :
designate as international organization
for purposes of immunities act—
law, 5579
report, 4168
European War, 1914-18, veterans, *see*
Veterans.
Eutectics, barium fluoride-calcium fluoride
impregnated in porous nickel and nickel-
chromium, self lubricating, 12357
Evacuation :
dependents of members of uniformed serv-
ices from danger area, authorize spe-
cial allowances—
law, 15775
reports, 12965, 17492
Evaluating growth performance of young
stands, 16324
Evaluation of differential classification tests
for ACB, 1673
Evaluation of one type of foldable tube,
2404
Evaluation of Vocational Potential Com-
mittee, Institute on Rehabilitation Serv-
ices, report, 5216
Evans, James C., commercialization studies
on wood-plastic combinations process,
11429
Evans, Sheldon, mechanism of electrode
demineralization, 6067
Evaporated milk, *see* Milk.
Evaporation :
oxidation of molybdenum at temperatures
at which its trioxide is volatile, 6472
pan and lake, maps, 5897
reduction-volatilization processes for re-
covery of manganese from ores, 6324
studies (series), 16359
study in humid region, Lake Michie, N.C.,
16359
tantalum-hafnium-carbon system, compu-
tational methods for calculation of
rates, 9429
Evaporators, sea water conversion, optimum
brine heater outlet temperature, 12053
Evapotranspiration, studies (series), 10643
Evasion and escape, 1640
Evensen, David A., nonlinear flexural vibra-
tions of thin circular rings, 2438
Evenson, R. E., irrigation water, etc., Lom-
poc subarea of Santa Ynez River basin,
4529
Everett, Wash., area wage survey, 2300
Every, Darlyne M. C. F., relief, 1898
Evidence :
admissibility of confessions, hearings,
13221
admissibility of slip laws and TIAS se-
ries—
law, 12824
reports, 5656, 16082
preserving, pertaining to assassination of
President Kennedy, law, 420
refusal to testify, compelling of testimony
and granting immunity in certain
crimes, amend U.S. Code, report, 16108
Ejven, Victor H., Federal probation, journal
of correctional philosophy and practice,
2954
Evolution :
division into 2 sexes, cybernetics view-
point, USSR study, 14846
molecular diseases, evolution and human
health, USSR study, 2200
Evvard, John C., wheel-flow gaseous-core re-
actor concept, 1244
Ewing, C. T. :
high-temperature properties of—
cesium, 1358
potassium, 1256
Examinations, classroom testing methods,
direct vs indirect assessment of knowl-
edge structures, 8193
see also Civil service—*also* types or sub-
jects of examinations.
Examiners, *see* Bank examiners.
Excavating machinery, Federal item identi-
fication guides for supply cataloging sup-
plements, 2932
Excavation :
Clay Bank in Gloucester County, Va.,
5040
general construction plan for sea-level
canal with nuclear explosives, 157
Isthmian sea-level canal, safety evalua-
tion for air blast, ground shock, throw-
out, and dust, 155
nuclear development program plan, 153
nuclear explosions, 154
on-site survey program, Isthmian Canal
studies, 158
Tutter's Neck in James City County, Va.,
12397
Excess property, *see* Surplus property.
Exchanges, Coast Guard manual, 12766
see also Foreign exchange.
Exchanges (international), *see* International
exchanges.
Excise taxes :
Interest equalization tax act on foreign
securities—
extend—
legislative history, 4150
Senate amdt., summary, 1881
impose, legislative history, 17398
IRS looseleaf regulations system, 860-861,
3169, 4564-65, 6071, 10681
reduction act of 1965—
legislative history, 1875
report, 543
summary, 1880
restore certain reductions—
hearings, 4151, 5804
law, 7032
summary, 7170
legislative history, 17399
reports, 5659, 5665, 7086
Senate amendments, summary, 8687
summary of bill as passed by House,
7211
see also names of items taxed.
Excitation (psychology) :
mathematical models, USSR study, 2232
Excitation curve, shells, random pressure
and statistical dependence effect of normal
mode response, 1180
Executive Corridor, painting exhibit at
Pentagon, 14213
Executive departments, *see* Government of-
fices—Government reorganization plans—
Government supplies.
Executive Office of the President :
appropriations, 1967—
hearings, 7115, 10322
law, 15699
reports, 8598, 11625, 13122
Executive offices, *see* Government offices.
Executive orders, *see* subjects.
Executive papers, Joint Committee on Dis-
position of reports, 504, 4089, 5633, 5639,
5667, 7082, 8606, 10118, 10168, 12947,
15836, 17210, 17224
Executive Seminar Center, Berkeley, Calif.,
general information, 14308
Executive Seminar Center, Kings Point,
N.Y., general information, 1755, 14309
Executives :
business and industrial, civil defense man-
agement special instructions, 17026
international corps from U.S. business
shows progress in Ghana, 14781
philosophy, problems, practices, bibliog-
raphic survey, 12656

INDEX 1966

- Exercise :**
 cardiac patients program, 16983
 cardiovascular responses following myocardial infarction, problems in aeromedical certification, 16982
 parotid fluid steriod and electrolyte responses, 8219
 physical, effects of during 4 weeks of bed rest on circulatory function in man, 8204
- Exfoliative cytology, see Cytology.**
- Exhaust nozzles, see Nozzles.**
- Exhaust plumes, see Jet plumes.**
- Exhibitions, USSR, national economic achievements, information and data-processing equipment exhibited, 2272 see also subject.**
- Exhibits :**
 Arts and Industries Building, Smithsonian Institution, guide map, 16824
 History and Technology Museum, Smithsonian Institution, guide map, 16825
 international, prospects for sales, etc., 13438
 Natural History Museum, Smithsonian Institution, guide map, 16826
 science, evaluation of existing criteria for judging quality, 8295
 USSR, industrial equipment reflects value of esthetics in working conditions, 2252
- Expansion (thermal) :**
 differential, provides pressure for diffusion bonding, 12311
- Expansion tubes :**
 Langley pilot model with hydrogen driver, performance, 11056
 performance, effect of area changes at primary and secondary diaphragm stations, 6459
 simulation, theoretical investigation, 12372
- Expansions in elliptic motion, 7952**
- Expenditures :**
 construction, employment effects, 13621
 consumer expenditures and income—
 rural farm population—
 north central region, 14117
 northeastern region, 15438
 southern region, 14118
 United States, 12590
 western region, 25, 12589
 rural nonfarm areas—
 north central region, 2289
 southern region, 2290
 United States, 6255
 western region, 2291
 urban and rural—
 north central region, 7662
 northeastern region, 10854, 12207
 southern region, 7663, 13591
 United States, 10857, 12208
 western region, 9205, 10856
 defense spending, community adjustment to reductions, 14207
 national health, 2566
 personal health expenses, 6588
 promotional, different levels, effect on sales of fluid milk, 4280
 spending and saving in urban and rural areas, 2293
see also subject for which expenditures are made.
- Expenditures of United States Government :**
 combined statement, 1965—
 departmental edition, 3722
 document edition, 4052
 for research and related activities abroad, cutting to plug dollar drain, report, 8621
 monthly statement, 3220
- Experiment stations, see names of stations.**
- Experimental medicine, see Medicine.**
- Experiments and experimentation :**
 design of experiments in Army research and testing, conference proceedings, 9886
- Experiments and experimentation—Con.**
 experimental statistics, handbook, errata, 7910
 hypodynamia, USSR experiment, 2228
 opportunities for participation in space flight investigations, change, 2449
 Experts, Bulgarian efficiency, awards, 14951
 Exploration of Sea, International Council, *see* Sea, International Council for Exploration.
- Explorations :**
 exploration assistance, questions and answers about Geological Survey program, 13406
 lunar, physics of moon, selected topics, 1243
 naval petroleum reserve no. 4 and adjacent areas, northern Alaska, 1944-53 (series), 12017
 petroleum, precise borehole gravimetry, 9017
see also Outer space.
- Explorer, see Satellites.**
- Explorer (USC&GSS) :**
 general information, 313
- Explosions :**
 accidental, missiles study, manual for investigators, 8304
 combustion and explosion, USSR study, 1044
 effectiveness of explosion of charges with air spaces in rock, USSR study, 6162
 Experimental Hall, Cambridge Electron Accelerator accident, July 5, 1965, investigation, report, 6865
 explosions and snow, 1639
 hazards of ammonium nitrate under fire exposure, 7718
 industrial, experience in using for crustal studies in transition zone from Siberian platform to Taymyr downwarp, USSR study, 14804
 origin and growth of cracks in solids as affected by charge design, USSR study, 6163
 physics, USSR studies, 100716, 13500, 14958
 Project Pre-schooner subsurface effects measurements, 14237
 research and technologic work, 15012
 shipyard hazards, maritime safety date, 16522
 underwater scaling exploding wires, 16754
see Mine explosions—Nuclear explosions.
- Explosive-expansion center-hold anchor, 4791**
- Explosive forming :**
 epoxy blanket protects milled part, 4866
 force of primacord grid forms large sheet metal parts, 4851
- Explosives :**
 and blasting agents, industrial, in United States, 1965, consumption, 16552
 demolition materials, Army, technical manual, 3835
 detonating in granite, end and axial methods, comparison, 2349
 driven pile, optimization study, 11397
 Federal item identification guides for supply cataloging, supplements, 2940
 in granite, comparative studies, 1164
 incindivity to coal dust, improved method for evaluating, 16573
 liquids, drop weight testing, 12254
 measurement of lateral pressure generated from cylindrical explosive charges, 2350
 nuclear radioactive contamination resulting from use for stimulating petroleum production, 1158
 research and technologic work, 15012
 secondary and priming, chemical-kinetic basis for differentiation, 7902
 series, engineering design handbook, 8229
- Exponential curves, see Mathematics.**
- Exponential functions, see Mathematics.**
- Export control act of 1949, see Exports.**

Export-Import Bank of Washington:
 act of 1945, as amended through Dec. 31, 1965, 13302
 appropriations, 1966, report, 545
 appropriations, 1967—
 hearings, 13014, 17568
 reports, 15915, 16159
 basic operations in long-term loans for capital equipment and emergency foreign trade loans (address), 10448
 financial statements, examination, report, 807, 1801
 loan and guarantee operations, report, 1797
Export trade, see Commerce.
Exporters, piggyback program, cooperative exporting, general information, 10031
Exports:
 agricultural, alltime record in 1964 by increased dollar sales, 628
 agricultural, from temperate and tropical zones, changes in prices and foreign exchange earnings, 7293
 Alabama products, expansion (address), 325
 by air, foreign trade report, 3001-3
 comprehensive schedule, 7524
 control, quarterly report, 2892
 current export bulletin, 2815
 dynamics of exporting (address), 14780
 expansion—
 Action Committee on Transportation, report, 7005
 addresses, 328, 336, 1768, 1778-79, 4016, 5540, 6996, 8419-20, 9050, 10013, 10684-685, 12769, 12787, 12792
 Commerce Dept. to carry out programs, hearings, 1929
 export market research (speech), 865
 export success story (periodical), 2898
 financing, Action Committee on Export Financing, report, 7003
 foreign trade reports, 2998-99, 8366
 foreign trade, summary reports, monthly, 3641-44, 3648
 how Commerce Department assists exporter (speech), 7525
 how Commerce Department helps sell around the world, 4026
 indirect export sales (speech), 6073
 licenses approved and reexportations authorized, list, 2896
 manufacturers' sales and orders, current industrial reports, 2817
 mutual defense assistance control act of 1951, report, 6631
 President's E award for export excellence—
 presentation to—
 American Creosote Works, Inc. (remarks), 12787
 American Institute for Foreign Trade (address), 326
 Bell & Howell Corp. (remarks), 10034
 Clinton Engines Corp. (remarks), 10035
 Cornelius Co. (remarks), 10043
 Douglass Aircraft Co., Inc. (remarks), 8434
 Honolulu Iron Works (remarks), 12793
 Ling-Temco-Vought, Inc. (remarks), 12791
 Oshkosh Motor Truck, Inc. (remarks), 11525
 Paul Masson Vineyards, 327
 Piper Aircraft Corporation (remarks), 355
 raising E Flag over West Penn Power Co. (remarks), 352
 profits low cost marketing aids, 4575
 sales promotion announcements, 2897
 small firms, marketing manual, 15323
 statistical classification—
 schedule B, 224, 3491
 schedule W, 8369

Exports—Continued
 taxation, Action Committee on Taxation, report, 7013
 total trade, summary reports, monthly, 3648
 trade by country, summary reports, monthly, 3643
 trade by customs district, summary reports, monthly, 3644
 trends (address), 7523
 U.S. commodities, as related to output, 6939, 17018
 U.S. Government action programs (address), 10689
 United States airborne foreign trade, customs districts by continent, summary report, 11481
 United States trade with major world areas, 15648
 working-day and seasonal adjustment factors and months for cyclical dominance (MCD), 3940
see also names or classes of articles exported.
 Exposure, weather resistance of porcelain enamels, 7-year test, 12380
see also Cold.
Expropriation:
 losses, tax treatment—
 law, 8460
 report, 8728
 Extension education, *see* Education.
 Extension of plane strain analysis, 17878
 Extension Service, Federal, *see* Federal Extension Service.
Extension work:
 agricultural, laws, compilation, 12847
 State services, need for ARS-USDA popular series publications, results of survey, 9795
 Extensometer automatically measures elongation in elastomers, 12324
Extraction (chemistry):
 lanthanides with tertiary amine, 13693
 manganese from Georgia amber ore by sulfuric acid-ferrous sulfate leaching process, 1163
 metal compounds from pyrazoline dithiocarbamates, 9546
 tungsten, from low-grade concentrates, by amine solvent, 17854
Extracts, see substances from which extracts are made.
 Extradition, treaty with Kenya, 6646
Extraterrestrial life:
 bibliography, 6362
 detection by optical rotatory dispersion, development of instrument, 9399
 Extrusion processes, high energy-rate extrusion, effect on structure and properties, 9378
Eyeglasses, see Spectacles.
Eyes:
 disorders, summary of research progress, 1313, 16809
 hazards demonstration, maritime safety data for shipyards, 4709
 human, simulated by optical projects to establish field of view, 4847
 ionizing radiation effects in nuclear-powered submarines, 14991
 irritation by hazardous substances, illustrated guide, 2051
 saccadic movements, visual and control aspects, 16594
 television ophthalmoscopy, workshop proceedings, 15297
 visual accommodation system in humans, 16612
see also Ophthalmology.
 Eyre, Dorothy, relief, 17070

F

F.A.A., *see* Federal Aviation Agency.
 F.B.I., *see* Federal Bureau of Investigation.

INDEX 1966

- F.C.A., *see* Farm Credit Administration.
 F.C.C., *see* Federal Communications Commission.
 F.C.S., *see* Farmer Cooperative Service.
 F.D.A., *see* Food and Drug Administration.
 F.D.I.C., *see* Federal Deposit Insurance Corporation.
 F.H.A., *see* Farmers Home Administration—Federal Housing Administration.
 F.N.M.A., *see* Federal National Mortgage Association.
 F.P.C., *see* Federal Power Commission.
 F.P.C. R series, 4379, 5940
 F.P.C. S series, 4380–81, 7373, 8903, 11926, 17655
 FAA, *see* Federal Aviation Agency.
 Faber, Fred L., present and alternative methods of pricing eggs, 4284
 Fabius, Ala., coal resources of area, Jackson County, Ala., 13680
 Fables, incunabula to modern picture books, bibliography, 7683
 Fabricated materials:
 metal products, census of manufactures, 1963, industry report, 6909
 nonmetallic, Federal item identification guides for supply cataloging, supplements, 2938
 textile products, census of manufactures, 1963, industry report, 6896
 Fabrication, *see* names of materials fabricated.
 Fabrics, *see* Textiles—*also* names of fabrics.
 Fabuss, Bela M.:
 calcium sulfate precipitation, 10673
 thermophysical properties of saline water systems, 12054
 Face, *see* Head.
 Facial disfigurement, rehabilitation problem, conference, 9758
 Facilities handbook series, 12453
 Facsimiles, rare historical maps, list of reproductions, etc., 17822
 Factor analysis, factoring to fit off diagonals, 9914
 Factories:
 factory operatives, assemblers, electroplaters, etc., employment outlook, 9237
 labor turnover, monthly release, 2906
 Factors in job-satisfaction, 14191
 Factory workers, *see* Labor.
 Facts for marketers (series), 6877–80, 8314–16, 9941, 14246
 Facts on aging series, 2623
 Factual campaign information, 4155, 11696, 17402
 Faculty (schools):
 and other professional staff in institutions of higher education, 7306
 consulting, college and university policies, practices, and problems, 9575
 Soviet medico-biological faculty, 2151
 see also Teachers.
 Fagerlund, Gunnar O., Olympic National Park, Wash., 5047
 Failure free systems, *see* Reliability (mechanical).
 Fair employment practices, *see* Discrimination in employment.
 Fair labor standards act, *see* Labor standards.
 Fair packaging and labeling act, *see* Packaging.
 Fairs:
 international, prospects for sales, etc., 13438
 trade, list of nations scheduling, 4574
 Faisal, King, of Saudi Arabia, American petroleum interests behind Faisal-Johnson discussions, USSR study, 13459
 Fajardo-Carpio, Arturo V. relief, 8702, 15675
 Falculina, *see* Microlepidoptera.
 Falke, Wilbert L., reduction-volatilization processes for recovery of manganese from ores, 6324
 Falkowski, Evelyn, Saturn illustrated 1957–65 chronology, 2450
 Fallout, *see* Radioactivity.
 Falls, safety dial, 1086
 Falter, Kenneth H., measurement of iodine-131 in bovine thyroids, 2535
 Families:
 American families in poverty, fact sheet, 1552
 Appalachian region, family chicken flock for Appalachia, 11355
 by type, 1965, population characteristics, 14270
 change, approaches to measurement, 14085
 consumer expenditures and income, cross-classification of family characteristics, urban and rural—
 north central region, 10855
 northeastern region, 12207
 southern region, 13591
 total U.S., 12208
 western region, 10856
 family care treatment of mentally ill, bibliography, 12551
 family counseling in rural community action, 11859
 family economics review, 2907
 family life patterns associated with poverty, 11319
 family planning—
 article, 11482
 one aspect of freedom to choose, 13418
 program, hearing, 14499
 white-nonwhite differences in U.S., 9029
 family status, Mar. 1965, population characteristics, 266
 family therapy, annotated bibliography, 7929
 farm—
 improving income and strengthening economic position (remarks), 5296
 mobilizing rural resources that will expand opportunities (remarks), 5297
 food for young families, 6764–66, 8157–59, 9826
 household and family characteristics, 7007
 income, 1965 median, 14277, 15592
 low-income—
 parent and family life education, 6942
 training home economics program assistants to work with families, 62
 upward bound, program to help youth achieve college education, policy guidelines, etc., 7284
 women's earnings, 2634
 poverty areas, population characteristics, 14272
 public assistance for dependent children, State cost standards for basic needs, Jan. 1965, revised table, 7343
 public welfare services, staff utilization—
 auxiliary workers, 11906
 social workers with differing levels of education, 11907
 research relating to children, studies in progress, 12734
 rural families, social security amendments of 1965, benefits, etc., 1971
 services under AFDC for children who need protection, caseworkers' manual for public assistance agencies, 1999
 Family courts, *see* Domestic relations courts.
 Family farms, *see* Farms.
 Family Services Bureau:
 fact sheet, 5902
 public assistance to help needy people, 10450
 publications, list, 683
 staff development, 1964 report, 5901
 Fankhauser, James C., comparison of kinematically computed precipitation with observed convective rainfall, 1537
 Fanning, John H., address, Nov. 30, 1965, 1322

Fans, *see* Ducted fans—Electric fans—
Mechanical fans.
Far East, *see* East (Far East).
Farallon National Wildlife Refuge, general
information, 14671
Farbriken Bayer, A.G., titanium dioxide
manufactured, notification of investiga-
tion, 8096
Fares, *see* Air carriers.
Farley, Kenneth R., determination of cesium
and rubidium by flame photometry, 15023
Farm buildings:
 building plans—
 cattle feeding rack for hay and silage,
 11362
 display stands for farm produce, 11360
 free-stall dairy system for 101 cows,
 16933
 3-bedroom, farmhouse, 56, 8151, 9824
 masonry construction, 54
 slab on grade, 5294
 2-bedroom farmhouse, masonry con-
 struction, 55
 cooperative farm building plan exchange
 (series), 54-56, 5294, 8151, 9824,
 11360-362, 12610, 14146, 15453-456,
 16932-933
 plumbing for farmstead, 6743
 plumbing repairs, 16924
Farm credit, *see* Agricultural credit.
Farm Credit Administration:
 appropriations, 1966, law, 418
 appropriations, 1967—
 hearings, 8648, 11787
 law, 15735
 reports, 8614, 13152, 17216
 audit reports, 5611, 6004
 circular, 4349
 laws, simplification—
 hearings, 5795, 13009
 law, 17094
 reports, 8738, 12942
 publications on farm credit cooperatives,
 4349
 report, 1964-65—
 departmental edition 10452
 document edition, 10098
Farm credit examiners, examination an-
nouncement, amdt., 15627
Farm equipment, *see* Farm implements and
machinery.
Farm houses, *see* Farmhouses.
Farm implements and machinery:
 agricultural machinery in 1964, uses,
 custom and exchange work, machine
 rental, 11368
 current industrial reports, 253, 2818
 equipment for applying soil pesticides,
 5284
 farm machinery and equipment, census of
 manufactures, 1963, industry statistics,
 8335
 Federal item identification guides for
 supply cataloging, supplements, 2933
 retail trade, employee earnings, 13611
 USSR industrial development, transla-
 tions, 3669
Farm income *see* Income.
Farm index (periodical), 2909
Farm labor:
 agricultural specialists, raising qualifica-
 tions, USSR decree, 6214
 developments, 2911
 employment and wage supplement, 2912
 hired farm workers under fair labor stand-
 ards act as amended in 1966, 18141
 hired workers, minimum wage, extending,
 study, 5220
 hired working force of 1965, statistical
 report, 16224
 housing, loans and grants, 12611
 injuries to young farmworkers, 14967
 Maine, importation into U.S., investiga-
 tion, hearings, 4130
 Michigan farm labor panel report, 2280
 migrant worker and his family under eco-
 nomic opportunity act, 7280
 July 1-Oct. 31, 1965 projects, 7281

Farm labor—Continued
 migratory problem in U.S., report, 14468
 monthly report, 2910
 new national program (address), 4697
 old-age, survivors, disability, and health
 insurance, farm workers under, 15332
 seasonal, year of transition, 1965 report,
 4701
 social security, employers tax guide, 2115
 status of agricultural workers under State
 and Federal labor laws, 4705
 switching from reliance on foreign work-
 ers to domestic workers (remarks), 4331
 youth publications, list, 10852
Farm legislation, *see* Agriculture.
Farm machinery, *see* Farm implements and
machinery.
Farm management, *see* Farms.
Farm mortgages, *see* Mortgages.
Farm prices, *see* Prices.
Farm products, *see* Agricultural products.
Farm Resources Research Advisory Commit-
tee, report and recommendations, 3770
Farm supply cooperatives, *see* Farmers co-
operative organizations.
Farm work, *see* Farm labor.
Farm workers, *see* Farm labor.
Farmer, Evelyn M., Department of Com-
merce publications, 1964 supp., 364
Farmer Cooperative Service:
 appropriations, 1967, hearings, 8648, 11787
 bulletin, reprints, 2000, 14589-592
 circular, 5908
 educational circulars, 684, 5909-10, 7347-
 48, 10453
 general reports, 4350-51, 8871, 14594,
 16254
 information series, 2001-2, 4352, 5911,
 11908, 13304
 publications, list, 11908
Farmers:
 agricultural cooperation, pioneer to
 modern, 14591
 disaster areas, permit to comply with
 acreage reduction agreements, report,
 1829
 examination announcement, discontinu-
 ance notice, 8397
 facts for prospective farmers, 12599
 farmer and consumers, agricultural mar-
 keting, vital link, 6753
 farmer committee administration of agri-
 cultural programs, 6725
 farmers and their debts, role of credit in
 farm economy, 11862
 farmers under old-age, survivors, disabil-
 ity, and health insurance, 15332
 financial calculations and physical meas-
 urements, handbook, 16919
 gas tax credit, 14775
 income gains made since 1960, statement,
 14154-157
 publications, list, 843
 self-employed—
 getting social security credit, 1467
 reporting income for social security,
 special information, 9655
 skill of our farmers again looked upon as
 unmixed blessing (summary of re-
 marks), 6782
 social security amendments of 1965, bene-
 fits, etc., 1971
 social security, farm rental income, 18100
 social security information, 6604
 tax deduction from gross income for as-
 sessments for depreciable property levied
 by soil or water conservation or drainage
 districts, reports, 17334
 tax guide, 2117
 see also Farmers cooperative organiza-
 tions.
Farmers' bulletins, 32-35, 1583-84, 6742-44,
8145-46, 9817, 11350-351, 12599-600,
14135-136, 15442-444, 16923-924

INDEX 1966

Farmers cooperative organizations:
 and patrons, per-unit capital retains, tax treatment, 4352
 approaches and problems in merging, 13304
 bargaining, Agriculture Department's interest (remarks), 5289
 citrus cooperatives, Florida, pooling following 1962 freeze, 14142
 cooperatives-partners in American life, 1965 observance, proceedings, 14593
 costs and practices in operating bulk-feed trucks, 4351
 directors—
 democratic election, 5909
 training programs, 5910
 discrimination against members, hearings, 13190, 16168
 farmers use member-owned cooperatives extensively, general information, 2002
 losses in transporting and handling grain, 14143
 membership, should requirements be tightened? 10453
 news for farmer cooperatives, 3270
 reprint, 14595
 partners in American life, 2001
 publications, 685
 regional farmer cooperatives, financial structure, 8871
 statistics, 14594
 what members should know, 684
 women and cooperatives (talks), 5911
 Farmers Home Administration:
 appropriations, 1967, hearings, 8648, 11787
 consolidated act of 1961, amend—
 hearings, 4210, 17355
 law, 17126
 reports, 12983, 16153, 17315
 farm mortgage lending experience, 14547
 insured loans—
 information for lenders, 3763
 payment of installments—
 law, 17126
 reports, 12983, 16153
 land conveyance to Skyline Churches Cemetery, 17183
 loans and grants for farm labor housing, 12611
 loans on leased lands in Hawaii, authorize—
 law, 15756
 reports, 11768, 14398
 opportunity loan program, general information, 8161
 procedures for determining whether loan applicants are unable to obtain financing from private or cooperative credit sources, need to strengthen, GAO report, 4500
 recreation facilities and services operated by PHA borrowers, 14541
 strengthens family farms, etc., 8160
 valueless liens, etc., release, report, 17315
 Farmhouses:
 farm building plans—
 3-bedroom farmhouse 56, 8151, 9824
 masonry construction, 54
 slab on grade, 5294
 2-bedroom farmhouse, masonry construction, 55
 Farming, *see* Agriculture.
 Farms:
 Agriculture Dept. provides year-round fun, publications list, 6775
 commercial, costs and returns, long-term study, 1954-63, 8167
 conservation plan, what it is, 1596
 cost situation, 1966 outlook issue, 629
 costs and returns, 621, 10412, 14530-533
 commercial, by type, size, and location, 12597
 commercial Corn Belt, 14533

Farms—Continued
 costs and returns—continued
 commercial egg-producing farms, New Jersey, 14532
 commercial tobacco farms, coastal plain, North Carolina, 10412
 commercial tobacco-livestock, Bluegrass area, Ky., 14531
 commercial wheat farms, Pacific Northwest, Southern and Northern Plains, 14530
 family, Farmers Home Administration strengthens, 8160
 farm policy (address), 3741
 farms and farmland, 1964 frequency distribution, 5279
 flooded, first aid, 3743
 land in farms, U.S. 1959-66, by States, 1964-66, 6662
 management, publications, price list, 5100
 number in U.S. 1959-66, by States, 1964-66, 6662
 population—
 1965 estimates, 14537
 1965, United States, 8358
 series Census ERS, 8358
 production and efficiency changes, summary report, 12614
 program, food and agriculture act of 1965—
 law, 423
 questions and answers relating to consumers, 36
 radioactive fallout defense, 33
 real estate—
 market developments, 7292, 14548
 taxes, recent trends and developments, 1973
 safety week, 11364
 United States, diversity of change, 1964 (text of remarks), 3941
 watershed work begins on farm, 6763
 wheat allotments, statistical analysis by states, etc., 1964, 27
 wild ducks on farmland in South, 8146
see also headings beginning Agricultural—
 Farm.
 Farmsteads, *see* Farm buildings.
 Farnes, P. E., water supply outlook and Federal-State-private cooperative snow surveys for Montana, 3690
 Farnworth, Virginia M., marketing bill for cigarettes, 622
 Farrar, John, nucleation and growth of ice crystals, 4552
 Farrell, Donald F., relief, 5728, 7026
 Farrell, James L., attitude determination by Kalman filtering, 16608-609
 Farrior, Gilbert M., diborides in pseudobinary system TiB₂-CrB₃ electrical properties, 1162
 FAS-M series, 2054-55, 4432, 5970, 8948, 10551, 11989, 13352-354, 16319, 17680
 Fascell, Dante B., report on activities of International Cooperation Year, 11655
 Fascenelli, Frederick W., maxillary sinus disease in aviators, 9862
 Fast announcement (periodical), 2913
 Fast reactors, *see* Reactors (atomic).
 Fasteners, *see* Bolts and nuts—Fastenings.
 Fastenings:
 fastener distributes stress evenly from sandwich-panel hung items, 1233
 flexible fastener effects airtight material closure, 13740
 space vehicles fasteners and fastener materials, evaluation, 4814
 threaded, nickel/tin coating protects in corrosive environment, 2402
 Fasting, ameliorative measures in subarctic survival situations, 5313
 Fat, *see* Fats.
 Father Flanagan's Boys' Home of Boys Town, Nebr.:
 memorial to founder, authorize—
 law, 1787
 reports, 492, 1925

- Father Marquette Tercentenary Commission, creates, report, 1841
- Father's Day:
designate—
law, 11559
report, 11761
- Fatigue:
phase shift of human circadian system and performance deficit during periods of transition—
East-West flight, 8308
North-South flight, 9936
West-East flight, 11446
- Fatigue of materials, *see* Strains and stresses.
- Fats:
census of manufactures, 1963, industry statistics, 8329
current industrial reports, 2817
fats and oils situation, 2914
foreign agriculture circulars, 2987
human body fat, measured by water displacement of adult male, 14235
outlook (talk), 4290
- Fauconneau, Guy, eigenvalue problem for beams and rectangular plates with linearly varying in-plane and axial load, 15056
- Faulkner, Rafford L.:
remarks—
May 6, 1966, 8299
Sept. 8, 1966, 14240
- Faults (geology):
Hayward fault zone, Calif., tectonic creep, 4517
- Fauna, Fauna series, 13880
see also Marine fauna.
- Fava, James A., availability of scientific journals in defense oriented libraries, 12626
- Fay, William T., paper, Apr. 18, 1966, 9966
- Fayette County, Ala., soil survey report, 8031
- Fazar, Willard, address, Jan. 24, 1966, 15561
- FBI, *see* Federal Bureau of Investigation.
- FCA, *see* Farm Credit Administration.
- FCC, *see* Federal Communications Commission.
- FCR series, 621, 10412, 15430-533
- FCS, *see* Farmer Cooperative Service.
- FDA, *see* Food and Drug Administration.
- FDA memo for consumers, CM (series), 2049, 5968, 8946, 10545
- FDA poster series, 13351
- FDIC, *see* Federal Deposit Insurance Corporation.
- FDL (series), 8940, 11968-971, 14652
- Fear in America today (remarks), 12788
- Featherston, Paul E., portable field cage for mass culturing aphid parasites, 9774
- Feces, normal fecal bacterial flora of man, study, 10942
- Fecundity, fertility of population, June 1964 and Mar. 1962, 3926
- Federal agencies, *see* Government offices.
- Federal aid, *see* Grants-in-aid.
- Federal and State enabling legislation for fruit and vegetable marketing orders, 17949
- Federal assistance in outdoor recreation available to States, their subdivisions, organizations, individuals, 11165
- Federal Aviation Administration, establish, reports, 11634, 12973, 16158, 17291
- Federal Aviation Agency:
air traffic activity, report, 1965, calendar year, 5913
air traffic control operations, hearings, 11658
airmen, other than flight crewmembers, certification, Federal aviation regulations, 7353, 10461-462, 11913, 14604, 16262
airport traffic control towers at low-activity airports, savings by use of conventional design, GAO report, 12007
airspace advisory for Project Sulky, 16975
- Federal Aviation Agency—Continued
airworthiness directives, 2671
biweekly, 2903
large aircraft, summary, 3554, 10470
small aircraft, summary, 3555, 10471
appropriations, 1966, supplemental, 17157
appropriations, 1967—
amendment, proposal, 7071
hearings, 8651, 13193
bibliographic list, 17645
consolidated listing of FAA certificated repair stations, 11980
contractions used in air traffic control, etc., handbook, 9878
definitions and abbreviations, Federal aviation regulations, 5916, 8875-76
descriptors thesaurus, 4363
economies from making electron tubes available to other Government users, GAO report, 7466
employees, contractor-furnished, savings through payment of relocation costs, GAO report, 5987
enforcement procedures, regulations, 13306
examination guide, ground instructor, instrument, 2048
FAA handbook series, 2003, 5914-15, 7349, 8872-74, 10456, 16255-256
FAA in action for you, picture story, 10469
Federal-aid airport program handbook, field operations procedures, 5914
Federal aviation regulations, 686-693, 2005-9, 3554-55, 4354-60, 5916-22, 7350-57, 8875-88, 10459-468, 11909-913, 13306-310, 14599-617, 16257-265, 17646-648
status, 4362, 7357, 14618
field facility directory, 4361
flight standards career planning handbook, 2003
general aviation inspection aids, summary, 16266
historical fact book, 1926-63 chronology, 10458
medical research on aging of aviation personnel, GAO review, 8996
military aircraft parts, savings through use, GAO report, 5985
merit promotion program handbook, 10456
publications, 13305
report, 10457
rule making procedures, FAA regulations, 16257
statistical handbook of aviation, transfer—
hearings, 8774, 10246, 10346, 11809, 13040, 13212
message from the President, 5617
reports, 11634, 12973, 16158, 17291
Federal Aviation Agency Academy, Okla., catalog, 14598
Federal Banking Commission, establish, hearings, 1848
Federal buildings, *see* Public buildings.
Federal Bureau of Investigation:
agents, employment outlook, 9238
general information, 7359
Federal career directory, guide for college students, 8400
Federal civil defense guides, 1745-46, 3963-64, 5509, 6954-57, 9983-86, 12739-740, 15619-620, 17020-22
Federal civil service, *see* Civil service.
Federal Coal Mine Safety Board of Review:
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10281
members, nominations, hearing, 17594
reconstitute—
law, 7040
report, 5784

INDEX 1966

Federal Communications Commission:
actions in docket cases, reports, 2916
actions on motions, reports, 2916
annual report, 4364
appropriations, 1967, hearings, 8651,
13193
authority to regulate CATV, hearings,
10250
decisions and reports—
bound volumes, 694, 5924, 13313
periodical, 2918
decisions, reports, public notices and other
documents (periodical), 2917
domestic public radio services, rules and
regulations, 13314
international fixed public radiocommuni-
cation services, rules and regulations,
13314
jurisdiction over radio signals, etc., pro-
hibit, hearings, 10250
maritime services, radio stations on land,
shipboard, etc., rules and regulations,
2922
memorandum opinions, etc., 3190
nomination of Robert T. Bartley, hearings,
4215
nonbroadcast and general actions, reports,
2916
organization, FCC rules and regulations,
2919
practice and procedure, FCC rules and
regulations, 2919
press releases, 3362
public notices, 2916, 3362
regulate devices which emit frequencies
harmful to radio reception, report,
10314
regulatory and enforcement activities re-
lating to small business, hearings, 15991,
17395
rules and regulations, 2012
transmittal sheets, 2919-27
satellite communications, rules and regu-
lations, 13314
Federal coordinator offices:
establish—
hearings, 8659
message from the President, 5605
summary of bill, 8664
Federal Council on Science and Technology:
COSATI subject category list, DoD-modi-
fied, 1963
report, 1963-64, 2550
Federal credit unions:
act, amended to July 2, 1964, Spanish
edition, 2013
anniversary, 31st, 14622
completing organization, guide, 4366
credit manual, revised pages, 11914
handbook, revised pages, 4367-68, 8890
membership, benefits from, general in-
formation, 13315
money worries? credit union can help, gen-
eral information, 695
report, 1965, 14622
supervisory committee manual, 8891
Federal Crop Insurance Corporation:
appropriations, 1967, hearings, 8648,
11787
financial statements, 1965, GAO examina-
tion, 4065, 4493
Federal Deposit Insurance Corporation:
annual reports, 4369, 10472
audit reports, 6005, 7063
Board of Directors, member, nomination
of William W. Sherrill, hearing, 5800
Board of Directors to consist of 3 ap-
pointive members—
hearing, 8658
report, 10137
insured banking offices, list, 8892
supplements, 3155
press releases, 3363
regulatory authority, strengthen—
hearing, 11794, 15963
report, 16101

Federal Deposit Insurance Corporation—
Continued
report of call, 696, 14624
symbol of confidence, history, functions
and operations, 13316
Federal Development Planning Committees
for Alaska:
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10281
Federal disaster assistance, 4322
Federal employees, *see* Government officials
and employees.
Federal employees' compensation act, *see*
Employers' liability and workmen's com-
pensation.
Federal employment, *see* Employment.
Federal executive policy governing reporting
of recreation use of Federal recreation
areas, 11175
Federal expenditures, *see* Finance.
Federal Extension Service:
appropriations, 1967, hearings, 8648,
11787
Extension Service review (periodical),
2902
what it does, time invested, and whom it
serves, 14626
Federal Fire Council:
films and slides for safety programs, list,
14741
fire experience, 16353
library accessions, list, 3152
minutes of meetings, 13388, 16352
periodicals received, list, 4509
Federal focal point in outdoor recreation,
16774
Federal funds for research, development, and
other scientific activities, 17964
Federal Government, *see* Government.
Federal grading services, *see* Grading of com-
mercial products.
Federal Highway Administration, establish,
reports, 11634, 12973, 16158, 17291
Federal Home Loan Bank Board:
appropriations, 1967, hearings, 8651,
13193
audit reports, 470, 14721, 17164
digest, 2929
member, nomination of Robert L. Rand,
hearing, 17573
press releases, 3364
regulatory authority, strengthen—
hearings, 11794, 15963
report, 16101
report, 13317
Federal Home Loan Bank System, combined
financial statements, 1964, members of
System, 7362
Federal home loan banks:
audit reports, 806, 1800
financial statements, 1965, GAO examina-
tion, 14385, 14722
operations, report, 13317
Federal Hospital Insurance Trust Fund,
Board of Trustees, *see* Board of Trustees
of Federal Hospital Insurance Trust Fund.
Federal Housing Administration:
accounting manual for acquired properties,
4370
consumer bulletin, 7368
current money market, mortgage insur-
ance operations, hearing, 5686
FHA and home-buying serviceman, 698,
13319
FHA housing for the elderly, projects and
people, 11924
FHA quick guide for buying a home, 7366,
13322
FHA regulations, 4374-76, 5936-37, 7367,
8897-98, 11918-921
financial statements, 1964, GAO examina-
tion, 6007
financial statements, 1965, GAO examina-
tion, 7065

Federal Housing Administration—Continued financing for home purchases and home improvements, consumer bulletin, 5935, 14629
 Spanish edition, 2017
 forbearance provisions, consumer bulletin, Spanish edition, 7365
 home mortgage insurance—
 area trends, 4371, 10473
 consumer bulletin, 2015, 11917
 State trends, 4377, 10475
 insurable loans, digest, 7364
 minimize rental delinquencies on acquired properties, GAO report, 4499
 minimum property standards for urban renewal rehabilitation, 16272
 mortgage insurance approval for housing project for elderly—
 Fort Worth, Tex., GAO report, 6021
 Houston, Tex., GAO report, 6022
 mortgage insurance for high-rise multi-family housing project, Newark, N.J., approval, GAO report, 6003
 nursing-home mortgage insurance, 13321
 press releases, 3365
 repair practices rel. to single-family properties acquired through mortgage insurance programs, GAO review, 12005
 savings by discontinuing liability insurance on acquired property, GAO report, 14729
 technical studies, list, 10474
 title 10, mortgage insurance, land development handbook, 11922
 travel handbook, manual, 13320
 wood products used in single-family houses inspected by FHA, 6779
 Federal Interdepartmental Task Force on Potomac, interim report to President, 4549
 Federal intermediate credit banks:
 debentures issued, delete interest rate limitation—
 law, 17109
 reports, 17206, 17463
 Federal item identification guides for supply cataloging, 4252-53, 5850
 supplements, 2930-40
 Federal item identification guides improvement program, general conference, 11848
 Federal Land Bank Month, designate, report, 11759
 Federal land banks:
 farm mortgage lending experience, 14547
 medal in commemoration of anniversary, report, 11772
 Federal Library Committee:
 library vacancy roster, 9344
 newsletter, 2979
 Federal manual for supply cataloging, 603-605, 4244
 Federal Maritime Administration:
 establish—
 hearings, 15984
 reports, 11634, 12973, 15873-874, 16158
 Federal Maritime Commission:
 appropriations, 1967—
 hearings, 15955
 reports, 15938, 17539
 authority to exempt water carrier operations from certain provisions of shipping act, 1916, reports, 14456, 17293
 commissioners, provide 5 year terms, report, 1915
 decisions—
 bound volume, 17653
 separates, 2843
 five ways FMC contributes to American merchant marine (remarks), 10476
 orders, notices, rulings and decisions, 3301
 powers and responsibilities, summary (remarks), 8902
 press releases, 3366
 REA Express, research collaboration, staff study, 4583

Federal Maritime Commission—Continued regulatory functions in country's commerce (address), 700
 regulatory responsibility (remarks), 10477
 regulatory system (remarks), 5938
 report, 1965—
 departmental edition, 2020
 document edition, 1799
 rules of practice and procedure in proceedings under shipping act, etc., and related acts, 11925
 SP series, 700-702, 4378, 5938-39, 7369-71, 8901-2, 10476-477, 14633-634, 17654
 transfer, hearings, 8774
 Federal Mediation and Conciliation Service:
 appropriations, 1967—
 hearings, 8650, 14472
 reports, 8626, 16151
 employment opportunities, mediator positions, 10478
 report, 14635
 Federal Metal and Nonmetallic Mine Safety Board of Review:
 create—
 law, 15750
 report, 16072
 Federal mutual savings bank act, *see* Banks and banking.
 Federal National Mortgage Association:
 current money market, mortgage purchase activities, etc., hearing, 5656
 increase borrowing and purchasing authority—
 law, 17100
 reports, 15846, 17217, 17464
 press releases, 3367
 trust agreement with SBA to sell loan pool participation certificates—
 hearings, 8662-63, 8681, 10267
 reports, 5785, 8615
 trustee for sale of participations, authorization, 1967, proposal, 11697
 trustee, permit sale of loan pool participation certificates to private investors—
 hearings, 8681, 10236, 10267, 10331
 law, 10080
 message from the President, 8505
 remarks, 9752
 reports, 8616, 8746, 10145
 Federal news clip sheet, 2942
 Federal Old-Age and Survivors Insurance and Federal Disability Insurance Trust Fund, *see* Board of Trustees of Federal Old-Age and Survivors Insurance Trust Fund and Federal Disability Insurance Trust Funds.
 Federal personnel manual, *see* Civil service.
 Federal planning, *see* Economic policy.
 Federal Power Commission:
 act, amend, hearings, 17576-577
 appropriations, 1967, hearings, 8651, 13193
 daily news digest, 3268
 jurisdiction, exempt nonprofit cooperatives, clarify, hearings, 19131
 member, nomination of Lee C. White, hearing, 7208
 organization and work, informal explanation, 11927
 practice and procedure rules, 2953, 7382
 press releases, 3368
 principle electric facilities, maps (series), 7374-81
 publication list, 5941
 R series, 4379, 5940
 regulations under Federal power act, 3460
 regulations under natural gas act, 726
 report, 1965—
 departmental edition, 7372
 document edition, 7053
 report, safety of interstate natural gas pipelines, 8770
 reports, opinions, decisions, and orders—
 bound volume, 10479
 monthly, 2952

- Federal Power Commission—Continued
 - S series, 4380–81, 7373, 8903, 11926, 17655
 - water resource appraisals for hydroelectric licensing, planning status reports, 4384–87
- Federal Prison Industries, Inc., financial statements, 1965, GAO examination, 4494
- Federal probation (periodical), 2954
- Federal procurement regulations—
 - FPR amendments, 2955
 - temporary regulation, 813
- Federal programs that provide jobs and job training, 7640
- Federal property, *see* Public property.
- Federal Radiation Council:
 - appropriations, 1967—
 - hearings, 8650, 14472
 - reports, 8626, 16151
 - protective action guides, hearings, 4038
- Federal Railroad Administration, establish, reports, 11634, 12973, 16158, 17291
- Federal register, 2956
 - codification guide, list of CFR sections affected, 2958
 - index, 2957
- Federal regulations, *see* Code of Federal regulations—*also* subjects.
- Federal Republic of Germany, *see* Germany.
- Federal reserve agents fund, transactions, 3069
- Federal reserve banks:
 - condition, weekly statement, 2905
 - direct purchase of U.S. obligations, extend authority—
 - law, 12821
 - reports, 11748, 15840, 15845
 - Government bonds held, retirement of \$30 billion interest-bearing obligations, hearings, 15964
 - hours, opening and closing, and holidays, 3289
 - interdistrict settlement fund, transactions, 3069
 - reserves in gold certificates against deposit liabilities, eliminate requirement, report, 1820
 - State member banks, 1965, list, 4392
 - see also* other headings beginning Federal reserve.
- Federal reserve bulletin, 2959
- Federal reserve chart book, financial and business statistics, 2960
 - historical supplement, 16279
- Federal reserve member banks:
 - assets and liabilities—
 - monthly report, 2695
 - summary report, 2696
 - changes in State bank membership, weekly announcement, 2743
 - condition, weekly statement, banks in leading cities, 2779
 - revision, 16285
 - demand deposits, currency, etc., 2848
 - deposits, reserves, and borrowings, semi-monthly report, 2853
 - Federal Reserve float (statement), 4393
 - loans, 3188
 - maximum interest payable on time and saving deposits, regulation Q, supplement, 734, 17661
 - reserves and credit, weekly averages, 2905
 - reserves of member banks, regulations—
 - amendment, 11948
 - supplements, 11949, 14639
 - State member banks, list, 4392
 - supplements, 3535
- Federal reserve notes:
 - unfit for circulation, destruction—
 - hearing, 7127
 - law, 10078
 - report, 8617
 - subcommittee report, 7128
- Federal reserve par list, 2961
- Federal reserve system:
 - check clearance float, hearing, 7146
- Federal reserve act, amend—
 - hearing, 14476
 - law, 15764
 - reports, 12976, 16131
- foreign exchange operations, 7421, 17663
- membership (remarks), 10513
- State banking institutions, membership, regulations, 16284
- Federal Reserve System Board of Governors:
 - applications received, or acted on, during week, 2683
- Federal Reserve's role in economy (remarks), 728
- hours, opening and closing, and holidays, 3289
- member, nomination of Andrew F. Brimmer, hearing, 5800
- portfolio, statements, 4041
- press releases, 3369
- recent action and economic policy coordination, hearings, 5596
 - print additional copies, reports, 7194, 10188, 10211
- regulation series, 734, 4391, 8925, 11948–951, 14639–642, 16284, 17661
- regulatory authority, strengthen—
 - hearings, 11794, 15963
 - report, 16101
- report, 1965 operations, 8922
- research library, recent acquisitions, 3470
- statistical releases, 2700
- Federal Salary Review Commission, establish, law, 403
- Federal savings and loan associations:
 - combined financial statements, 1964, summaries of conditions and operations, 5932
 - operations, report, 13317
 - rules and regulations, 8894
 - changes, 17652
- Federal Savings and Loan Insurance Corporation:
 - appropriations, 1967, hearings, 8651, 13193
 - insured savings and loan associations, average annual dividend rates paid, 14627
 - operations, report, 13317
 - regulatory authority, strengthen—
 - hearings, 11794, 15963
 - report, 16101
 - savings and loan associations, insured savings and mortgage activity, selected balance sheet items, 3010
- Federal seed act, 14510
- Federal service, *see* Civil service.
- Federal ship mortgage insurance fund, financing of ship construction, reconstruction, etc., 2310
- Federal specifications, *see* Government supplies.
- Federal standards, 736–737, 4395–96, 7423, 10516, 11953–955, 14644, 16289, 17665–667
 - index, 7426
- Federal-State Crop and Livestock Reporting Service, 100 years, 1866–1966, crop and livestock reports, development and progress, chronology, 15378
- Federal-State-local relations, *see* Intergovernmental relations.
- Federal statistics, decade of progress, remarks, 15644
- Federal Supplementary Medical Insurance Trust Fund, Board of Trustees, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.
- Federal supply catalogs, 4254–56, 5851, 8809–11, 17611
- Federal supply classification handbook:
 - alphabetic index, 4243
 - groups and classes, 1960
- Federal supply code, *see* Government supplies.

Federal Supply Service :
 fire safety personnel, Federal Fire Council, minutes of meeting, 13388
 general information, 8930
 Federal tax policy, *see* Taxation.
 Federal test method standards, 4397, 7424, 14645
 Federal textbook on citizenship, 2110, 4543-44, 6050-52, 7502-4
 charts, 6053
 Federal Trade Commission :
 appropriations, 1967, hearings, 8651, 13193
 decisions (separates), 2969
 industry conference on marketing automotive gasoline, hearings, 4146
 news summary, 2970
 press releases, 3370
 regulatory and enforcement activities relating to small business, hearings, 15990
 report, 1965—
 departmental edition, 8931
 document edition, 8490
 says, elderly people, investigate, stop, look, 11958
 statutes and court decisions, 1964 supplement, 11959
 trade practice rules, proposed, 3424
 Federal wage-hour law, *see* Labor standards.
 Federal Water Pollution Control Administration :
 establish, hearings, print additional copies, report, 5758
 transfer—
 hearings, 8669, 10350
 message from the President, 5613
 report, 8639
 Federation of South Arabia, *see* South Arabia, Federation of.
 Federer, C. Anthony, sustained winter streamflow from ground melt, 8957
 Federman, Philip, communications as measurable index of team behavior, 1350
 Feed, *see* Food for livestock—Food for poultry—also other headings beginning Food.
 Feed grains, *see* Grain.
 Feed-through connector withstands high temperatures in vacuum environment, 2379
 Feed water, quality improvement, Webster, S. Dak., electrodialysis plant, pilot study, 14773
 Feedback control systems, quasi-optimum techniques, study, 15043
 Feedback delay, *see* Time delay.
 Feedback loop compensates for rectifier non-linearity, 15112
 Feeders, portable hog feeders from red oak lumber, 10591
 Feeding, *see* Emergency mass feeding.
 Feeding young children, 6764
 Feedlots, cattle, size groups, number, 15383
 Feely, Herbert W., flight data and results of radiochemical analyses of filter samples collected during 1963 under Project Stardust, 8282, 9919
 Fees :
 attorneys, for services rendered in proceedings before administrative agencies, arbitrary limitations, remove—
 hearing, 11819
 report, 13124
 bankruptcy, amend act to give court supervisory power, report, 5774
 brokers', for VA property management—
 law, 17121
 reports, 5650, 16143
 collection for services under navigation laws, hearing, 10333
 Copyright Office, increase, law, 399
 establish, for abstracts of medical records furnished by PHS to private parties, GAO report, 14727
 foreign countries for visa of United States passports, 8060

Fees—Continued
 grazing, effects on incomes of western livestock ranches, 4279
 natural resources user charges, study, 3867
 navigation, flood control, etc., projects, prohibit charges—
 hearings, 10263
 report, 10154
 outdoor recreation—
 questions and answers, 9602
 regulations, 13431
see also Talent fees.
 Fehlberg, Erwin, one-step integration methods applied to problems in celestial mechanics, 16708
 Feistner, Arlan R., capacity of refrigerated warehouses in United States, 18127
 Feitler, Stanley A., minerals industry of New York, 2337
 Feiveson, Alan H., generation of random sample-covariance matrix, 4951
 Feldman, Herman, relief, 15797
 Feldspar :
 feldspar and related minerals, mineral industry survey, annual, 12233
 minerals yearbook chapter, 15005
 potash, economic value, Barstow formation, San Bernardino County, Calif., 2094
 Feldt, E. D., consolidation of snow, 8241
 Fellowships :
 Community Health Services Division, research and research training grants and fellowship programs, 1433
 elementary and preschool child development specialists training—
 hearings, 5689
 report, 5676
 experienced teachers, elementary and secondary, for graduate study, program, 7305
 Fulbright-Hays graduate, overseas projects in education, 16233
 higher education act of 1965, prospective teacher graduate programs, 1966-67, 11880
 national defense, 1966-67 graduate programs, 4312
 National Science Foundation, 1965, 2475
 NIH staff fellowship program, 16804
 nursing research, 12464
 postdoctoral research, Public Health Service program, 12474
 Public Health Service grants, 1965 funds, 6490
 water pollution control research and training grants 1965 awards, list, 1446
 Felsic rocks, *see* Rocks.
 Felsing, William A., jr., proceedings of Joint Sanitation Seminar on North Pacific Clams, 13984
 Felt, current industrial reports, 2818, 3922
 Felton, Jean S., survey of medicine and medical practice for rehabilitation counselor, 12554
 Femia, Maria G., relief, 1888
 Feng, Paul Y., radiation synthesis involving halogen compounds, 15529
 Fengtien, Manchukuo, *see* Mukden, Manchuria, China.
 Fenn, David B., steady-state performance of modified Rankine cycle system using water, 6470
 Fenton, R. H., pre-commercial thinning not recommended for Virginia pine stands in southern Maryland, 4443
 Feole, Maria G. I., relief, 128894, 14363, 16044
 Ferdinando Po, Equatorial Guinea, background notes, 16847
 Ferguson, Charles R., nomination, hearing, 17594
 Ferguson, Francis, Divine comedy, as a bridge across time (lecture), 2306
 Ferguson, H. K., Company, conceptual design of 50 MGD desalination plant, 847

- Ferguson, Jack H., dental kit encasement for use on extraterrestrial missions, 9872
- Ferguson, James K.:
foreign trade regulations of—
Chile, 4008
Uruguay, 7011
- Fernandez-Bravo y Amat, Alberto, relief, 16060
- Fernandez-Conde, Augusto J., relief, 15833
- Fernandez Marino, Vicente, relief, 17457
- Fernandina Beach, Fla., port, 13294
- Ferrando, Maria Jordan, *see* Jordan Ferrando, Maria.
- Ferrante, F. L., cardiovascular responses of diving and nondiving mammals to apnea, 8214
- Ferrero, Edward P., analyses of 38 crude oils from Africa, 10910
- Ferri, Esther, radionuclide analysis of large numbers of food and water samples, 12465
- Ferris, Eleanor, shopper's guide to U.S. grades for food, 3750
- Ferris-Prabhu, Albert V. M., relief, 13095
- Ferrites:
laminated ferrite memory, 9393
thin film, vapor deposition by one-step process in vacuum, 15128
- Ferroalloys, ores, census of mineral industries, 1963, industry report, 11457
- Ferrobacillus ferrooxidans, use in copper extraction from low-grade ore, environmental and nutritional factors, effect, 4795
- Ferroelectrics, bolometer measures RF absolute power at submillimeter wavelengths, 6377
- Ferromagnetism, *see* Magnetism.
- Ferromanganese:
exchange from supplemental stockpile—
law, 17097
report, 17466
- Ferrosilicon, mineral industry survey, quarterly, 2973
- Ferrous metals:
oxygen determination in standard reference materials 1090, etc., 16714
scrap, use in magnetic roasting of iron ores, 7716
- Ferrous molybdate, low-temperature heat capacities and entropies, 10920
- Ferrous oxide, reduction of wustite at high temperatures, 4794
- Ferrous tungstate, low-temperature heat capacities and entropies, 10920
- Fertility, *see* Fecundity.
- Fertilization of plants, hand-pollinate yellow-poplar without climbing, 10587
- Fertilizers:
chemical and fertilizer mineral mining, census of mineral industries, 1963, industry statistics, 11459
commercial, consumption in U.S., 14161, 16370
development, TVA, 6670
helicopter fertilizing of foothill range, 17694
manure tank, circular concrete, 15453
publications, price list, 1405
situation, 8141
storage shed, 40 ton capacity, 14146
use in U.S., economic position and outlook, 11861
- Fetal death, *see* Still-birth.
- Feth, J. H., selected references on saline ground-water resources of United States, 2093
- Feuer, Roza, relief, 17409
- Fever, *see* names of fevers.
- Ffolliott, Peter F.:
evaluating multiproduct potential in standing timber, 4474
inventory system for multiple use evaluations, 7462
- FG series, 289-290, 6958, 12741-742, 14289, 15621-622, 17023-26
- FHA, *see* Farmers Home Administration—Federal Housing Administration.
- FI JCT., Ill., railroad accident, 12070
- Fiber stresses, *see* Strains and stresses.
- Fiberboard, *see* Pulpboard.
- Fiberglass, *see* Glass fibers.
- Fibers:
bonded nonwoven fabrics, current industrial reports, 3922
classical, breaking strength of bundle, statistical distribution, 2423
electrically conductive, thermally isolate temperature sensor, 13784
fiber-metal composite materials, 13834
manmade—
census of manufactures, industry report, 3893
competition in Japan, 13355
industry, indexes of output per man-hour, 7673
natural and competing young people's use and appraisal in wearing apparel, 14144
non-glassy inorganic fibers and composites, 15086
plastic plus stainless-steel, make resilient, impermeable material, 2393
refractory ceramics produced by improved process, 9487
synthetic, commodity transportation survey, shipper series, 3909
vegetable, foreign agriculture circulars, 2987
see also names of certain plants, textiles, etc.
- Fibrous glass, *see* Glass.
- Fichter, W. B., theory for inflated thin-wall cylindrical beams, 12348
- Fiduciary, gift, and estate tax returns, 1962, statistics of income, 4570
- Field, Barry C., import competition in fruits and vegetables, 16727
- Field, Crosby, study of missiles resulting from accidental explosions, manual for investigators, 8304
- Field, D. E., submarine topside coatings for application in damp cold weather, 1384
- Field army, *see* Army.
- Field artillery, *see* Artillery.
- Field crops, *see* Crops.
- Field employees, *see* Government officials and employees.
- Field facility directory, 4361
- Field manuals, *see* Army Department.
- Field seeds, supply and disappearance, 5175
- Felder, William L., ionic conductivity of solid barium fluoride, 7865
- Fife, William P., cardiac output and regional blood flow in anesthetized baboon, 12637
- Fighter planes:
F-100, modifications to engines, management of time compliance technical orders, GAO report, 14725
flying at very low altitudes, ground measurements of shock-wave pressure, etc., 12342
- Figs, production, use, value, 1964-65 by States, 15379
- Fiji Islands, mineral industry, minerals yearbook chapter, 6297
- Filament-winding plastics, some effects of curing agent structure upon epoxide plastic physical properties, 2499
- Filamentary materials, filamentary composites, studies of mechanics, 13708, 15037
- Filaments:
bonded plastic tape use for lining filament-wound fiber-glass cryogenic propellant tanks, 4950
boron, mechanical and physical properties, 4947
low density, high strength high modulus, study, 15041
precision winding of cylindrical composites with shaped glass filaments, 15038
wound composites, microvoids, origin and removal, 2494

- Filaments—Continued**
wound cylinders—
determining elastic moduli, 1273
loaded in axial compression, determining strength, 13829
wound toroids, use as pneumatic shock absorbers, 15071
- Filaments (electric):**
lamp automatically switches to new filament on burnout, 6372
- Files and filing (documents):**
Education Office records handbook, standard filing system, 14557
file organization for large chemical information system, 9554
files maintenance and disposition, DSA manual, 5849
managing current files, records management handbook, subject filing, 13854
- Filler wire reels, see Reels.**
- Filling, secondary backfilling of strip-mine areas, 7717**
- Film libraries, see Motion pictures.**
- Film slides, see Filmstrips.**
- Film strips, see Filmstrips.**
- Filming, see Photography.**
- Films (chemical):**
film coefficients of heat transfer for helium, 17865
polystyrene, photolysis in vacuum and in air, 2496
- Films (coatings):**
aluminum thin, self-supported, produced by vacuum deposition process, 15117
cadmium sulfide, high photovoltages in, 9534
dry film lubricant effective at extreme loads, 12298
electrolytic preparation of high dielectric thin films, 4821
gallium alloy, investigated for use as boundary lubricants, 9472
polymer film exhibits thermal and radiation stability, 6369
PTFE-aluminum films serve as neutral density filters 4854
single-crystal semiconductor films grown on foreign substrates, 11019
thin film protective coatings, 1296
thin films as floating liners for fiber-glass cryogenic propellant tanks, 4949
see also Carbon films.
- Films (coverings):**
conceptual design for squeeze film bearings, 12294
flexural rigidity, techniques for measurement, 7826
- Films (photography):**
Navy catalog, 11159
Polaroid film produces positive X-ray photo in 10 seconds, 13743
see also Motion pictures.
- Filmstrips:**
different size and format, single projector accommodates, 4853
fire safety slides, list, 14741
neurological and sensory disease, film guide, 13976
see also Filmstrips.
- Filmstrips:**
aging, selected references, 5262
captioned films for deaf, catalog, 635
copyrighted, 598, 8793, 17604
Library of Congress catalog, 3147
medicine and allied sciences, film reference guide, 13963
neurological and sensory disease, film guide, 13976
Public Health Service, 1966 film catalog, 15299
- Filters and filtration:**
AFA analytical aerosol filters, USSR study, 10754
air filters gamma spectrometric measurement for recovery of U-235, 8291
- Filters and filtration—Continued**
centrifugal, industrial plant equipment handbook, 13247
filter pack technique for classifying radioactive aerosols by particle size—
fission products 1963-64, 1381
mathematical considerations, 1382
filter spectroradiometry, data reduction, 1249
human vs filter as data extrapolator in 2-coordinate, sampled-data tracking system, 6543
oxidation-reduction process reduces pore diameters to produce superior filters, 6365
parotid fluid protein-free filtrates, preparation, 8217
PTFE-aluminum films serve as neutral density filters, 4854
signal averaging filter, disclosures, 7921
stainless steel fiber length and orientation prevent migration in fluid filters, 13754
ultrasonic cleaning restores depth-type filters, 13735
see also Band-pass filters—Microwave filters—Radio frequency filters.
- Finance:**
agricultural review, supplement, 5865
agriculture balance sheet, 15441
assistance programs administered by Health, Education, and Welfare Dept., 14758
impact of 1965 legislation, 4532
Atomic Energy Commission, 1966 report, 16978
Bulgarian system of financing scientific and technical research, 13529
census of business, 1963, selected services, receipts size, 199
city government, 11476
code of Federal regulations, 7400
combined financial statements, 1964, members of Federal Home Loan Bank System, 7362
Communist China, translations, 3597
current monetary and fiscal developments (remarks), 5955
daily statement of Treasury, 2829
DSA manual, 4249, 7260, 13250-251, 17608
export financing, Action Committee report, 7003
family finances, price list, 2519
farmers' financial calculations, and physical measurements, handbook, 16919
Federal expenditures to States and regions, distribution and impact, study, 13213
Federal financial policy (remarks), 5192
financial assistance programs, Small Business Administration, summary, 16823
financial statements—
Columbia River Federal Power System, GAO examination, 16342
Commodity Credit Corporation, GAO examination, 4492, 14381
Export-Import Bank of Washington, GAO examination, 807, 1801
Federal Crop Insurance Corporation, GAO examination, 4065, 4493
Federal Home Loan Banks, GAO examination, 14385, 14722
Federal Housing Administration, GAO examination, 6007, 7065
Federal Prison Industries Bureau, Inc., GAO examination, 4494
form and content, 18090
Government Printing Office, GAO examination 14723
Panama Canal Co., GAO examination, 8982, 10103
Public Housing Administration, GAO examination, 6009
Saint Lawrence Seaway Development Corporation, GAO examination, 14724

Finance—Continued

financial statements—continued
 Tennessee Valley Authority, 6671
 GAO examination, 4495, 11603
 Treasurer of United States, GAO examination, 17706
 Veterans Canteen Service, Veterans Administration, GAO examination, 4496
 Virgin Islands Corporation, GAO examination, 6008, 7064
 financing and crediting social enterprises, Bulgarian study, 13581
 financing capital construction, rules, in USSR, 1041
 fiscal policy and debt management, 2027
 General Accounting Office findings, etc., for improving Government operations, 1965, 11610
 Government contingent liabilities and assets reports, report, 17521
 government finances, GF series, 3933-34, 6933, 8367, 11476, 12728
 Government financial agencies, policies and practices, hearing, 17368
 governmental, 1964-65, 12728
 joint financial management improvement program, annual report, 8981
 management of Federal credit programs in Great Society (remarks), 16882
 manufacturing corporations, quarterly report, 3440
 Neighborhood Youth Corps sponsors, financial management requirements, 13588
 personal, PACAF basic bibliographies, 5322
 problems of government financial management (remarks), 1514
 Public Roads Bureau, accounting and financial reporting system, need for improvement, GAO report, 12000
 publications, price list, 17993
 receipts and expenditures of U.S.—
 combined statement, 1965—
 departmental edition, 3722
 document edition, 4052
 monthly statement, 3220
 receipts, Federal, 1966 and 1967, estimates, 11694
 recordkeeping for small stores, 6602
 State and local governments, 1964-65, employee-retirement systems, 3934
 State finances, 1739
 State government, 1964 compendium, correction, 1739
 State government, 1965—
 compendium, 8367
 summary, 6933
 statistics, Federal reserve chart book, 2960
 historical supplement, 16279
 structure of regional farmer cooperatives, 8871
 treasury bulletin, 3622
 United Nations situation, report and hearings, 10181, 10243
 Vietnam, Democratic Republic, 2182
 see also Accounts and accounting.—Banks and bankings—Credit—Inflation (finance).

Finance Committee, Senate:
 additional staff members and clerical assistants, report, 8736
 calendar, 3135
 committee prints, 1937-38, 4217, 7210-12, 10340, 11799-800, 13206-207, 16181
 comparison between House bill and Senate amdt. to sugar act 1965, amendments, 1939
 hearings, 5804, 11801-803, 13208-209, 14480, 16182-185
 House-passed bills pending, summary, 10340

Finance Committee, Senate—Continued
 reports, 542-543, 551, 4167-69, 4171, 5721, 5755, 5761-68, 5771, 7175-76, 8693, 8728-29, 10296-303, 11750-752, 11769, 13132, 13154, 13162, 13182, 16071, 16076, 16129-130, 17500, 17521-524, 17536-537, 17552-553, 17562
 summary of social security amendments of 1965, 7209

Finance companies:
 consumer credit at consumer finance companies, 2791
 insurance premium, license and regulate in D.C.—
 law, 8479
 report, 8734
 sales finance companies, monthly report, 3488

Finance decisions see Interstate Commerce Commission.

Financial assistance, see Grants-in-aid.

Financial institutions, see Banks and banking.

Financial statements, see Finance.

Financiamiento de la FHA para, compra y mejoras de la vivienda, 2017

Findikyan, Nurhan, cold stress, parameters, effects mitigation, 82

Pine, Morris M., magnetic roasting of iron ores with ferrous scrap, 7716

Fine arts, see Art.

Fine Arts Commission:
 appropriations, 1967—
 hearings, 7113, 8763
 law, 10086
 reports, 8592, 10281
 publications, price list, 16787

Finerty, Joseph M., employment and earnings, and monthly report on labor force, 4734

Finger, Harold B., address, Nov. 17, 1965, 166

Finger Lakes, water pollution, control, etc., hearing, 17381

Finite-thrust escape from and capture into circular and elliptic orbits, 16675

Fink, Marvin P., aerodynamic data on large semispan tilting wing, etc., 9516

Finland:
 agricultural economy, 17617
 aviation, certificates of airworthiness for imported civil glider aircraft, agreement, 5159
 labor conditions, 13629
 mineral industry, minerals yearbook chapter, 7693, 17842

Finley, Bob, fish go in schools, 4403

Finney County, Kans., soil survey report, 2571

Fins (aircraft):
 copper, radiating stainless-steel-clad, two-dimensional heat transfer, 4903
 rocket vehicle with thick wedge leading and trailing edges, static aerodynamic characteristics, 4930
 straight finned radiators, weight optimization, design procedure, 15143

Fins (cooling):
 central fin-tube radiators, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
 heat-rejection characteristics of space radiator panels utilizing shared fins, 15189
 low-temperature direct-condensing vapor-chamber fin and conducting fin radiators, analysis, 1268
 thermostatic, for spacecraft temperature control, design considerations, 10966

Fir:
 balsam—
 dimension lumber in selected Minnesota markets, 5995
 heart rots, 14695

Fire—Continued

- Douglas—**
 - bark factors, 10570
 - 110-year-old, thinning response, 10571
 - seasonal progress of radial growth, 4472
 - south-central Idaho, initial vegetal development following prescribed burning, 16337
 - red, determining age of dwarfmistletoe, infections, 17692
 - subalpine, bleached groundwood, kraft, and sulfate viscose-grade pulp, suitability for pulping, 2075
- Fire control, see Forest fires.**
- Fire control (gunnery):**
 - equipment, Federal item identification guides for supply cataloging, supplements, 2940
 - instructor's guide—
 - basics of digital computers, 6527
 - electronics, 17974
 - Navy, instruction concerning gyroscopes, 6532
 - introduction, 9587
 - Navy training course, 12415
 - trainee's guide—
 - basic electronics, 5061
 - basics of digital computers, 6528
 - basics of magnetic amplifiers, 17973
 - gyroscopes, 6533
 - training, 9587
- Fire-cured tobacco, see Tobacco.**
- Fire departments:**
 - 2d and 3d class postal rates for volunteer fire companies, extend, report, 12943
 - staffing at contractor-operated installations under supervision of Oak Ridge Operations Office, savings available through reductions, GAO report, 9001
- Fire extinguishing agents:**
 - dry chemicals, particle size measurement, 1367
 - high-expansion foam fire control for records-storage centers, 8285
- Fire fighting, see Fires.**
- Fire-fighting apparatus:**
 - Federal item identification guides for supply cataloging, supplements, 2934
 - maintenance, FAA handbook, 5915
 - motorized, current industrial reports, 1733
- Fire Heart Creek site, archeology, 16827**
- Fire insurance, see Hazard insurance.**
- Fire Island National Seashore:**
 - general information, 15221
 - land donations as additions, accept, report, 483
- Fire prevention, see Fires.**
- Fire Project, see Project Fire (flight reentry program).**
- Fire protection, see Fires.**
- Fire retardants, see Fires.**
- Firearms:**
 - Federal act, amend, report, 17560
 - injuries caused by, mandatory reporting in D.C., provide, report, 17287
 - laws enforced by Alcohol and Tobacco Tax Division, 16380
 - mail order, interstate traffic, juvenile delinquency investigation, report, 1924
 - national and Federal acts, text, 14778
 - small arms barrels, radiographic and visual soundness requirements for cobalt-chromium alloy liners, military standard, 11853
 - small arms ranges, Air Force manual, 16944
- Firebrats, how to control, 5292**
- Firefighting vehicles, gas turbine powered MB-5 aircraft firefighting and rescue vehicle, 6539**

Firemen (firefighters):

- Day of Recognition, designate May 4 of each year, law, 10061
- District of Columbia—**
 - examination announcement, 11498
 - include members in Police Department band, report, 15872
 - retirement benefits for older totally disabled, report, 15853
 - salaries, increase—
 - hearings, 10237, 10338
 - reports, 15853, 16139, 17312
 - employment outlook, 9239
- Federal employees, premium compensation, correction of inequities—**
 - hearing, 17595
 - report, 12944
- Government, reduce time in standby status, hearing, 11676**
- Firemen (stokers):**
 - Navy training course, 11148
- Fireplaces:**
 - and chimneys, general information, 32
 - wood, market, in urban area of Connecticut, 17700
- Fires:**
 - control elements, maritime safety data, 7654
 - doors as barriers, 7909
 - earthquake of Mar. 27, 1964, at Whittier, Alaska, effects, 4525
 - Experimental Hall, Cambridge Electron Accelerator accident, July 5, 1965, investigation, report, 6865
 - Federal fire experience, 16353
 - fire defense in United States, national fire coordination study, 10553
 - fire prevention in hospitals, 11188
 - fire retardant viscosity measured by modified Marsh funnel, 8956
 - firefighting and rescue operations, Army technical manual, 15515
 - firefighting exercises manual, 1345
 - high expansion foam for fire suppression, 13388
 - hydrogen—
 - detection system features sharp discrimination, 13800
 - infrared television used to detect, 13798
 - industrial fire safety today, 16352
 - municipal fire service, future, 16352
 - nuclear, defending United States from, national fire coordination study, 16320
 - prevention, and maintenance of fire protection equipment, FAA handbook, 5915
 - prevention and protection facilities, Army technical manual, 1652
 - retardants, influence of moisture on effectiveness, 5994
 - safety and fire protection bulletins, 2620
 - 8110, 8304, 14064
 - Mission Safety-70 Week, 18133
 - safety, construction projects (talk), 14742
 - safety programs, films and slides, list, 14741
 - shipyard hazards, maritime safety data, 16522
 - slash, variation in vegetation following, near Oakridge, Oreg., 2062
 - systems approach to fire protection, 13389
 - see also Forest fires—Mine fires.
- Firewood, see Wood.**
- Firms, see Business.**
- First aid, standard training course, 7967**
- First step on long journey, Congressional presentation, 617**
- First work of these times, description and analysis of elementary and secondary education act, 643**
- First work of these times, report to the people on education, 7308**
- Fiscal policy, see Finance.**
- Fiscus, Clifford H., pelagic fur seal investigations, 5964**

INDEX 1966

Fish and fisheries :

acclimatization of fish and food organisms in seas of USSR, 2223
 Alabama landings, 2672, 13339
 Alaska, 1964, annual summary, 4401
 anadromous and Great Lakes fish, program for conservation, development, etc., law, 406
 bait shrimp, Tampa Bay, Fla., fishery economics, 781
 bioacoustics of fish, USSR study, 12098
 Biological Laboratory, Honolulu, progress in 1964-65, activities, 8939
 biological-statistical census of species entering fisheries in Cape Canaveral area, 779
 Boston large-trawler labor force, economic study, 10526
 California landings, 2724
 canned fishery products, annual summaries, 4399, 7431
 central Asia and Kazakhstan fishery resources, conference, 12163
 Chesapeake fisheries, annual summary, 2035
 Chile fisheries, 7433
 code of Federal regulations, 10508
 commercial fisheries—
 census, 1963, number of operators and fishing vessels, employment and gross receipts, etc., 8327
 census 1963, publication program, 1708
 Great Lakes, 5963
 commercial fisheries abstracts, 2762
 commercial fisheries review, 2763
 separates, 747-750, 4405-10, 7435
 conservation notes, 10529-530, 17675
 conservation, protection, and propagation of endangered native species of fish—
 hearings, 7206
 reports, 14459, 17265
 control measures, Northwest Atlantic fisheries convention of 1949, protocols, 13091
 cooperative fishery units, annual reports, 766, 16311
 copepod crustaceans parasitic on elasmobranch fishes of Hawaiian Islands, 9567
 culture, classification, Library of Congress, 1100
 current fishery statistics, CFS series, 738-745, 2034-35, 2672, 2724, 2976-77, 2980, 3008, 3022, 3029, 3171, 3174, 3185-86, 3194, 3205, 3260, 3267, 3276, 3480, 3516, 3522, 3575, 3683, 4399-4401, 5961-62, 7430-32, 8934-38, 10518-522, 13334-341, 16294-296, 17672-673
 Delta National Wildlife Refuge list, 16310
 distribution of fishes in U.S. streams tributary to Lake Superior, 780
 electronic method of measuring hematocrits, evaluation, 14674
 establish fishery zone—
 hearings, 13053, 13203
 law, 17141
 reports, 11774, 15931
 exploratory fishing, 1964 report, 10524
 fish and wildlife coordination act, amend, hearings, 13053
 fish as source of human poisoning, USSR study, 16486
 fish concentration density determined by hydroacoustics, USSR study, 17790
 fish control investigations, 11977, 14674
 fish go in schools, use in school lunches, 4403
 fish passage reports—
 Bonnevillie, The Dalles, McNary and Ice Harbor Dams, 667, 11888
 Rock Island Dam, Columbia River, Wash., 17679
 fish reserves in reservoirs of central Asia and Kazakhstan, USSR conference, 10787

Fish and fisheries—Continued

fish toxicity in nitrosalicylanilides and related compounds, chemical structure relation, 14674
 fisheries activities behind Iron Curtain, report of U.S. congressional delegation, report, 12988
 fisheries of North America, conference, addresses and panel discussions, 17674
 fishery and oceanography translations (periodical), 2978
 fishery associations in U.S., list, 11973
 fishery bulletins, 7436, 13343
 fishery industrial research, 751, 10531
 fishery leaflets, 752-754, 2039-40, 4412, 10532, 11972-973, 13344, 14653-655
 fishery marketing development series 13345-346, 14656, 16299
 Fishery-Oceanography Center, La Jolla, Calif., research facilities, 2038
 fishery products—
 imports and exports, 4400
 industrial, summaries, 738, 7430
 irradiated-pasteurized, study, 15539
 manufactured, 1964, annual summary, 5962
 wholesale dealers, list—
 Alabama, 773
 Iowa, 772
 Maryland, 768
 Minnesota, 770
 Nebraska, Mississippi River and tributaries, 774
 North Dakota, 771
 South Dakota, 776
 Texas, 775
 Wisconsin, 769, 2046
 fishery statistics, 14678
 fishing convention, law of the sea, 12527
 fishing in national park system, general information, 16736
 Florida landings, 2980, 10522
 frozen fish, monthly report, preliminary, 3007
 frozen fishery products, 3008, 10518
 Georgia landings, 3022, 16296
 Great Lakes—
 convention, amending agreement with Canada, 15999
 Federal research, annotated bibliography, 11978
 fisheries, 1964 annual summary, 2034
 Gulf fisheries, 1964 annual summary, 744
 hatcheries, cost-sharing arrangements with Oregon and Commercial Fisheries Bureau, GAO review, 6023
 hatcheries, list, 753
 Hawaii, fisheries, annual summaries, 745, 13341
 Hempstead, South Oyster Bay coastal wetlands, preserves, etc., hearings, 14432
 Japanese fisheries, 10523
 Louisiana landings, 3171
 Maine landings, 3174, 10520
 marine and fresh-water resources of U.S. authorize survey—
 hearings, 11795, 17390
 report, 10320
 Marshall and Marianas Islands fishes, 7937
 Maryland landings, 3185, 13338
 Massachusetts landings, 3186
 by gear and subarea, 1965 summary, 17673
 by ports, 1965 summary, 17672
 Michigan, Ohio and Wisconsin landings, 3194, 16294
 miscellaneous legislation, hearings, 13053, 17390
 Mississippi landings, 3205, 13340
 Mississippi River fisheries, 1964, annual summary, 8938
 mode of uplift on McMurdo Ice Shelf of fish moraines, 5344
 motion pictures, 14655
 national survey of fishing, 16312
 New England, fisheries, summary, 743

Fish and fisheries—Continued
 New Jersey landings, 3260, 10519
 New York landings, 3267, 8934
 North Carolina landings, 3276, 13335
 northwest Atlantic, international convention of 1949, protocols—
 report, 13091
 text, 13080
 Norway fisheries, 7434
 Pacific Coast fisheries, 1964, annual summary, 5961
 parasites of freshwater fish, 11968-970, 14652
 pasteurization of fishery products with gamma rays from cobalt-60 source, 4407
 pesticides, use and effects, research findings, 4411
 pollution-caused fish kills, 13332
 progressive fish-culturist, 3423
 protein concentrate, experiment and demonstration plants—
 hearings, 16100, 17390
 reports, 15941, 16080, 17325
 protozoa, Ichthyophthirius multifiliis, 11968
 publications, price list, 16785
 recipes—
 Florida fish recipes, 14656
 from Great Lakes, 746
 seafood, heirloom recipes to treasure, 16299
 research report, 17676
 reservoirs for fish-rice farming, 4402
 resource status reports, 765-766
 Rhode Island landings, 3480, 8935-36
 shrimp fishery of southern United States, 14654
 shrimp landings, 1965, annual summary, 10521
 South Carolina landings, 3522, 13336
 special scientific reports, fisheries series, 779-781, 2047, 4425-26, 5964-65, 7441-42, 11978, 13348-349, 14675, 16313, 17678-679
 sport and commercial, estuarine areas, preserve, etc.—
 hearings, 14432
 report, 15939
 sport fishery abstracts, 3531
 sport fishery research, progress, 10537
 statistical digest, 14678
 Texas landings, 3575, 13337
 United States, 1964 annual summary, 8937
 USSR—
 bibliographic guide on fisheries and related services, 10706
 fishing industry plan for 1966-70, 2148
 ichthyological research, 17753
 Virginia landings, 3683, 16295
 water resource projects, uniform policies and cost allocation, report, 1832
 see also Diseases of fish—also headings beginning Fish—Fishing—also names or classes of fish.
 Fish and Wildlife Service:
 circulars, 746, 2036-38, 4402-4, 7433-34, 8939, 10523-528, 11965-967, 13342, 14651, 16297-298, 17674
 fishery bulletins, 7436, 13343
 fishery marketing development series, 13345-346, 14656, 16299
 historical statistics H.S. series, 755-758
 press releases, 3371
 publications printed and duplicated, monthly list, 3216
 refuge leaflets, 759-764, 2041-44, 4413-24, 7437-38, 8941-43, 10534-536, 11974-976, 13347, 14657-672, 16300-310
 regulatory announcement, 14673
 SL series, 768-778, 2046
 special scientific reports—
 fisheries series, 779-781, 2047, 4425-26, 5964-65, 7441-42, 11978, 13348-349, 14675, 16313, 17678-679
 wildlife series, 7443, 10538-540, 11979, 14676-677, 16314

Fish bait, see Bait.
 Fish culture, see Fish and fisheries
 Fish disease leaflet FDL—(series), 8940, 11968-971, 14652
 Fish hatcheries, see Fish and fisheries.
 Fish hooks, see Hooks.
 Fish meal:
 and scrap—
 imports, 1937-64, 739
 production, 1929-64, 740
 production—
 annual summary, 13334
 monthly reports, 2976
 Fish nets, castnets constructed of machine-made netting, 2039
 Fish oil:
 foreign trade, 1925-64, 741
 production—
 annual summary, 1334
 monthly reports, 2976
 Fish sticks:
 and portions—
 annual summary, 7432
 current fishery statistics, 2977
 Fish tuberculosis, see Tuberculosis in animals.
 Fisher, Gail E., arthritis source book, 13958
 Fisheries, see Fish and fisheries.
 Fishermen's and fish shore workers' unions:
 in United States, list, 11972
 rights in sale of fish, etc., hearings, 17390
 Fishery Management Services Division:
 cooperative fishery units, report, 766
 report, 765
 Fishery marketing development series, 13345-346, 14656, 16299
 Fishery-Oceanography Center, La Jolla, Calif., research facilities, 2038
 Fishery products, see Fish and fisheries.
 Fishery Services Division, cooperative fishery units, annual report, 16311
 Fishes, see Fish and fisheries.
 Fishing, see Fish and fisheries.
 Fishing gear:
 aluminum crimping sleeve prevents hook damage by electrolysis, 4405
 loans for vessels and gear, 754
 research report, 10524
 shark, historical review, 10526
 see also Electric fishing device.
 Fishing tackle, see Fishing gear.
 Fishing vessels:
 and number of operators, employment and gross receipts, etc., census of commercial fisheries, 8327
 loans for vessels and gear, 754
 Fishman, Alan M., gamma spectrometric measurement of U-235 in absolute air filters, etc., 8291
 Fishman, Marvin J., analysis of metals in water by atomic absorption, 17726
 Fishmeal, see Fish meal.
 Fisk, Allen L., Missouri Basin Inter-Agency Committee minutes of meetings, 1174, 9388, 10935, 16588
 Fission products, airborne during 1963-64, size distribution, 1381
 Fissionable materials, maintenance of reactor safety, etc., USSR study, 13541
 Fitting multi-component exponential decay curves by digital computer, 3793
 Fittings (auxiliary parts):
 Federal item identification guides for supply cataloging, supplements, 2934
 tetrafluorethylene hose, etc., classification of defects, military standard, 11851
 FitzSimmons, V. G.:
 factors influencing life and performance reliability of high-precision potentiometers, 1374
 lubricating ball bearings, 12435
 Fitzsimons General Hospital, Medical Research and Nutrition Laboratory, report, 14235

- Fixtures (for offices, etc.):
and miscellaneous manufactured products,
commodity transportation survey, ship-
per series, 216
inflatable holding fixture permits X-rays to
be taken of inner weld areas, 13762
public building, office, and store fixtures,
census of manufactures, 1963, industry
report, 6899
Flag Week, *see* National Flag Week.
- Flags:
foreign flags, code flags and pennants,
recognition identification guide, 13901
our flag, story, etc., print additional copies
as H. doc., reports, 10189, 16096
U.S., around Washington Monument, rais-
ing and lowering ceremonies, provide,
report, 12939
United States, display at Lexington, Mass.,
law, 436
- Flame photometry, *see* Photometry.
- Flames:
detector rods, mounting facilitates removal
and installation, 7803
research and technologic work, 15012
spectrophotometry system for biologic cal-
cium analysis, 5336
- Flaming Gorge National Recreation Area,
general information, 17956
- Flammability, *see* Inflammable materials.
- Flammable gases, *see* Gases.
- Flammation, AIC 77 A, lunar chart, 89
- Flanagan, Edward J., Father:
memorial in D.C. or environs, authorize—
law, 1787
reports, 492, 1925
- Flanges:
assembly, pressure-welded, provides leak-
tight seal at reduced bolt loads, 11039
external linkage tie permits reduction in
thickness, 13761
fastener providing for bolt misalignment
and quick release, 12316
- Flannely, William G., analytical research on
synchronous gyroscopic vibration absorber,
4806
- Flares, *see* Solar flares.
- Flash lights, *see* Flashlights.
- Flashers, high-intensity, for close-in pho-
tography, 7776
- Flashlight cases, current industrial reports,
254
- Flashlights, use as infrared source, 7768
- Flat Rock, Ala., coal resources of area, Jack-
son County, Ala., 13680
- Flat Tops primitive area, mineral resources,
13403
- Flathead Indians:
Confederated Salish and Kootenai Tribes
of Flathead Reservation, lands held in
trust for—
law, 17093
reports, 10311, 12932
- Flathead Lake, damsites on Flathead River,
geology, 2105
- Flathead River, geology of damsites, mouth
to Flathead Lake, 2105
- Flatley, Thomas W., equilibrium shape of
array of long elastic structural members
in circular orbit, 7820
- Flax, Lawrence:
magnetic field outside perfect rectangular
conductors, 15177
monotonic magnetostriiction for nonferro-
magnetic materials, 16674
- FLC, *see* Federal Library Committee.
- Fleet Marine Force manual FMFM series,
2309, 4743-44, 6279, 9350-51, 10894,
13654-655, 16547-548, 17826
- Fleischer, Michael, data of geochemistry,
4520
- Fleming, Robert V., reappointment, report,
1919
- Flescher, H. L., effects of electron radiation
on unijunction transistors, 13714
- Flewellen, William C., jr., selling and servic-
ing household appliances and radio-TV,
12503
- Flexible arms provide constant force for
pressure switch calibration, 13752
- Flexible drive allows blind machining and
welding in hard-to-reach areas, 17899
- Flexible fastener effect airtight material
closure, 13740
- Flexural fatigue machine for high-tempera-
ture operation at resonance in vacuum,
1368
- Flexural vibrations of conical shells with
free edges, 6335
- Flies:
European pine sawfly, description, control,
etc., 2057
hemlock sawfly, mortality of overwinter-
ing eggs, 13359
horn flies on cattle, how to control, 1587
house, how to control, 3756
introduced pine sawfly, 7454
Nearctic Trichoptera in Museum of Com-
parative Zoology, notes, 6497
stem sawflies of economic importance in
grain crops in U.S., 5298
- Flight:
aerospace safety (periodical), 2645
aviation and its flight environment
(address), 5892
dynamics, USSR studies, 9151
East-West, phase shifts of human cir-
cadian system and performance deficit
during periods of transitions, 8308
flight and ground tests, XV-9A hot cycle
research aircraft, 8272
flight-measured ground effect on low-
aspect-ratio ogee wing, compared with
wind-tunnel results, 11058
high-altitude and entry flight control ex-
perience with X-15 airplane, 7893
in-flight vibration analysis, 15196
information manual, international, 3077,
14199
amendments, 103, 3803, 16952
information publications, dates of latest
editions, 2841
instructors—
airplane, examination guide, 4429
certification, Federal aviation regula-
tions, 11909-911, 14602, 16260
investigation, V/STOL aircraft on-off con-
trol visual conditions, 11063
MAC flyer (periodical), 3172
maneuver test program, UH-1 compound
helicopter high performance, 8273
measurements of boundary-layer noise on
X-15, 7877
North-South, phase shifts of human cir-
cadian system and performance deficit
during periods of transition, 9336
parameters, acoustic displays, 13710
parameters and vehicle performance for
Project Fire flight II, 15176
performance estimated with closed-form
approximations to equations of motion,
4984
physician flight accidents, 15559
planetary flight handbook, 9445
private pilot's handbook of aeronautical
knowledge, 11983
standards career planning FAA handbook,
2003
test guide—
helicopter pilot, 2010
multiengine airplane class or type rat-
ing, 11981
private pilot, single-engine airplane,
16317
test program, compound helicopter maneu-
ver capability, 8231
tests, rotary wing aircraft, progress re-
ports, 1634, 3813, 5342-43, 6827, 9885
training handbook, 5923
unsteady, analytical study of dynamics of
aircraft, 3837

Flight—Continued

West-East, phase shifts of human circadian system and performance deficit during periods of transition, 11446
see also Aircraft—Astronautics—Instrument flying.

Flight crews:

aircrew personnel, H-response in electroencephalograms, 3799
 aircrew selection, perceptual-psychomotor tests, historical review and advanced concepts, 14184
 factors affecting aircrew morale, 15490
 flight crewmember certificates, Federal aviation regulations, change, 4359, 10464
 members other than pilots, certification, Federal aviation regulations, 2005, 11912, 13308, 14603, 16261
 nomenclature and abbreviations in aircrew stations, military standard, 8814
 supersonic transport, potential roles, implications for flight deck, 15064, 17872

Flight deck, *see* Aircraft.

Flight engineers, certificates and training courses, Federal aviation regulations, 2005, 11912, 13308, 14603, 16261

Flight navigators, *see* Aviators.

Flight recorders, installation requirements and performance standards, Federal aviation regulations, change, 4355

Flight simulators:

F-101/F-106 flight simulator flashblindness experiment, 5331
 use to determine pilot opinion of trim changes for STOL airplanes, 6433

Flight surgeons, *see* Surgeons.

Flint, Helen M., guide specifications for positions in aging, 1571

Flint, Oliver S., jr., notes on certain Nearctic Trichoptera in Museum of Comparative Zoology, 6497

Flint, Mich., commodity transportation survey, production area series, 9955

Flint Hills, Kansas and Oklahoma, blue-stem and Osage pasture report, 15375

Floating device aligns blind connections, 4844

Flood, Daniel F., Isthmian Canal policy, etc. (addresses), print additional copies, reports, 13004, 14462

Flood control, *see* Floods—*also* names of certain rivers.

Floods:

California and Nevada, Jan.-Feb. 1963, 10651

Colorado and Kansas, June 1965, subcommittee report, 11681

control projects, prohibits certain fees—
 hearings, 10263
 report, 10154

control, rivers and harbors, and multipurpose projects, public workers authorizations—
 hearings, 17597
 law, 400

reports, 17276, 17533
 print additional copies, reports, 10197, 17470

control, unified national program for managing losses, report by Task Force, 15785

damage prevention, indexed bibliography, 15389

disaster areas, permit farmers to comply with acreage reduction agreements, report, 1829

Federal financial assistance to victims, insurance and other programs, reports, 15987, 16177

floods of 1963 (series), 10651

floods of 1964 (series), 831

homes and farms, first aid, 3743

North Carolina, probable magnitude and frequency, 10637

Floods—Continued

routing, numerical techniques for small watershed, 8125
 salmon spawning stream, effects, 13358
 storage flood routing without coefficients, 14102

United States, magnitude and frequency—
 Colorado River basin, 6038

Great Basin, 7489

United States, summary, 830

watershed protection and flood prevention act, amend—
 hearings, 4118

law, 1788

reports, 495, 556

see also names of rivers, etc.

Floor covering mills, census of manufactures, industry report, 1703

Floor coverings:

installers, employment outlook, 9240
 resilient, nontextile, sampling and testing, Federal test method standard, 14645

Floors and flooring:

feeding floor for 200 pigs, 11361

flooring from low-grade hardwood logs, 10566

Flora, Donald F., ponderosa pine dwarf-mistletoe control, 17704

Flora, *see* Plants.

Florida:

area measurement report, 1696

census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258

central and southern, flood-control project, designate W. P. Franklin Lock and Control Structure, report, 16149

chemical processing of phosphate rock slime, 17853

citrus cooperatives, pooling following 1962 freeze, 14142

climatological data, 2751

congressional districts, 90th Congress, 15609

county business patterns, 3912

creep feeding beef calves, effects on weight and market grade, 3767

eastern, coastal warning facilities chart, 7339

electric rate book, 10482

grapefruit—

exported to overseas markets, factors affecting quality, 6758

packaged and labeled, sales test, 10414

Lake Soil Conservation District, ponds irrigate citrus groves and provide recreation (colored poster), 9668

landings, fish and shellfish, 2980, 10522

life tables, 18017

mangoes, ripening and storage, 47

Middle River Canal (C-13) area, engineer report—

departmental edition, 13292

document edition, 13067

northwest coast hurricane survey, engineer report—

departmental edition, 14572

document edition, 14384

postal map, 13929

precipitation data, hourly, 3045

properties acquired under VA loan guaranty program, purchase of title insurance, GAO review, 12004

Southeast hurricane disaster relief act of 1965—

hearing, 527

law, 439

report, 554

women workers, 11332

Florida fish recipes, 14656

Florida quadrangle, Puerto Rico, geology, 13399

Florists, retail industry, 1964, profile, 51

Flotation :

- Boule, mechanism on water and other liquids, 16375
- froth—
 - density and pulp flow rates, radioactive techniques for continuously measuring, 17864
 - reclaiming magnetite in dense-medium circuits, 13697
- phosphate samples, Meade Peak, Idaho, studies, 9374
- pilot plant, nonmagnetic taconite and semitaconite, 6313
- selective, of mica from Georgia pegmatites, 16575
- stability characteristics of right-circular-conic frustum, 7845
- USSR studies, 4693

Flounders :

- radiation-pasteurization processes, 11437
- summer *Paralichthys dentatus* (Linnaeus) length-weight relation, 14675

Flour :

- domestic wheat flour bulletin, 2863
- export wheat flour—
 - bulletin, 2899
 - port bulletin, 2900
 - price bulletin, 2901

Flour mills :

- milling industry, organization and competition, 16729
- products, current industrial reports, 2817

Flow :

- about axisymmetric blunt body at angle of attack, direct method for calculation, 10951
- axial flow pump rotor with blade tip diffusion factor of 0.66, blade element performance, 15191
- blunt axisymmetric bodies in supersonic spherical source flow, numerical solutions, 7891
- brazing retort manifold design concept may minimize air contamination and enhance uniform gas flow, 15101
- chute spillway at Fort Randall Dam, 10443
- coaxial, dissimilar gases, effects of momentum buffer region, 2424
- conditions on fuselage of X-15 airplane and model, 11069
- determination of local conditions at Mach nos. 3 to 6, calibration of conical pressure probes, 1257
- diaphragm valve for corrosive and high temperature fluid control, 15096
- disturbances in rocket propellant feed systems, distributed parameter analysis, 13833
- electrons through gas between plane parallel electrodes, 13825
- expansion tube, using unheated hydrogen driver, performance, 11056
- field survey, etc., in wake of X-15 airplane model, 6450
- fields about delta and double-delta wings at low speeds, 15040
- flow and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201
- fluid—
 - cavitation, effects of pipe bends, 11021
 - flexible fastener effects airtight closure, 13740
 - free-molecule flow with surface diffusion through cylindrical tubes, 4962
 - gas, concept for passive system to control independently of temperature, 13778
 - heat flow problems, computer program solves wide variety, 16627
 - high pressure cryogenic liquid flow, sight assembly for easy observation, 15124
 - higher parotid fluid flow rate, its relationship to increased caries resistance, 9866

Flow—Continued

- hypersonic—
 - leading edge bluntness and ramp deflection angle effects on laminar boundary layer separation, 6454
 - over flared bodies at incidence, 4958
 - interaction of 2-dimensional jet with parallel flow, 15522
 - jet, effect on refraction of sound, 10960
- laminar—
 - dispersion in capillaries and counterflow transport, 851
 - heat transfer in arc-heated nitrogen streams, effect of discontinuities, 15198
 - hydrogen gas flowing in heated tube, instability from large increases of temperature, 9514
 - liquid in long line, attenuation of sinusoidal perturbations superimposed on, 1265
- low-flow characteristics of streams in Mississippi embayment in Arkansas, Louisiana, and Texas, 10641
- mass-flow rates for semicircular open-nose inlet, 7830
- mass-flow ratio for inlets utilizing right circular cones, charts, 11061
- matching flow characteristics of standard shutoff valves eliminates need for custom fabricated valves, 16638
- nonequilibrium channel flow of multicomponent gaseous mixture in near-equilibrium region, computing, 6460
- nonequilibrium expansions of reacting gas mixtures, computer program for numerical solution, 10943
- nonequilibrium hypersonic—
 - nitrogen over wedge, effects of vibration-dissociation coupling models, 13828
 - problems, application of Lax's finite-difference method, 7897
- non-isoenergetic turbulent Prandtl number jet mixing between two compressible streams at constant pressure, 9397
- nonsteady liquid and gas, with heat addition and shock perturbations, 17931
- nonviscous liquid flowing in long line with distributed leakage, attention of sinusoidal disturbances, 15171
- nonwetting, condensing, mercury vapor in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation, errata, 15133
- nozzle critical flow characteristics of sodium vapor, 4931
- open-channel laboratory studies (series), 825
- over blunt body at angle of attack, inverse technique, 9419
- parallel, role of conductivity in hydro-magnetic stability, 2428
- properties of powdered coal-water slurries, 2352
- radial-inflow turbine, designed for Brayton-cycle space power system, cold performance evaluation, 4977
- radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
- resistance in simulated irrigation borders and furrows, 13
- separated—
 - heat transfer at Mach no. 6.0, 1255
 - induced by shock wave-boundary layer interaction, analytical study, 17875
 - shock-induced, wind-tunnel predictions correlated with flight results, 16661
- stratified, Taylor instability, 16596
- streamlines in continuous flow, 2443
- streamlines in steady flow, 12374
- streams, low-flow characteristics in Mississippi embayment in northern Arkansas and Missouri, 6032
- studies of flow in alluvial channels (series), 4526

Flow—Continued
supersonic—

laminar boundary layer on cone with uniform mass transfer, 9414
linearized, about pointed bodies of revolution, analysis by method of characteristics, 16659
phenomena in conical nozzles, analysis by method of characteristics, 15164
skin friction, evaluation and reduction, 16668
turbulent boundary layer perturbed by steps and shock waves, spectra and space-time correlations of fluctuating pressures at wall beneath, 10954
swirl and duct, concentration profile establishment of binary gas mixture, 9394
system proportions fluid-flow in response to demand signals, 7767
three-dimensional, ideal gas past smooth bodies, 11083
through-flow solution for axial-flow turbo-machine blade rows, 4820
transient, hydrogen in heated passages in laminar-turbulent transition region, analysis, 15200
turbine-coolant, effect on Brayton-cycle space-power system performance, 12354
turbulent flow of liquids, USSR study, 16442
turbulent, heat transfer in smooth tubes for reacting $\text{N}_2\text{O}_4\text{-NO}_2$ system, 4964
turbulent shear, of dilute aqueous CMC solutions, 6343
two-dimensional turbulent fields, calculation, 9404
velocity measurements in Langley hypersonic arc tunnel, 7843
vertical, buoyance effects on critical heat flux of forced convective boiling, 16707
vortex, and erosion in rocket nozzles due to warm-gas injection for thrust vector control, 4971
weak locally homogeneous turbulence in idealized flow through cone, 16679
Flow charts, Fortron program flowchart is automatically produced, 6388
Flow of funds seasonally adjusted, 5956
Flow of funds, unadjusted, 7419
Flow of water, see Hydraulics.
Flowcharts, see Flow charts.
Flowers:
color inheritance in diploid and tetraploid alfalfa, reevaluation, 6783
cut, 1964 and 1965, production and sales, 8089
growing perennials, 14138
Flowmeters:
measures low gas-flow rates, 4871
ocean wave direction gate, 8856
optical output enhances accuracy, 4888
volumetric system calibrates meters for large flow rates, 1204
wide-range instrument monitors flow rates of chemically active fluids, 9496
Floyd, Hilton M., castnets constructed of machine-made netting, 2039
Flue-cured tobacco, see Tobacco.
Fluent handling material, see Handling equipment.
Fluhr, F. R.:
IFF active readout control and display system, 1370
polar video gating of radar and IFF displays using cartesian control, 12441
Fluid amplifiers:
binary, solves stability and load problems, 10990
digital integrator, development, 6329
jet, with reduced receiver-interaction-region coupling, design, 16701
Fluid flow, see Flow.
Fluid mechanics, see Hydromechanics.
Fluid power systems equipment, shipments and end use, 8317

Fluidization, lunar conditions, experimental study, 17881

Fluids:

chemically active, wide-range instrument monitors flow rates, 9496
close fluid system without moving parts controls temperature, 1207
conducting, inductive system detects level, 15122
density measured with 3-dimensional wire-mesh capacitor systems, 4874
diaphragm valve for corrosive and high temperature flow control, 15096
filters, stainless steel fiber length and orientation prevent contamination, 13754
incompressible, flow and pressure field analysis of parallel groove geometry, 15201
sensor detects hydrocarbon oil contaminants in fluid lines, 6394
shock-operated valve would automatically protect fluid systems, 13770

Flukes:

Trematoda and trematode diseases, index catalog, 9794
Trematoda, index catalog, 9793

Flumes:

experiments, 1956-61, alluvial channel data, summary, 13407
prefabricated, for gaging ephemeral streams, 4451

Fluor Corporation, Ltd., conceptual design of 50 MGD desalination plant, 846

Fluorescence:

fluorescent products in urine of rats exposed to ionizing radiation, study, 8212
paramagnetic materials, testing for cracks, East German study, 4682

Fluorescent lamps, see Electric lamps.

Fluoridation, when it comes to fluoridation, readiness is all, 12491

Fluorides:

binary mixtures, density and molar volumes, 16581
coatings make effective lubricants in molten sodium environment, 4842
fused-fluoride electrowinning of thorium-base alloys, 10927
see also names of fluorides.

Fluorination, of iron, kinetics, 15180

Fluorine:

and compounds, rocket fuel oxidizers, USSR study, 16473
and fluorine-oxygen mixtures, compatibility with polymeric materials, 12340
and fluorine-oxygen mixtures spilled on various materials, reaction characteristics, 7816
atomic, in thermally ionized air, electron attachment to, 12274
hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
Fluorochemicals, surface chemistry, 5073

Fluorspar:

acid grade, disposal from national stockpile—
hearing, 10325
law, 10067
reports, 8581, 8750
disposal from stockpile, hearing, 570
metallurgical grade, exchange from national stockpile—
law, 17097
report, 17466
mineral industry survey, quarterly, 2982
minerals yearbook chapter, 17836
Flutter (aircraft):

corrugation-stiffened and unstiffened panels, experimental results, 7839
delta-planform surfaces, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
Mach 3 of thermally stressed panels and comparison with theory for panels with edge rotational restraint, 13817

- Flutter (aircraft)—Continued
multiple streamwise bay rectangular panels at low supersonic Mach number, 15050
new approach to explanation, 4906
orthotropic panels—
effects of side-edge boundary conditions and transverse shear stiffnesses, 7840
exposed to high supersonic stream, theoretical analysis, 13844
panel, interstage adapter on Atlas-Centour AC-2, AC-3, and AC-4 vehicles, 1240
supersonic—
flat rectangular orthotropic panels elastically restrained against edge rotation, 13819
isotropic sandwich panels, 7818
variable-sweep-wing airplane at Mach numbers up to 3.0, 13820
Fluvial sediment in Little Arkansas River basin, Kansas, 14754
Flux:
aluminum core structures brazed without use of flux, 13795
averaging devices for infrared, 2455
Flux (neutron), *see* Neutrons.
Fly, deceased Lower Brule Indian allottee, relief of heirs and devisees, 5630, 8451
Flyers, *see* Aviators.
Flying, *see* Flight—Instrument flying.
Flying Tiger Line, Inc.:
accident, 11485
dedication of new world headquarters (remarks), 6949
FM (radio), *see* Radio frequency modulation.
FMC, *see* Federal Maritime Commission.
FMC SP series, 700-702, 4378, 5938-39, 7369-71, 8901-2, 10476-477, 14633-634, 17654
FNMA, *see* Federal National Mortgage Association.
Foam:
foam-filled fabric structure, stiffness properties, 7825
high-expansion—
fire control for records-storage centers, 8285
for fire suppression, 13388
urethane, fire hazard in mines, 12261
Fobes, Eugene W., pulpwood chip production and markets in Lake States, 14701
Focal infection, *see* Infection.
Focus on clean water, 8932
Focus resources in school health services, 18004
Focusing, infinite depth of focus, detection in homogeneous visual field, 2490
Fog:
methods to modify, USSR study, 14949
project for drops, investigation of warm fog properties and fog modification concepts, 4823
warm, dissipation by helicopter-induced air exchange over Thule AB, Greenland, experiments, 118
Fog signals:
Naval Oceanographic Office, lists—
Baltic Sea with Kattegat, etc., 1338, 6523, 9584, 16747
British Isles, etc., 2482, 7959, 12407, 16746
Europe and Africa, west coasts, etc., 5056, 7958, 13897
Greenland, etc., 13894, 15237
North and South America—
east coasts, etc., 5055, 9581
west coasts, etc., 1337, 6522, 9582, 13895
Norway, etc., 2483, 7960, 12408
Pacific Ocean, western, etc., 2481, 9583, 13896, 17970
Fogel, Lawrence J., adaption of evolutionary programming to prediction of solar flares, 9396
Foil, *see* Aluminum foil—Copper foil.
Foley, Eugene P.:
addresses, etc.—
Oct. 21, 1965, 323
Nov. 5, 1965, 319
Nov. 18, 1965, 321
Nov. 23, 1965, 320
Dec. 8, 1965, 322
Dec. 9, 1965, 1767
Dec. 29, 1965, 1766
Mar. 14, 1966, 5549
Mar. 15, 1966, 5555
Apr. 16, 1966, 8442
Apr. 23, 1966, 10010
Apr. 27, 1966, 8412, 8414
Apr. 29, 1966, 8413
May 10, 1966, 8415
May 20, 1966, 10011
June 7, 1966, 12795
Sept. 12, 1966, 15640
Oct. 11, 1966, 15639
Foley, W. D., optical-inertia space sextant for advanced space navigation system, 10964
Foliage, *see* Leaves.
Folklore:
Turkmen, anti-religious motifs, 13510
use in anti-religious education of Russian language students, 7581
Folkman, William S.:
children-with-matches fires in Angeles National Forest area, 17695
modifying communicative effectiveness of fire prevention signs, 17691
motorists' knowledge of no smoking ordinance in southern California, 2066
residents of Butte County, Calif., their knowledge and attitudes regarding forest fire prevention, 8976
signing for no smoking ordinance in southern California, 2065
Follmer, William C., radiation-resistant device phenomena, 6338
Folly Beach, S.C.:
hurricane survey, engineer report—
departmental edition, 668
document edition, 465
Fong, Kock Kong, relief, 5743, 8452
Fontana, Anthony, photovoltaic solar sensor for use in spacecraft orientation control systems, 6447
Food:
adjusting food-population imbalances (address), 9834
advertising expenditures by corporations marketing, 624
Army food service, rations, packets, and supplements, pamphlet, 14214
around world, current food situation, 7288
assistance policy and agricultural development to avert world famine (speech), 14160
assistance policy to win war on hunger (address), 14134
buses, standards, handbook, 16794
buying guides and recipes for Project Head Start centers feeding program, 7278
buying, how to use USDA grades, 16936
challenge of agricultural abundance for peace and relief of world famine (address), 9804
cheese in family meals, guide and recipes, 9818
code of Federal regulations, 7393, 8908
Communist China, translations, 3595
concentrates and their utilization in home, USSR studies, 9129
consumer information, price list, 2519
consumption, United States, sources of data and trends, 1909-63, supplement, 15479
costs—
components of farm-retail price spreads, 16732
retail prices, farm prices, etc., 15450

Food—Continued
distribution in rural community action, 10400
East European industries, translations, 3601
eat to live better, 6765
feeding young children, 6764
food and agriculture, a look ahead, statistical supplement, 7296
food and agriculture act of 1965—
law, 423
new, flexible, versatile food and farm bill for rural America (remarks), 5297
questions and answers relating to consumers, 36
food and farm price increases (address), 12613
food costs, farm prices, information relating to agriculture, 13012, 15954
food, drug, and cosmetic act—
amend—
hearings, 15979
law, 15702
report, 13123
as amended, text, 11984
enforcement and compliance, FDA report, monthly, 2915
enforcement regulations, 16318
notices of judgment, 3282
food, drug, and cosmetic laws, State officials enforcing, directory, 5967
food for freedom act of 1966—
hearings, 11785
message from the President, 4072
reports, 10175, 10219
food for freedom legislation (addresses), 9807, 9810
food for freedom program (addresses), 9805, 14120
food for peace—
act of 1966, reports, 14467, 15927, 17338
activities under Public Law 480, 14383
from people of United States, 15461
newsletter about activities under PL 480, 2983
food for young families, 6764-66, 8157-59, 9826
foods go to market (remarks), 1585
from farmer to consumer, report of National Commission on Food Marketing, 13870
home-prepared, calculating nutritive values, 9781
home production in rural community action, 10401
import detentions, report, 3465
in time of need, USDA's commodity distribution program, 15470
increasing production for new war against hunger (address), 14129
India, increasing supply—
hearings, 8762, 11636
law, 11549
message from the President, 8499
reports, 8594, 8737
industry and government (address), 37
irradiated food products, approval by Food and Drug Administration, etc., status of petitions, 12692
irradiation, world outlook, 5417
low-cost abundance, high level quality, and exciting variety (address), 14124
manufacturing, structure, report, 16731
marketing—
economic inquiry, 2033
special studies, 15218, 16733
meal planning made easy, 6766
milk and food, reference list of publications, 13987
miscellaneous products, census of manufactures, industry report, 3886
money-saving main dishes, 11352
national food situation, 3237
nutrition lessons, guide for extension economists, 8159

Food—Continued
nutritive value of food available for consumption, 5270
organisms and fish, acclimatization in seas of USSR, 2223
outlook for food consumption, prices, and expenditures (talk), 4291
perishable, storing in home, 16925
pesticide residues in foods, 10545
pesticides in food products, methods of determining, USSR study, 7624
plentiful food, PF series, 3327
plentiful foods program, marketing aid, 1602
poultry in family meals, 6749
preparation and serving equipment, Federal item identification guides for supply cataloging, supplements, 2939
preparation and serving in garrison mess, Army technical manual, 8265
preservation and protein enrichment of foodstuffs, USSR study, 909
preservation by irradiation, evolution and present status in world, 12669
prices charged for meals served employees at penal institutions, GAO review, 10627
private labels, frequency of use by distributors, 16733
protecting our food, agriculture yearbook—
departmental edition, 16940
document edition, 17160
protection—
environmental health series, 2526, 13952, 15276
hot tips, 9626
selected publications, bibliography, 15272
publications, price list, 17992
radiation pasteurization program, 5th annual contractors meeting, 5387
radiation preservation, effects of low level irradiation, 8294
radiation processing, hearings, 450
radionuclide analysis, 12465
radionuclide content of foodstuffs, Christmas Island, Operation Dominic, 8297
retail prices by cities, 2890
retailing—
organization and competition, 13871, 15217, 16730
private label products, prices, regulations, etc., 15218
safeguarding from agents of mass destruction, USSR study, 891
San Juan, P.R., improved handling facilities, 46
science and economics, research careers, 9825
selecting and buying, 9826
shopper's guide to U.S. grades, 3750
toxicooses and toxic infections, 17789
U.S. exhibitions around the world, 6784
vending, food sanitation requirements, 14997
warehousemen, rules for (poster), 13351
what food means to people, guide for program aides in home economics, 15457
wholesale food distribution facilities—
Boston, Mass., 3759
Montgomery, Ala., 11358
Springfield, Mass., 48
world needs, 7297
world population and food crisis, hearings, 7107, 8645
print additional copies, reports, 17278, 17544
staff summary of testimony, 7110
see also Canned foods—Emergency mass feeding—Food poisoning—Frozen foods—School lunches—also names of foods.
Food and Agriculture Organization of United Nations, constitution, amendments and text, 12533

INDEX 1966

- Food and Drug Administration:
 career opportunities, invitation to pharmacologists, 8947
 civil defense information for food and drug officials, 7446
 conference on drug abuse control amendments of 1965, proceedings, 10550
 drug activities, interagency coordination, report, 8759
 fakes and swindles in health field catalog, 7448
 FDA memo for consumers, CM (series), 2049, 5968, 8946, 10545
 FDA publications, 2050, 5969, 7447-49, 10546-548
 FDA report on enforcement and compliance, monthly, 2915
 grain sanitation program on handling of food grains, 2050, 5969
 health programs, law, compilation, 13049
 irradiated food products, approval, status of petitions, 12692
 peanut butter, FDA final standard, 2049
 poster series, 13351
 radio-TV packet (periodical), 3450
 report on oral contraceptives, 14685
 student materials for consumer education, 4431
 student reference sheet SR series, 2052-53
 Food, drug, and cosmetic act, *see* Cosmetics—Drugs—Food.
- Food for animals:
 certified products for dogs, cats, and other carnivora, certified products for, regulations governing, 1954
 from marine-animal products, firms canning, list, 778
 trade and tariff, information, summaries, 14045
- Food for livestock:
 cattle feeding rack for hay and silage, 11362
 commercial cattle feeding industry, structure and conduct, 17947
 creep feeding beef calves in Florida, effects on weight and market grade, 3767
 dairy cattle, concentrate rations fed, 9741
 economies of scale in cattle feeding, 16722
 economies of size for specialized beef feedlots in Colorado, 10411
 feed consumed by various classes of livestock, by States, 16941
 feed market news, weekly, 2971
 feed situation, 2972
 feeding floor for 200 pigs, 11361
 livestock-feed relationships, 1909-64, supplement, 65
 milk cows, roughage fed, summer feeding season, 2594
 packer feeding of cattle, volume and significance, 16930
 pneumatic conveyor for distributing farm feed, 15477
 production, 261
 roughage fed milk cows, 11283
 State feed laws, officials enforcing, directory, 5967
- Food for poultry:
 pneumatic conveyor for distributing farm feed, 15477
 production, 261
 State feed laws, officials enforcing, directory, 5967
- Food poisoning:
 fish as source of human poisoning, USSR study, 16486
 prevention, USSR study, 4592
- Food preservation, *see* Food.
- Food processing:
 inspecting food processing plants, 2052
 radiation processing, hearings, 450
- Food service facilities, *see* Restaurants, lunch rooms, etc.
- Food service workers, emergency mass feeding, basic course, 17028
- Food stamps:
 program—
 expanding, 15466
 initial evaluation of pilot projects, 5831
 is coming into your area, 11835
- Food stores, *see* Stores.
- Foot-and-mouth disease:
 importation of meats and animals that have transited infected countries, opinion of Attorney General, 9191
 prevention and control measures, USSR study, 2166
 virus of type Asia-1, immunobiological properties, USSR study, 997
- Foot-and-mouth disease vaccine, improving process used in producing, USSR study, 2243
- Foot rot in sheep, cause, detection, treatment, and prevention, 14136
- Football, professional teams, authorize merger of leagues and protect secondary schools from professional football telecasts, reports, 16156, 17341
- Footlight (periodical), 2984
- Footwear, *see* Boots and shoes.
- For commanders, this changing world, 108
- For you, officer's career in Armed Forces, 11847
- Forage plants:
 adaptability of forage species for pinyon-juniper sites in New Mexico, 4452
 Appalachian hillside pasture, 12606, 15447
 emergency revegetation to rehabilitate burned watersheds in southern California, 10605
 rooting cuttings of browse plants, 4458
 southern browse species, seasonal twig growth, 5988
 trends in crop varieties, 17651
 western range forbs, notes, 8142
 wheat pasture, 3706
- Forbearance, FHA provisions, consumer bulletin, Spanish edition, 7365
- Forbs, western range, notes, 8142
- Forbus, W. R., jr., evaluation of mechanized egg-grading and packing equipment, 12607
- Force and energy:
 electrode phenomena in high energy density, discharges as applied to plasma acceleration problems, 12266
 energy absorption, concepts of multiple-impact study, errata, 1179
 energy output of pyrotechnic devices, measuring system, 7805
 energy requirement for placing instrument package under ice, 8236
 energy storage concept uses tapes, 7770
 energy transformation in atmosphere of Northern and Southern Hemispheres and interaction of processes in both hemispheres, 2442
 energy transport by thermal field emission, 11070
 forces of suction of screw propellers, effect on handiness of vessel, USSR study, 1005
 forces on sphere accelerating in viscous fluid, proposed equation for calculation of, verification, 15508
 non-isoenergetic turbulent Prandtl number jet mixing between two compressible streams at constant pressure, 9397
 periodic forces, on screw propeller, determination, USSR study, 1048
 planetary perturbations, general, expansion of disturbing force, computation, 6412
 pressures and forces acting on ring baffle under sloshing conditions, 6336
 role of energy (remarks), 3858
 transducer measures force in vacuum, environment, 7807
- Ford, Gerald R., record of press conference statements for Joint Senate-House Republican Leadership, 17407

Ford, Robert P., field test of procedures for evaluating and scheduling white-pine weevil control, 792
 Forecasting air pollution potential, advisor service of Public Health Service, etc., 11182
 Forecasts:
 cybernetic predicting devices, USSR study, 16449
 manpower requirements, 2294
 ocean thermal structure forecasting, ASWEPS manual, 12411
 see also Precipitation—Weather forecasts.
 Foreclosure of mortgages, *see* Forbearance—Mortgages.
 Foreign affairs, *see* International relations.
 Foreign Affairs Committee, House:
 activities, 89th Cong., 1st sess., 7143
 calendar, 3116
 committee prints, 513, 1857-60, 5692-93, 7134, 7136, 7138-42, 10243-244, 10343, 11654-655, 13036-37, 14418, 14420, 17378
 hearings, 514, 4090, 4131, 7135, 7137, 7144, 8667-68, 10181, 10241, 10243, 11651-652, 11656-657, 13032-33, 13035, 13038, 14419, 14421, 15967, 15969, 17376-377
 reports, 1835, 4090, 5637, 5668, 7099-7100, 8574, 10169, 10181-182, 12957-963, 12977, 15850, 15919, 17237-238, 17290
 subcommittee prints, 11653, 13034, 15968
 Foreign agents:
 registration act—
 administration, report, 14960
 amend—
 hearings, 5699
 law, 11584
 reports, 8631, 11630
 Foreign Agricultural Service:
 appropriations, 1967, hearings, 8648, 11787
 biographic register, 12520
 market promotion activity, review, report, 17266
 miscellaneous, FAS-M series, 2054-55, 4432, 5970, 8948, 10551, 11989, 13352-354, 16319, 17680
 special reports, list, 8949
 Foreign agricultural trade, *see* Agricultural products.
 Foreign agriculture, *see* Agriculture.
 Foreign agriculture (periodical), 2986
 Foreign agriculture circulars, 2987
 Foreign aid:
 agreement with China, Republic, 5161
 agricultural development, monthly newsletter to cooperators, 3073
 American assistance in developing countries, (address), 10690
 appeal for renewal on grand scale, twenty years after, 14377
 development digest (periodical), 2854
 disposal of surplus property abroad, hearings, 14483
 economic assistance programs, guiding principles, 9054
 expenditures, study, authorization, report, 5756
 facts about program for 1967, new initiatives in agriculture, education, and health, 9053
 foreign assistance act of 1961—
 amend—
 analyses of bills, 7142, 13036
 background information and analysis, 7134
 hearings, 5810, 7135, 8667, 10241, 11806, 14419
 law, 17105
 reports, 5668, 5671, 5788, 13144-145, 15850, 15862, 17228
 technical and economic assistance to cooperative enterprises, staff report, 13024

Foreign aid—Continued
 foreign assistance act of 1966—
 analyses of bills, 7142, 13036
 hearings, 7135, 8667, 10241, 11806, 14419
 law, 17105
 reports, 15850, 15862, 17228
 foreign assistance appropriations, 1966, report, 545
 foreign assistance appropriations, 1967—
 hearings, 13014, 17568
 reports, 15915, 16159, 17263
 foreign assistance authorization, supplemental—
 background information and analysis, 7134
 hearings, 4131, 5810
 print additional copies, report, 7193, 10194, 15882
 law, 7035
 reports, 5688, 5671, 5788, 7090
 foreign assistance program, authorizations and appropriations, 1966, staff memorandum, 1860
 foreign assistance program, report 1965—
 departmental edition, 6075
 document edition, 5600
 foreign economic assistance authorization, 1967, report, 13145
 free world economic cooperation, strengthen, proposals, report, 1793
 important issues, report, 13211
 Latin America, use of excess property by U.S. program, report, 8628
 operations report, 3298
 policies underlying U.S. program, review, background memorandum, 1940
 program status (address), 9051
 proposed economic assistance programs, 1967, AID summary presentation to Congress, 9055
 technical cooperation agreement with Afghanistan, 5171
 U.S. economic assistance programs in Vietnam, investigation, report, 15950
 voluntary—
 programs, reports of American registered agencies, 6078, 7530
 register of agencies, 6077, 10692
 war on hunger problem, message from the President, 4072
 what should be policy of United States? national high school debate topic 1966-67, 13065
 world war on hunger, hearings, 7107, 8645
 print additional copies, reports, 17278, 17544
 staff summary of testimony, 7110
 see also names of countries.
 Foreign assistance, *see* Foreign aid.
 Foreign banking in United States, 12840
 Foreign born, age of foreign stock by country of origin, population of U.S., census, 1960, 211
 Foreign Claims Settlement Commission:
 appropriations, 1967—
 hearings, 15955
 reports, 15938, 17539
 report—
 June 30, 1964, semiannual, 784
 Dec. 31, 1964, semiannual, 10532
 Foreign commerce, *see* Commerce.
 Foreign consular offices in United States, 1966, 9720
 Foreign countries:
 agricultural changes in 26 developing nations, 630
 consular offices in U.S., 9720
 cruise ships out of U.S. ports, require licenses, hearings, 13204
 designations used in compiling U.S. foreign trade statistics, code classification—
 change, 3910
 schedule C, 6936

INDEX 1966

Foreign countries—Continued

developing countries, how to establish current reporting of employment, hours, and earnings, 12209
 gifts and decorations, acceptance by government officials and employees, establish basic uniform standards, reports, 10286, 17238
 governments, District of Columbia headquarters site, acquisition of property etc., authorize, hearing, 11807
 hope for hungry nations (address), 3753
 industrial technical assistance programs, compendium, 10017
 labor conditions, new publications, 4738, 10879
 labor unit cost in manufacturing, 1950-65, trends in 9 countries, 17810
 living costs abroad, Department of State indexes, 2305
 passenger travel to and from U.S., 3467, 12038
 passenger vessels, examination by U.S. Coast Guard—
 hearing, 13039
 report, 12919
 relocating workers used by governments, economic policies and practices, 4040
 shipping, discriminatory practices, reports, 14479
 social security developments, 1471
 statistical briefs, 3536
 statistical publications, accession list, 2993
 tax barriers on foreign investments in U.S., remove, statements, summary, 1878
 tort claims arising, settlement by VA, law, 402
 trade fairs scheduled, sales opportunities for U.S. manufacturers through participation, 4574
 U.S. policy and foreign investment (remarks), 11531
 visa of United States passports, fees charged by foreign countries, list, 8060
see also Foreign agents—*also* subject involved.
 Foreign currencies, *see* Money.
 Foreign curriculum specialists, overseas projects in education, 14553
 Foreign decorations, *see* Decorations of honor.
 Foreign developments in machine translation and information processing, 2988
 Foreign exchange:
 competitive rate accommodation service, suspension, GAO report, 810
 earnings, 1947-63, agricultural exports from temperate and tropical zones, 7293
 gold reserves, international liquidity, current trends, 10416
 rates, monthly, 2989
 rates, weekly, 2990
 regulations governing operations, 16879
 Treasury and Federal reserve operations, 7421, 17663
 United States official operations, 11304
 Foreign languages, *see* Language and languages.
 Foreign market survey (series), 174-178
 Foreign object damage to gas turbine engines, 5300
 Foreign policy, *see* International relations.
 Foreign relations, *see* International relations.
 Foreign Relations Committee, Senate:
 background information, 5806
 calendar, 3136
 committee prints, 574, 1940, 4218, 5806-7, 5811, 7213, 10341-344, 11804, 13211
 consultative subcommittees, list and scope of coverage, 574
 hearings, 575-576, 5805, 5808-10, 8772-73, 11805-807, 13210, 14481, 16186, 17579
 investigations and studies U.S. foreign policies authorization, report, 4179

Foreign Relations Committee, Senate—Continued

reports, 1887, 1914, 5753-54, 5770, 5778, 5787-88, 10279, 10282, 10286, 13087-91, 13144-145, 16001-2, 16102-103, 16136-137, 16157, 16166, 17413, 17529
 Foreign Scholarships Board:
 major activities, summary, 14691
 report, 785
 Foreign Service:
 act, amendments of 1965—
 hearings, 11805
 Ramseyer rule print, 1858, 7139
 act of 1946, as amended to Nov. 7, 1965, 7136
 annuities, adjustments, law, 410
 annuities, increase, and other employee benefits, report, 16157
 biographic register, 12520
 building act, amend—
 hearings, 7137
 law, 17128
 reports, 10169, 16137
 buildings program, inspection in Tokyo, Japan, Hong Kong, Saigon, Vietnam, Bangkok, Thailand, and Wellington, New Zealand, report, 5637
 career, 8055
 career opportunities in USIA, 2618
 department and foreign service series, 8055, 9719-20 12520, 15339, 16854
 embassy construction projects, etc., use of American-made materials, GAO report, 8992
 employees, salary rates, 7159, 14434
 list, 2992
 officers, key, of foreign posts, guide for businessmen, 3104
 see also Overseas service.
 Foreign Service Institute:
 basic language courses—
 Cambodian, 14029
 German, 5153
 Hebrew, 8061
 Moré, 14031
 Serbo-Croatian, 6639
 Swahili, 18122-123
 Turkish, 12539
 Foreign studies extension, overseas projects in education, 16232
 Foreign trade, *see* Commerce—*also* names of countries or places—*also* names or classes of commodities.
 Foreign-trade zones, laws, regulations, etc., 14692
 Foreign-Trade Zones Board, report, 13356
 Foreigners, *see* Aliens.
 Forensic chemistry (USSR textbook):
 preface and table of contents, 7597
 Forensic psychiatry, *see* Psychiatry.
 Forest conservation, *see* Forests and forestry.
 Forest experiment stations, *see* names of stations.
 Forest fires:
 Angeles National Forest area, children-with-matches fires, prevention, etc., 17695
 backfires and headfires in pine needle fuel bed, 5980
 behavior pattern, monthly, types, maps, etc., 17696
 estimating crown fuel weights of red pine and jack pine, 7461
 fire control notes (periodical), 2975
 fire control, seasonal employment, information, 6274
 fire planning in Intermountain West, 14713
 fire prevention signs, modifying communicative effectiveness, 17691
 firebreak maintenance with soil sterilants, 14707
 fuel size components of chamise, variations in moisture content, 10573

Forest fires—Continued

Ouachita Mountains, danger as related to
airmass, 4456
prevention and control, hearing, 14405
prevention, knowledge and attitudes of
residents of Butte County, Calif., 8976
report, 2056
south-central Idaho Douglas-fir, initial
vegetal development following pre-
scribed burning, 16337
statistics, 14693
temperatures in large natural-fuel fire,
10578
10 standard fire fighting orders, pro-
grammed text, 4484

Forest lands, *see* Forests and forestry—
National forests.

Forest nurseries:

tree nurseries in U.S. 1965, list, etc., 8979
tree planters' notes, 2081, 6000, 8979,
10615

Forest patterns, beauty and use, 1599

Forest pest leaflets, 2057, 4438, 7451-54,
14694-696, 16322

Forest plantations, *see* Trees.

Forest planting:

and seeding, report, 6000
Hawaii, record, 2079
reforestation and stand improvement pro-
jects, economic evaluation, 9813
seeding conifers and buffer crops to reduce
deer depredation, 17687
seeding shortleaf pine in Missouri Ozarks,
10592
survival and early growth of planted for-
est trees on strip-mine spoils in anthra-
cite region, 10600
survival and 5-year growth in unit 4,
Waiakea Arboretum, Hawaii, 10576
tree planters' notes, 2081, 6000, 8979,
10615
yellow birch seedlings, growth response to
humus-mineral soil mixtures, 14705

Forest products:

carload waybill statistics, 6083, 12061
demand and price situation, 57
imports and exports via Great Lakes, etc.,
14706
industries, progress in general economy
(address), 14121
insecticides, guide, 9814

Forest Products Laboratory:

publications, lists, 786, 7457, 17682
wood and wood products, mechanical
properties and structural uses, 7455

Forest rangers, in your service, story of their
work, 1582

Forest Reservation Commission, National,
see National Forest Reservation Commis-
sion.

Forest Service:

adjustments made in fees charged for sum-
mer-home sites on national forest lands,
GAO report, 4497
annual report, 5974
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10160, 10281
employment, nonprofessional, 8149
equipment development ED&T report, 4437
films available for educational purposes,
list, 5971
in changing conservation climate, I & E
approaches to organizational and public
needs, 5972
Pacific Northwest Region, timber measur-
ing, GAO report, 7476
poster—
how a tree grows, 7456
what we get from forest land, 802
rental of employees' property—
hearings, 4118
report, 1909

Forest Service—Continued

research notes, 788-792, 2058-73, 4439-
60, 5975-89, 8954-67, 10563-589,
13357-369, 14699-711, 16323-335,
17683-696
research papers, 793-801, 2074-78, 4461-
76, 5990-97, 7461-62, 8968-77, 10590-
610, 11994, 13370-373, 14712-716,
16336-339, 17697-704
resource bulletins, 2079-80, 4477-80,
5998-99, 7463, 10611-612, 11995-996,
14717-720
timber-cutting practices in Pacific North-
west Region, need for effective controls,
GAO report, 16345

Foresters:

conservation occupations, 9224
examination announcement, 3980
on-the-ground demonstration of northern
hardwood timber management, 11992

Foresteri, Americo F., effect of ionizing
radiation on ruby, 7888

Forestry, *see* Forests and forestry.

Forestry cooperatives, public assistance in
organizing, etc., 12612

Forests and forestry:

Agriculture Dept. provides year-round fun,
publications list, 6775
area-oriented multiple use analysis, 8971
Caribbean forester, 2730
compound interest tables for long-term
planning in forestry, 12595
controlling light in small clearcuttings,
801
costs, analyzing, gross job time study, ef-
ficient method of analyzing, 4450
do petroleum-based coatings add fuel value
to slash? 10572
East European forestry, translations,
3601
fair labor standards act, applicability to
forestry or logging operations, 11312
forest patterns, beauty and use, 1599
forestry aids, conservation occupations,
9224
forestry conservation, activities guide for
youth group leaders, 16935
genetics and related research, annotated
bibliography, 14715
Indian forest enterprises, recovery of
Gov't. expenditures, GAO report, 7467
industries in Pacific Northwest—
production, prices, employment, and
trade, 3426
prospective developments, 6875
industry, applying linear programming,
10609
insects—
conditions in Pacific Northwest, 10555
conditions in United States, 16321
inventory system for multiple use evalua-
tions for forest land, 7462
juniper and pinyon woodlands, Cibecue
Ridge, throughfall for summer thunder-
storms, 6033
Kentucky's resources—
Blue Grass Unit, 14718
Eastern Unit, 11995
Northern Cumberland Unit, 11996
Pennroyal Unit, 14717
Southern Cumberland Unit, 4477
Western Coalfield Unit, 14720
Western Unit, 14719
litter in longleaf pine stands, thinned to
prescribed densities, 16334
loblolly pine plantations, forest floor re-
lated to stand characteristics, erosion
study, 4459
lodgepole pine reproduction after slash dis-
posal treatments, 13364
logging and slash burning, effect on under-
story vegetation in H. J. Andrews Ex-
perimental Forest, 8961
Louisiana forests, 2080
McIntire-Stennis cooperative forestry re-
search program, administrative manual,
14132

- Forests and forestry—Continued
 Maine, southern, average growth rates, 17685
 motivations of small-woodland owners, summary of 9 State studies, 697
 multiple use management, forest conservation for growing nation, 16938
 nighttime drying in Santa Ana Mountains, 2068
 northern hardwood stands, 4 methods of marking 2d growth, 14700
 northern, problems of habitat management for deer and elk, 8973
 petroleum gel as slash ignition and fuel booster, 10584
 prescribed burn, effect on habitat, 16329
 publications, price list, 12458
 radiant energy in relation to forests, 1609
 research, cooperative program fact sheet, 5837
 research notes, 788-792, 2058-73, 4439-60, 5975-89, 8954-67, 10563-589, 13357-369, 14699-711, 16323-335, 17683-696
 research papers, 793-801, 2074-78, 4461-76, 5990-97, 7461-62, 8968-77, 10590-610, 11994, 13370-373, 14712-716, 16336-339, 17697-704
 resource bulletins, 2079-80, 4477-80, 5998-99, 7463, 10611-612, 11995-996, 14717-720
 schools in U.S., list, 10556
 seasonal employment, information, 6274
 signing for no smoking ordinance in southern California, 2065
 silvics of European alder, 11997
 silvics of forest trees of United States, 29
 slash cleanup in ponderosa pine forest affects use by deer and cattle, 13366
 soil sampling, wetland plots in Coastal Plain, 14711
 solar beam irradiation on slopes, 10607
 spruce-fir forests, use of openings by elk, deer, and cattle, Arizona, 13368
 station paper, Southeastern Station, 4483
 Utah, forests, 4478
 water supply and forests, general information, 16922
 what we get from forest land, poster, 802
 yield tables for managed stands with special reference to Black Hills, 13373
see also Chaparral—Forest fires—National forests—Timber—Trees—Volume a and d
 yield tables—*also* names of forests.
- Forges, forge shop occupations, employment outlook, 9241
- Forgings:
 census of manufactures, 1963, industry report, 6906
 high energy-rate forging, effect on structure and properties, 9378
see also names of metals, etc., forged.
- Form letters, *see* Correspondence.
- FORMAC (formula manipulation compiler), *see* Electronic computers.
- Formcoke, *see* Coke.
- Forming tool improves quality of tubing flares, 4838
- Forms, blanks, etc.:
 index of AMC blank forms, military, 5340
 management guide, 12443, 16772
 manifold business, census of manufactures, 1963, industry statistics, 8332
 operating forms, Federal manual for supply cataloging, 605
 standard forms, standard, optional, and GSA forms, 16290
see also names of departments, etc., issuing or using forms—*also* subjects.
- Formulation of problems of finding stress functions with aid of biharmonic potentials, 5000
- Forney, Albert J., decaking of coals in fluid bed, 10931
- Forrestel, E. P., Admiral Raymond A. Spruance, USN, study in command, 12412
- Forsberg, Kevin, modal characteristics of cylindrical shells, 16618
- Forsyth, Gordon J., reclamation era, 3456
- Forsythe, Richard W., impulse and thrust test of sublimating-solid micropropulsion system, 6432
- Fort, *see* name of fort, except when occurring as first word of name of town, etc.
- Fort Belknap Indian Reservation, geology and hydrology, 824
- Fort Brooke Military Reservation, convey land located in, to Puerto Rico, report, 17495
- Fort Caroline National Memorial, general information, 1330
- Fort Clatsop National Memorial, general information, 11125
- Fort Donelson National Military Park, general information, 17957
- Fort Huachuca Military Reservation, southeastern Arizona, water resources, 13417
- Fort Laramie National Historic Site, general information, 17958
- Fort Lyon Veterans Hospital, real property, retrocede jurisdiction to Colorado, report, 10132
- Fort Matanzas National Monument, general information, 7944
- Fort Meade quadrangle, Fla., economic geology, 12011
- Fort Randall Dam, flow in chute spillway, hydraulic prototype tests, 10443
- Fort Smith National Historic Site, general information, 6507
- Fort Union Trading Post National Historic Site:
 establish—
 law, 11567
 report, 11742
- Fort Vancouver National Historic Site, general information, 9569
- Fort Worth, Tex.:
 area wage survey, 6264
 Federal office building, name in honor of Fritz Garland Lanham—
 law, 15723
 reports, 8545, 13185
 housing project for elderly, FHA approval of mortgage insurance, GAO report, 6021
 principal electric facilities, map, 7379
- Fortran, *see* Electronic data processing systems.
- Forums (discussion and debate):
 ad-hoc, scientific and technical information analysis center managers, directors, and professional analysts—
 directory, 12677
 proceedings, 12676
- Forwarders, *see* Freight forwarders.
- Fosberg, Michael A.:
 case study of Santa Ana winds in San Gabriel Mountains, 8964
 example of nighttime drying in Santa Ana Mountains, 2068
- Fosick, Clyde A., applying linear programming in forest industry, 10609
- Fossils, paleobotany of Cook Inlet region, Alaska, 12020
- Foster, John F., use of silver oxide as regenerative carbon dioxide sorber, 10962
- Foster, Norman G., mass spectra and correlations with structure for butylthiophenes, 7710
- Foster grandparent program, 14526
- Foster Wheeler Corp., conceptual design of 50 MGD desalination plant, 13430
- Foundations (charitable and educational):
 private foundations, Treasury Department report, written statements by interested individuals and organizations, 1873, 1877
- Foundations (construction):
 arctic and subarctic construction, 12663
 design of buildings and other structures, procedures, Army technical manual, 130

- Foundations (construction)—Continued
grouting, planning, engineering and design
manual, 17633
new model, 12649
spread footing tests on snow, 14212
- Foundries:
copper-base products, current industrial
reports, 2818, 8352
foundry products, census of manufactures,
1963, industry statistics, 6905
iron and steel—
census of manufactures, industry report,
3899
current industrial reports, 2817
nonferrous, industry wage survey, 10873
occupations, employment outlook, 9301
USSR, new regional, 12121
Foundry supplies, foundry equipment, indus-
trial plant equipment handbook, 11842
Fountain County, Ind., soil survey report,
18105
- 4-H clubs:
challenge to young America (address),
3748
first-year members, meeting basic needs,
8152
- Fourier coefficients, *see* Coefficients.
- Fournier, Roger H., supersonic aerodynamic
characteristics of series of related bodies
with cross-sectional ellipticity, 15157
- 14-B, *see* Industrial relations.
- Fourth-class mail rates, *see* Postage.
- Foveal acuity, *see* Acuity.
- Fowells, H. A.:
natural regeneration in relation to environ-
ment in mixed conifer forest type of
California, 8975
silvics of forest trees of United States, 29
- Fowler, E. Eugene, address, Nov. 17, 1965,
163
- Fowler, Henry H.:
remarks, statements, etc.—
Oct. 14, 1965, 1521
Nov. 8, 1965, 1515
Nov. 17, 1965, 1517
Nov. 19, 1965, 1522
Nov. 28, 1965, 1518
Nov. 30, 1965, 2617
Dec. 2, 1965, 1516
Dec. 8, 1965, 1519
Dec. 10, 1965, 1520
Dec. 21, 1965, 2615
Jan. 18, 1966, 5195
Feb. 14, 1966, 6676
Feb. 17, 1966, 6678
Mar. 14, 1966, 6677
Mar. 23, 1966, 8106
Apr. 4, 1966, 8105
Apr. 5, 1966, 8104
Apr. 21, 1966, 9749
Apr. 27, 1966, 9750
May 3, 1966, 9744
May 4, 1966, 9752
May 5, 1966, 9751
May 27, 1966, 11300
June 12, 1966, 11302
June 16, 1966, 11303
June 17, 1966, 11301
July 25 and 26, 1966, 14053
Sept. 21, 1966, 16890
Sept. 28, 1966, 16891
Oct. 14, 1966, 16884
- Fox, Charles H., radioactive wastes, 15549
- Fox, Lawrence A., address, Apr. 14, 1966,
9050
- Fox, R. B. photolysis of polystyrene films
in vacuum and in air, 2496
- Fox, Thomas A.:
critical mass studies with NASA zero
power reactor, II—
clean homogeneous configurations, 1263
heterogeneous arrays of cylindrical
voids, 15167
- Foy, Bernard L.:
bibliography for TVA program, 11291
indexed bibliography of Tennessee Valley
Authority, Jan. 1963-Dec. 1964 cumu-
lative supplement, 12544
- FPC, *see* Federal Power Commission.
- FPC R series, 4379, 5940
- FPC S series, 4380-81, 7373, 8903, 11926
17655
- Fraas, Foster, matrix-type magnetic sepa-
rator 4800
- Fracastorius, LAC 97, lunar chart, 85
- Fractionation, tissue, zonal centrifuges and
ancillary systems development, 15289
- Fractographs, electron microscope, interpre-
tation, 9597
- Fracture of metals:
aluminum etc., tanks, projectile-impact-
induced fracture, 11076
brittle fracture concepts, studies, 5135
cold reduction as means of reducing em-
brittlement of cobalt-base alloy (I-605),
13832
crack extension and propagation under
plane stress, 9641
developed in wet fatigue, Ti-7Al-2Cu-1Ta
and Ti-6Al-4V fractures, fractographic
analysis, 12423
fatigue-crack propagation and residual
static strength of PH 15-7 Mo (TH
1050) stainless steel, 2433
fatigue cracks detected and measured
without test interruption, 9483
fracture-safe design of complex welded
structure, concepts and procedures, 1379
high-manganese, low-carbon steel for ship
plate, mechanical properties, 14010
impact fracture of walls of liquid-filled
tanks, effect of projectile size and ma-
terial, 16688
micro- and macrocrack formation, 2551
modes, electron microscope examination,
1377
plate, extension, effect of orientation of
rectilinear crack on its propagation,
2447
pressure vessels, through-cracked cylindri-
cal, fracture mechanics, 6437
salt stress corrosion cracking of residually
stressed Ti-8Al-1Mo-1V sheet, 7837
semi-atomistic model for flaw-induced frac-
ture in non-ductile materials, 9439
steel, exhaustion of ductility under notch
constraint following uniform prestrain-
ing, 14009
steel, fatigue cracked, conditions of fail-
ure, 6541
stress-intensity factors for 3-point bend
specimens by boundary collocation, 2410
testing for cracks with paramagnetic fluor-
escent testing media, East German
study, 4682
titanium alloy plate and forgings, tough-
ness tests, 1355
titanium alloys for deep-diving vehicles,
toughness characteristics, 1362
- Fragmenting tubes, *see* Tubes.
- Fraguio, Guillermo Anido y, *see* Anido,
Guillermo.
- Fraise, Georges, relief, 12896, 17067
- Fram Corporation, Tariff Commission re-
port to Automotive Agreement Adjustment
Assistance Board in case pertaining to
certain workers, 15387.
- Frame houses, *see* Houses.
- Frames, house-framing system for low-cost
construction, 15452
- Framingham, Mass.:
habits and coronary heart disease, study,
18005
local protection, Sudbury River, Saxon-
ville, engineer report—
departmental edition, 672
document edition, 538
- Franca, Jorge I. Miguel, *see* Miguel Franca,
Jorge I.

INDEX 1966

France :

American military installations and NATO bases, onsite inspection, subcommittee report, 15961
 business machines and equipment, 7007
 education, commission for educational exchange and financing programs, agreement, 5162
 electronic products, market information, 10028
 French-Russian relations, *Le Monde* discussion, 2170
 industrial equipment industries, 5550
 labor conditions, 13630
 manpower policy and programs, 16515
 market for scientific, industrial and technical instruments and equipment, 1773
 market for toys, games, dolls, 347
 mineral industry, minerals yearbook chapter, 13689
 north coast, sailing directions, 5053
 selling in France, 344
 weather stations, cooperative program on Guadeloupe Island, agreement, 16867
 withdrawal from military cooperation in NATO—
 hearings, 11651
 reports, 14418, 15919
 Franchise tax :
 District of Columbia, amend act—
 laws, 15761, 17106
 reports, 12905, 17201
 Franchise (business) :
 description (remarks), 4020
 franchise company data, equal opportunity in business, 8425
 franchise firms which do not discriminate, etc. (remarks), 351
 franchising agreements, effect on small business, hearings, 14495
 Francis, Peter S., ultrathin reverse osmosis membranes, 9039
 Francis Case Memorial Bridge, designate, report, 479
 Franco, John J. :
 model study of Bessie Cutoff, Mississippi River, 678
 navigation conditions at Locks and Dam no. 4, Monongahela River, 16250
 Franco, Miriam Sierra-, *see* Sierra-Franco, Miriam.
 Franco-American Commission for Education Exchange, agreement, 5162
 Frank, Ernest C., potential solar beam irradiation on slopes, 10607
 Frankel, Charles, lecture, Apr. 25, 1966, 12524
 Frankel, H. M., Jr., serum lipids and blood ketones during progressive hyperthermia, 12365
 Frankfort, J. H., engineering and evaluation study for manufacture of wood-plastic composites, 15534
 Frankfurt, Germany, U.S. trade center, 14783
 Franking privilege, telegraph and telephone, FCC rules and regulations, 2927
 Franklin, W. P., Lock and Control Structure, *see* W. P. Franklin Lock and Control Structure.
 Franklin County, Fla., oyster-based economy, 6585
 Franklin County, Mass., surficial geology, 9006
 Franklin D. Roosevelt Library, general information, 11087
 Franklin Delano Roosevelt Memorial Commission :
 appropriation authorization, increase, law, 407
 appropriations, 1967—
 hearings, 7113, 8763
 law, 10086
 reports, 8592, 10281
 Franquiz, Jose J. Diaz, *see* Diaz Franquiz, Jose J.

Franta, Allen L. :

achieving Ariel II design compatibility, 9504
 integrating spacecraft systems, 7813
 Frantz, John C., Federal Government and public libraries, 10-year partnership, 13419
 Fraser, T. M. :
 effects of confinement as factor in manned space flight, 13711
 human response to sustained acceleration, 10978
 philosophy of simulation in man-machine space mission system, 10977
 Frasier, Roberta C., helping parents teach young children, 8162
 Fraud :
 fakes and swindles in health field, catalog, 7448
 sale of real estate subdivisions through mails and in interstate commerce, prevent, hearings, 16178
 Fraud and mailability, enforcement action, 3005
 Frayer, Warren E., average forest growth rates in southern Maine, 17685
 Frazier, Emery L., our Capitol, 17404
 Frazier, Ralph P., teaching guide to science and cancer, 7932
 Fredericksburg and Spotsylvania National Military Park, general information, 9570
 Fredga, Kerstin, temperature control unit for sounding rocket applications, 16655
 Fredriksen, R. L., Christmas storm damage on H. J. Andrews Experimental Forest, 2064
 Free atmosphere, *see* Atmosphere.
 Free enterprise, *see* Laissez faire.
 Free press and fair trial, hearings, 4225
 Free-stall dairy system for 101 cows, 16933
 Freeberg, Jacquelyn H., terrestrial impact structures, 16356
 Freedman, Alfred M., address, July 26, 1965, 16790
 Freedman, Audrey, impact of office automation in insurance industry, 4730
 Freedmen's Hospital, appropriations, 1967, amendment, 13067A
 Freedom, *see* Liberty.
 Freedom of the press, *see* Liberty of the press.
 Freedom of religion, *see* Religious liberty.
 Freeman, Orville L. :
 addresses, etc.—
 Sept. 21, 1965, 31
 Oct. 6, 1965, 1603
 Oct. 7, 1965, 1607
 Oct. 13, 1965, 1608
 Oct. 22, 1965, 1605
 Oct. 23, 1965, 1604
 Nov. 12, 1965, 3738, 3740
 Nov. 15, 1965, 3739
 Nov. 23, 1965, 3753
 Dec. 13, 1965, 3769
 Dec. 16, 1965, 3768
 Jan. 5, 1966, 5280
 Jan. 11, 1966, 5282
 Jan. 12, 1966, 9508
 Jan. 25, 1966, 5281
 Feb. 1, 1966, 6777
 Feb. 8, 1966, 9839
 Mar. 7, 1966, 9804
 Mar. 9, 1966, 9805
 Mar. 12, 1966, 9838
 Mar. 21, 1966, 9807
 Mar. 22, 1966, 9810
 Mar. 28, 1966, 9836
 Mar. 30, 1966, 9809
 Mar. 31, 1966, 9806
 Apr. 5, 1966, 9873
 Apr. 13, 1966, 14160
 Apr. 16, 1966, 11345
 May 4, 1966, 14121
 May 13, 1966, 14128
 May 14, 1966, 14126
 May 25, 1966, 14153
 May 26, 1966, 14152

- Freeman, Orville L.—Continued
addresses, etc.—continued
June 9, 1966, 14124
June 11, 1966, 14134
June 16, 1966, 14151
June 18, 1966, 14123, 14158
June 23, 1966, 14125
June 29, 1966, 14122
July 22, 1966, 14127, 14156-157
July 23, 1966, 14154-155
July 29, 1966, 14120
Aug. 4, 1966, 12613
- Freeman, Richard M.:
parotid fluid total protein in patients with uremia and proteinuria, 9875
serum and parotid fluid free 17-hydroxycorticosteroid levels in acute and chronic renal failure, 1627
- Freeman, Robert E., agricultural marketing, vital link between farmer and consumer, 6753
- Freeport, Tex., saline water conversion demonstration plant, annual report, 12049
- Freeways, *see* Roads and highways.
- Freezing:
desalting water by freezing, heat calculation of equipment, USSR study, 4649
home freezing of fruits and vegetables, 14137
saline water conversion, research, 7516, 10672
sea ice, heat, 16956
- Freight:
carload waybill statistics, 1963—
agricultural products, 7532, 7535
all commodities, traffic and revenue, 6080
animals and products, 6081
forest products, 6083
manufactures, etc., 6082, 7531
mileage distribution by type of car, 7534
mine products, 7533, 7536
territorial distribution by type of car, 9056
tons of revenue freight originated and terminated by States and commodity class, 7537
traffic and revenue, 6084
weight distribution by type of car, 12062
commodity statistics, annual report, 17747
cost study of motor carriers, Middle Atlantic region, 6087
descriptions and suffixes, Army regulation, 8232
see also Shipments.
- Freight cars:
insure adequate supply—
law, 10081
report, 8624
- Freight forwarders:
air freight forwarder industry growth (remarks), 8381
air freight forwarders, role in air transportation industry, hearings, 14442
regional air cargo workshop (remarks), 14286
revenues, expenses, and statistics, quarterly, 3477
transport statistics, 4585
- Freight rates:
cost of transportation by class 1 and 2 motor common carriers—
by region or territories, 17746
east-south territory, 6085
eastern-central territory, 6086
south central territory, 7538
southern region, 6088
- ocean—
barrier to expanding beef exports, report, 564
discriminatory, and balance of payments—
hearings, 1792, 14369
report, 14370
guidelines for shippers, 12770
- Freight rates—Continued
ocean—continued
military cargoes, by U.S.-flag ships at reduced rates—
hearings, 14478
reports, 16109, 17314
railroad carload traffic, 1955-63, indexes, 6090
reduction for exports, Action Committee report, 7005
- Freight trains, *see* Railroads.
- Freitas, Branca da Gloria F., relief, 1810
- French, Burrell O., effects of low frequency pressure fluctuations on human subjects, 6464
- French Broad River:
upper area, economic and resource development, summary—
basic data supplement, 2605
opportunities, resources, regional economy, 2604
- French fried potatoes, *see* Potatoes.
- French Guiana, mineral industry, minerals yearbook chapter, 7691
- French Polynesia, Makatea Island, mineral industry, minerals yearbook chapter, 6297
- French Somaliland, mineral industry, minerals yearbook chapter, 9362
- Freon:
freon 114, cavitation similarity considerations based on measured pressure and temperature depressions in cavitated regions, 13824
provides heat transfer for solid CO₂ calibration standard, 12299
- Frequencies:
absorption coefficient of seismic waves, determination of dependence, 16444
frequency and frequency-time systems of digital telemetering, USSR study, 7629
hydrogen maser, comparison with cesium beam standard, 7834
Korotkov blood pressure sounds, analysis, 8209
natural for transverse vibration of tapered beams, tables, 9417, 10936
see also Radio frequencies.
- Frequency discriminators, binary output eliminates, tuned circuits, 1224
- Frequency dividers, free of spurious outputs, 1210
- Frequency independent technique for extracting rigid-body motion from total motion of large flexible launch vehicle, 1272
- Frequency measurement, short-term frequency stability, IEEE-NASA symposium, proceedings, 1196
- Frequency modulation, *see* Radio frequency modulation.
- Frequency standards, rubidium vapor, long-term performance, 15210
- Frerichs, Fritz A., relief, 8528, 11543, 11701
- Fresh fruit, *see* Fruit.
- Fresh-water fishes, *see* Fish and fisheries.
- Fresnel integral, application to calculation of radiated acoustic field of rectangular pistons, 1373
- Fresno, Calif., motor carrier accident, 7541
- Frey, Edward R., revision of money supply series, 17662
- Fricative sound, *see* Sound.
- Friction:
aluminum oxide in contact with various metals in vacuum, 15185
bearing alloys with hexagonal crystal structure provide improved friction and wear characteristics, 15103
characteristics of—
polyimide, etc., in vacuum, 6441
single crystal and polycrystalline aluminum oxide in contact in vacuum, 15190
single-crystal beryllium in vacuum, effect of orientation, 12358

- Friction—Continued
 factor and heat transfer correlation for irradiated organic coolants, 9920
 factors for helical corrugated pipe, 8127
 factors for large conduits flowing full, 2548
 gasdynamic, during blowing or suction through wall adjacent to flow, effect of rarefaction on, 4997
 heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192
 loading device enables accurate testing of brittle materials, 13780
 static, magnetic-tape, testing device, 9526
 torque in spur gear trains, analysis, 6542
 tungsten, influence of grain orientation, 4970
see also Internal friction—
 Skin friction (aircraft).
- Friedericy, Johan A., behavior of floating ring dampers and dynamics of hypercritical shafts on flexible supports, 136
 Friedland, Bernard, study of quasi-optimum feedback control techniques, 15043
 Friedlander, Alan L., analysis of optimal celestial-inertial navigation concept for low-thrust interplanetary vehicles, 10938
 Friedman, Manfred P., behavior of sonic boom shock wave near sonic cutoff altitude, 4815
 Friedmann, Herbert:
 Bartolome Bermejo's Episcopal saint, study in Medieval Spanish symbolism, 9651
 host relations of parasitic cowbirds, 18095
 Friend, Berta, nutritive value of food available for consumption, United States, 5270
 Friendship International Airport, high-speed ground transportation to, study, report, 13153
 Frichtenicht, J. F., experiments on impact-light-flash at high velocities, 7738
 Fringe benefits, *see* Employee benefits plans.
 Frischmuth, Robert W., jr.:
 bonded plastic tape use for lining filament-wound fiber-glass cryogenic propellant tanks, 4950
 glass flakes as liner for fiber-glass cryogenic propellant tanks, 4893
 thin films as floating liners for fiber-glass cryogenic propellant tanks, 4949
 Fritz Garland Lanham Federal Office Building:
 Fort Worth, Tex., name—
 law, 15723
 reports, 8545, 13185
 From school to work, 60
 Frosch, Robert A., nomination, hearing, 11790
 Frost, W. T., water supply outlook and Federal-State-private cooperative snow surveys for Oregon, 3692
 Frost:
 heaving pressures, 3816
 heaving, principles, 3815
 injury to bitterbrush in eastern California, 4449
 penetration and trafficability in two peats as affected by snowpack and surface mosses, 5981
 Frozen foods, census of manufactures, 1963, industry statistics, 6889
see also Cold storage—*also* names or classes of foods frozen.
 Frozen ground:
 bibliography, with abstracts, 16957
 frost-heaving pressures, 3816
 migration and crystallization of interlamellar water during freezing and thawing of Wyoming bentonite, 8243
 strength and creep of frozen soils, 11891
 visual resolution and optical scintillation, 8233
- Fruit:
 canned—
 economic inquiry into marketing, 2033
 foreign agriculture circulars, 2987
 certification of fruit entering Netherlands for possible transshipment, 5272
 culture, etc. publications price list, 1404
 deciduous, foreign agriculture circulars, 2987
 disinfection by gamma irradiation, dosimetry, tolerance, and shelf life extension, annual report, 8296
 dried, foreign agriculture circulars, 2987
 fresh—
 market news, weekly summary, 3006
 prices, 1965, Chicago and New York City, 9840
 shipments, by commodities, States, etc., 14508
 shipments by States, 10373
 United States standards, check list, 8791
 unloads—
 eastern cities, by commodities, States, etc., 5833
 for 41 cities, 7240
 midwestern cities, by commodities, States, etc., 5834
 southern cities, by commodities, States, etc., 5835
 western cities, by commodities, States, etc., 7239
 fruit situation, 3009
 gamma radiation to extend market life, 45
 home freezing, 14137
 how to use USDA grades in buying, 16936
 import competition, 16727
 include certain fruits in agricultural marketing agreement act of 1937, hearing, 14406
 industry, organization and competition, 15215, 16727-728, 17949
 insect pests of deciduous fruits in West, 14130
 marketing orders, Federal and State legislation, 17949
 noncitrus, production, use, value, by States, 15379
 northern Great Plains, growing for home use, 3751
 processed, plants under USDA continuous inspection, list, 16202
 prototype commercial forced-air precooler, 3732
 selected fruits and products, homemakers use of and opinions about, 15449
 shelf life, extending by use of radiation technology in postharvest procedures, 5413
see also Citrus fruit—*also* names of fruits.
 Fruit and Vegetable Bargaining Cooperatives, National Conference, *see* National Conference of Fruit and Vegetable Bargaining Cooperatives.
 Fruit juices, consumer purchases (periodical), 2794
 Fruits, *see* Fruit.
 Frustums, conic, right circular, flotation, stability characteristics, 7845
 Frutchey, Fred P., motivations of small-woodland owners, 697
 Frutiger, Hans, manual for planning structural control of avalanches, 13371
 Frutkin, Arnold W., space and International Cooperation Year, national challenge, 1192
 Fry, Edward R., revision of bank credit series, 13228
 FSLIC, *see* Federal Savings and Loan Insurance Corporation.
 FTC, *see* Federal Trade Commission.
 Fuel:
 briquets and packaged fuel, minerals year-book chapter, 15006
 economical fuels, savings by using at VA field stations, GAO report, 14739

Fuel—Continued

Federal item identification guides for supply cataloging, supplements, 2937
fuels and electric energy used, annual survey of manufactures, 12637
hydrocarbon, flammability properties, 5071
industries, employment and injuries, minerals yearbook chapter, 1109
mineral-fuel industries review, minerals yearbook chapter, 2357
mineral fuels, minerals yearbook—departmental edition, 4784
document edition, 4047
moisture content of indicator sticks from weather variables, estimates, 10606
physical and chemical fundamental in use of motor, jet, and rocket fuels, USSR study, 13509
plastics compatibility, 8817
propellant fuels, pharmacology and toxicology, boron hydrides, 14188
retail prices and indexes, 3474
rocket fuel, fluorine and compounds as oxidizers, USSR study, 16473
sloshing, fundamental damping law, 6429
see also Fuel oils—Motor fuel.
Fuel briquets, *see* Briquets.
Fuel cells, *see* Electric batteries.
Fuel elements, *see* Reactor fuel elements.
Fuel oil:
ammonium nitrate, sympathetic detonation, 7714
bunker oil, foreign trade reports, 3641
burner fuel oils, petroleum products survey, 16569
diesel, petroleum products survey, 4786
facilities and systems, repairs and utilities, Army technical manual, 3831
farmers tax credit, 14775
liquid fueling and dispensing facilities, Navy design manual, changes, 1569
Fuels, *see* Fuel—Reactor fuels.
Fulbright program, *see* Education.
Fulkerson, Frank B., iron and steel scrap in Arkansas, etc., 9360
Fuller, Franklyn B., plane thermoelastic deformation of internally heated annular disks or hollow cylinders, 4985
Fuller, Harry C.:
decomposition of manganese sulfate by partial reduction process, 10930
recovery of manganese sulfate crystals from solution by submerged combustion evaporation, etc., 9382
Fullmer, Irvin H., dimensional metrology, subject-classified with abstracts, etc., 12383
Fulton, Robert E., effect of face-sheet stiffness on buckling of cylindrical shells of sandwich construction, 11074
Fulton, Ill., bridge across Mississippi River, revive act, etc., law, 12825
Fun Wat Hoy, *see* Hoy, Fun Wat.
Fun with circles, guide for parents, 9828
Function generators, eliminates necessity of series summation, 13786
Functional analysis, aircraft performance, calculus of variations, applications, 10965
Functions (mathematical), *see* Logarithms—Mathematics.
Fund raising, voluntary health and welfare agencies within Federal service, manual, 1756, 3178, 6968, 11499, 17043
Fundamentals of electronics, cross reference index of transparencies, 15244
Funds:
financial administration, accounting and control, NGB pamphlet, 12390
foreign funds control, regulations and related documents, 15398
land water conservation, 1st year and a half, 15255
unauthorized use of management and investigations of resources funds for new construction, by Sport Fisheries and Wildlife Bureau, GAO report, 16351

Funds—Continued

see also Money—Nonappropriated funds—Welfare funds—*also* names of departments, etc., for which funds are used—*also* subjects for which funds are used.
Funeral rites and ceremonies, *see* Military funerals.
Fungi, *see* Leaf cast.
Funk, David T., silvics of European alder, 11997
Funnels, modified Marsh funnel measures fire retardant viscosity, S956
Fur:
catch in U.S., 783, 16316
Federal item identification guides for supply cataloging, supplements, 2939
industry, survey, United States, facts and figures, 8318
Fur seals, *see* Seals (animals).
Furbay, Walter M., bargaining cooperatives look to future, 14595
Furfari, Santo A., shellfish, depuration plant design, 13962
Furman, Sylvan S., community mental health services in northern Europe, 5025
Furnaces:
equipment, Federal item identification guides for supply cataloging, supplements, 2935
high-speed, uses infrared radiation for controlled brazing, 12310
industrial, industrial plant equipment handbook, 7254, S798
see also Blast furnaces—Electric furnaces—Induction furnaces.
Furnaricola, *see* Lice.
Furnishings, *see* Household goods.
Furniture:
and fixtures, census of manufactures, 1963, manufacturing plants, location, 12699
Federal item identification guides for supply cataloging, supplements, 2939
household—
census of manufactures 1963, industry report, 3890
current industrial reports, 11464
wood, except upholstered, industry wage survey, 10872
miscellaneous, census of manufactures, 1963, industry report, 6899
production in Tennessee Valley, 2607
products, commodity transportation survey, shipper series, 216
retail furniture report, 3473
upholstery, expanded vinyl fabrics, standard of trade, 11089
see also Office furniture and equipment.
Furniture stores, *see* Stores.
Fused-fluoride electrowinning of thorium-base alloys, 10927
Fused salts, *see* Salts.
Fuselage, forward, of X-15 airplane and model, flow conditions, 11069
Fuses (ignition devices):
consolidated identification list for test evaluation, Federal supply catalog, Department of Defense section, 8809
variable timing, savings through direct procurement of components, GAO report, 6018
Fuses (safety devices):
single connector provides safety fuses for multiple lines, 6376
Fuste, Ricardo R., relief, 17447
Futures, *see* Commodity exchanges—Speculation.
Futures in Federal Government, 6973
Fuze covers, *see* Covers.
Fuzes, *see* Fuses (ignition devices)—Fuses (safety devices).

G

G.A.O., *see* General Accounting Office.
Gaarder, A. Bruce, improving instruction in public schools through title 3 of NDEA, 11874

INDEX 1966

- Gabbay, Annie, relief, 1806
- Gabelman, John W.:
examination of selected areas in Peru, 5398
reconnaissance for uranium in northeast coastal Brazil, 5399
- Gabon:
background notes, 8043
mineral industry, minerals yearbook chapter, 1122
- Gages:
dimensional metrology, subject-classified with abstracts, 12383
ocean wave direction, 8856
polymer deformation, measures thickness change in tensile tests, 7801
thin-film, measures low heat-transfer rates, 9484
see also Ionization gages—Liquid level gages—Piston gages—Pressure gages—Strain gages—Vacuum gages.
- Gaging stations, Pacific Northwest, annual peak water discharge, 14745
- Gagne, G. A., time-varying human operator dynamics, Project Icarus, 13717
- Gahn, Randall F., determination of oxygen in potassium, 15135
- Gaines County, Tex., soil survey report, 9712
- Gaits, walking and running, in earth and simulated lunar gravity, 12339
- Gajdusek, D. Carleton, slow, latent, and temperate virus infections, 13978
- Gale, Fred E., AEC citation for outstanding service (remarks), 168
- Galena, infrared spectroscopy studies of xanthate-galena system, 15021
- Galerucine beetles, *see* Beetles.
- Gales, *see* Storms.
- Gallen, Mich., railroad accident, 12078
- Gall, Lorraine S., study of normal fecal bacterial flora of man, 10942
- Gallagher, Cornelius E.:
conference developments and supporting activity by Arms Control and Disarmament Agency, 1857
report of 9th meeting of Canada-United States Interparliamentary Group, 17326
- Gallaher, John T., hydrology of alluvial deposits in Ohio River Valley in Kentucky, 4530
- Gallatin County, Mont., geology and coal resources, 12025
- Gallaudet College:
model secondary school for deaf to serve National Capital region, establishment and operation—
hearings, 15966, 16194
reports, 17273, 17526
- Gallimore, William W., contracting and other integrating arrangements in turkey industry, 49
- Gallinules, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Gallium:
alloy films investigated for use as boundary lubricants, 9472
phosphide or arsenide, zinc diffusion problems, 9412
spectrophotometric determination in plutonium-gallium alloy, 3847
- Galloway, Eilene, space treaty proposals by United States and U.S.S.R., 13189
- Galloway, Emmet V., marketing information guide, annotated bibliography, 3184
- Galois theory, Laplace-Galois transform in theory of series machines, USSR, study, 9154
- Galura, Julieta G., *see* Bersamin, Julieta G.
- Galvanic skin response, measurement with improved electrode paste, 6375
- Galveston, Tex., commodity transportation survey, production area series, 8346
- Gambart, AIC 58 C, lunar chart, 86
- Gambell, Arlo W., chemical composition of rainfall eastern North Carolina and southeastern Virginia, 13414
- Gambia:
background notes, 8044
mineral industry, minerals yearbook chapter, 9362
- Game and game birds:
big game inventory, 782, 16315
migratory birds—
Bear River Refuge, 14657
conservation, protection, and propagation of endangered species, hearing, 7206
Federal regulations governing hunting, possession, transportation, importation, in Alaska, 14673
- Game theory:
application of philosophy, USSR study, 9112
cybernetics application in economics, USSR study, 6212
NREC programs for gaming, logistics of national survival, 1982
- Games:
market in France, 347
market in Italy, 7006
play with baby, guide for parents, 6770
- Gamma globulin, immune, treatment and prophylaxis of infectious diseases, USSR study, 14822
- Gamma rays:
cesium-137, in sand, differential energy and angle spectra determination, 11423
cobalt-60—
gamma radiation, biologic effectiveness as compared to 138-Mev protons, 94
irradiated rabbits, isolated ileum, sodium transport, 3792
pasteurization of fishery products, 4407
gamma radiation—
effects on newborn rat dorsal ganglia in vitro, observations, 3796
fruit and vegetables, dosimetry, tolerance and shelf life extension related to disinfection, annual report, 8296
methods and instrumentation sources in biological experiment, USSR study, 913
post pulse spectrum, Operation BREN, 11420
radiation of fruits to extend market life, 45
safety during defectoscopy, regulations, Bulgarian study, 2226
sources at Rudjer Boskovic Institute, Yugoslav study, 961
used to induce polymerization of wood-plastic combinations, 12683
leakage from Ichiban critical assembly, 12671
liquid nitrogen-cooled detector system, mount for portability, 9455
neutron and gamma dosimetry, 142
spectrum measurements, SNAP S radiation effects test program, 7745
- Gamma spectrometers, *see* Spectrometers.
- Ganglia, *see* Nerves.
- Gangs, juvenile, new developments in research and theory, 2515
- Gansmuller, Erich, relief, 1904
- Gansner David A.:
Kentucky forests—
Blue Grass Unit, 14718
Northern Cumberland Unit, 11996
Pennyroyal Unit, 14717
Southern Cumberland Unit, 4477
Western Unit, 14719
- GAO, *see* General Accounting Office.
- Garbage, *see* Refuse.
- Garden Grove, Calif.:
area wage survey, metropolitan area, 12212
commodity transportation survey, production area series, 8347
- Gardening:
publications, price list, 2519
spring planting, publications, list, 6566
see also Gardens.

- Gardens:
ant control, 6745
home and garden bulletins, 38-40, 3750-51, 5290-91, 6745-49, 9818-19, 11352, 12602-603, 14137-138, 15445, 16925
home fruit, northern Great Plains, 3751
home garden, iris, growing, 5290
- Gardner, Daniel E., foreign trade regulations of Sudan, 17057
- Gardner, Dwayne E., land-rich or land-poor schools, 8846
- Gardner, W.K., five-figure table of functions, etc., 12438
- Garfield, Frank R., cycles and cyclical imbalances in changing world, 2025
- Garfinkle, M., tensile behavior of tungsten crystals with rhenium in dilute solid solution, 4937
- Garland, Thomas M., changing water-injection profiles by selective plugging, 4802
- Garlic, *see* Wild garlic.
- Garlock, Fred L., farmers and their debts, 11862
- Garnishment, *see* Attachment.
- Garns Mountain quadrangle, Idaho, geology, 9010
- Garren, John F. jr., flight investigation of on-off control for V/STOL aircraft under visual conditions, 11063
- Garrett, B. R., broad applications of diffusion bonding, 7731
- Garrett, W. D., damping of capillary waves at air/water interface, etc., 6549
- Garrison diversion unit, *see* Missouri River Basin project.
- Garst, Caroline C., blood glucose levels in adults, United States, 1960-62, 15309
- Garver, H. L., plumbing for home and farmstead, 6743
- Garvey, James E., self-organizing systems, 7969
- Garvin County, Okla., thermal recovery and 2 waterflood projects, 16560
- Gary, Howard L., water table characteristics under tamarisk in Arizona, 4453
- Gary, Ind.:
commodity transportation survey, production area series, 6919
principal electric facilities, map, 7375
- Garza, Luis R., pressures and forces acting on ring baffle under sloshing conditions, 6336
- Gas:
adequate supplies at reasonable cost (remarks), 849
brazing retort manifold design concept may enhance uniform gas flow, 15101
chromatograph, subminiaturized, gives fast, efficient analysis, 10993
containing cloud of particles, heat transfer, 1185
diesel exhaust, determination of oxides of nitrogen in diesel exhaust gas by Saltzman method, 12249
diffuser facilitates withdrawal of cryogenic liquids from tanks, 13777
domestic supply, prospects (remarks), 13433
gasification, Lurgi-gasifier tests of Pittsburgh-bed coal, 4799
industry, injury experience, 15004
marketed production gains (address), 845
natural—
act, regulations under, 726, 3461
displacement from water-drive reservoir, 7708
industries, interstate and wholesale aspects regulated by explanation, 11927
industries, water use, 6289
liquids and liquefied refinery gases, mineral industry survey, monthly, 3245
liquids, census of mineral industries, 1963, industry statistics, 9951
liquids, minerals yearbook chapter, 1154
- Gas—Continued
natural—continued
mineral industry surveys—
monthly, 3243
quarterly, 3244
minerals yearbook chapter, 1153
producers sales to interstate pipeline companies, 4381
production and processing occupations, employment outlook, 9307
safety of interstate pipelines, FPC report, 8770
United States, 1964, analyses, 15011
resources of gas and natural-gas liquids in U.S. and world, 2101
retail prices and indexes, 3474
steam gas installations, operations, USSR studies, 6224
underground gas storages, evaluation of ethylene as tracer, 10929
use in repressuring partly depleted oil reservoirs, material balance equation, derivation and application, 9383
see also Gas mains—Gases—Pipe lines.
Gas chromatographs, *see* Chromatographs.
Gas chromatography, *see* Chromatography.
Gas-cooled reactors, *see* Reactors (atomic).
Gas indicators, combustible, Wheatstone bridge type, maritime safety data, 16525
Gas Industry Week:
designate—
law, 11558
report, 11760
Gas-injection valve operates at high speed, 15111
Gas mains, gas distribution systems emergency construction, manual, 5375
Gas masks:
for respiratory protection against—
amines, 13681
phosphine, 13678
Gas pipes, *see* Gas mains.
Gas turbines, *see* Turbines.
Gasdynamic friction, *see* Friction.
Gases:
absorption cross sections for wavelengths less than 3000Å, 4826
acid fumarolic, from Kilauea Iki, Hawaii, 4523
arbitrary mixtures, equilibrium normal shock and stagnation point solutions, program, 4957
binary mixture in swirl and duct flows, concentration profile establishment, 9394
centrifugal device separates liquid from gas, 4887
coaxial mixing of dissimilar gases at nearly equal stream velocities, data comparisons and photographic observations, 2418
cold gas technique for jet exhaust impingement studies, 1242
combustion—
detonation initiation in alkane-oxygen mixtures, 15031
hot, magnetic control of flow in hydrogen-oxygen combustion at 14 atmospheres, 2425
concept for passive system to control gas flow independently of temperature, 13778
density, effect on work of breathing in man, 8216
dilute gas-solid suspensions, analysis and correlation of heat-transfer coefficient and friction factor data, 15192
dissimilar, coaxial flow, effects of momentum buffer region, 2424
dissolved in sea water, gas chromatography for evaluation, 12428
dual regulator controls 2 gases from single reference, 9474
exchange studies under rarefied atmospheric conditions, peculiarities, USSR study, 1023

Gases—Continued

flammable—
 temporary lights, maritime safety data, 16523
 temporary, portable, shipboard ventilation for control, maritime safety data, 16524
 flow rate in piping systems, computer program to determine, 12331
 hazards trainer, maritime safety data, 16520
 high-pressure systems, Army technical manual, 12662
 high-temperature gas transport properties, evaluation, 17873
 hot gas ignition temperatures of hydrocarbon fuel vapor-air mixtures, 17866
 ideal, three-dimensional flow past smooth bodies, 11083
 in metals, determination, report, 5012
 industrial, current industrial reports, 255
 inorganic, current industrial reports, 5478, 8353
 ionized—
 international conference on phenomena in, USSR report, 16510
 transport phenomena, initial value problem, 15062
 leakage in brazed areas, eliminated by electroplating, 16637
 multicomponent gaseous mixtures in near-equilibrium region, nonequilibrium channel flow, computing, 6460
 nonequilibrium expansions of reacting gas mixtures, computer program for numerical solution, 10943
 nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
 nonsteady flow with heat addition and shock perturbations, 17931
 numerical calculations of gas-surface interactions, 10949
 oscillatory combustion-gas flow, ethanol-jet atomization in combustor, 15147
 planetary, helium-driven, tailored-interface operation of shock tubes, analysis, 12363
 polar, and their equimolar mixtures, thermal conductivities, 7850
 rarefied gas between plane parallel electrodes, flow of electrons through, 13825
 reacting mixtures, chemical-equilibrium compositions, computing by reduction to single iteration equation, 13816
 seeded, radiant heating in coaxial-flow gaseous reactor, 4943
 thermodynamic properties of arbitrary mixtures—
 calculation of specific heats with tabulated results, 15158
 calculation with modified vibrational-rotational corrections, 15156
 toxic properties of V gases, Polish study, 13531
see also Chemical warfare—Mine gases—
also names of gases.
 Gasification, *see* Gas.
 Gaskets, composite, compatible with liquid oxygen, etc., 15125
 Gasoline:
 automotive, marketing, FTC industry conference, hearings, 4146
 Government outlets, potential savings through greater use—
 Defense Dept., GAO report, 13376
 General Services Administration, GAO report, 17708
 motor, petroleum products survey, 4787, 12236
 tax credit, farmers, 14775
 tax, increase in District of Columbia, hearings, 1936
 Gasoline engines, *see* Engines.
 Gasoline service stations, *see* Service stations.

Gasparovic, Vladimir, and wife, relief, 1891
 Gaspers, Peter A., jr., flutter of orthotropic panels, 13844
 Gass, Arthur E., sodium transport in isolated ileum from cobalt-60 irradiated rabbits, 3792
 Gastonia, N.C., motor carrier accident, 872
 Gastroenterology abstracts and citations (periodical), 5027
 Gastrointestinal tract, gastric and intestinal temperature in man, utilization of radio-telemetry for study, 6209
 Gastropods, paleozoic, from Moose River synclinorium, northern Maine, 17721
see also Snails.
 Gates, O. R., procedures for chemical analysis of copper-base alloys, 12436
 Gates:
 hydraulic downpull forces on large gates, 18088
 tainter, for flood spillway, engineering and design manual, 17632
 Gateway to your future, 2311, 17828
 GATT, *see* General agreement on tariffs and trade.
 Gaudle, Danny D., electrochemical demineralization of water with carbon electrodes, 10674
 Gauges, *see* Gages.
 Gaulin, Richard P., design features affecting asepsis in hospitals, 7997
 Gavurin, Edward I., tachistoscopic and WEFT techniques in aircraft recognition, 5069
 Gaylord, William E., treatment of East Bay, Mich., with toxaphene for control of sea lampreys, 11977
 Gazetteers, *see* Geographical names.
 GE series, 3019
 Gear drive automatically indexes rotary table, 15113
 Gearing, run-in with chemical additive protects surface, 6395
 Gears:
 spur gear trains, analysis of friction torque, 6542
 unique design provides self-lubrication, 2385
 Gebhard, R., consideration of training of functions during design of operational equipment, 5067
 Gedney, Donald R., Pacific Northwest economic base study for power markets, forest industries, 6875
 Gee, Wing Yuen, *see* Wong, Wing Yuen.
 Geiringer, P. L., brackish water conversion demonstration plant reports, 9036-37
 Geis, Gilbert, juvenile gangs, 2515
 Gelatin:
 coated electrodes allow prolonged bio-electronic measurements, 7764
 experiments, use of gelatinol as blood and plasma substitutes, USSR studies, 949
 Gelder, Thomas F., cavitation similarity considerations based on measured pressure and temperature depressions in cavitating regions of freon 114, 13824
 Geliotekhnika (periodical), translations, 9113, 9173, 10743
 Geller, Miriam R., studies on electroconvulsive therapy, 11196
 Gem County, Idaho, soil survey report of area, 1477
 Gemini, *see* Spacecraft.
 Gemini project, *see* Project Gemini (man-in-space project).
 Gems, *see* Precious stones.
 General Accounting Office:
 appropriations, 1967, hearings, 8651, 13193
 audits of Government contracts, 16340
 Comptroller General decisions—
 B-(series), 2778
 digests, 2856
 July 1, 1964-June 30, 1965, 16341
 monthly, 2777

General Accounting Office—Continued
 Comptroller General, nomination of Elmer B. Staats, hearing, 5814
 Comptroller General, retirement, further provision—
 law, 15710
 reports, 11777, 15844
 Defense Accounting and Auditing Division, reorganization, report, 12987
 findings and recommendations for improving Government operations, 11610
 GAO review (periodical), 17705
 policy and procedures manual for guidance of Federal agencies, 803-804, 3016, 10617
 professional careers, 17715
 report 1965—
 departmental edition, 7464
 document edition, 7057
 reports on auditing of defense contracts, policies, etc., report, 7098
 transportation, manual for guidance of Federal agencies, 3015
 General agreement on tariffs and trade: Kennedy Round—
 and world trade (address), 6619, 10016
 beef exports, problems, hearings, 14505
 Italy, Europe, and Kennedy Round (remarks), 8035
 negotiations, resolution expressing sense of Congress, report, 13132
 progress report (address), 6620
 protocol for accession of Switzerland to agreement, 18124
 renegotiation of schedule 20 with Canada, interim agreement, 6614, 7067
 renegotiation of schedule 20 with Great Britain and Northern Ireland, interim agreement, 12529, 12860
 trade agreement with Spain, 2581
 General Counsel, Agriculture Dept., appropriations, 1967, hearings, 8648
 General Counsel of Treasury Department: digest of opinions, 1961
 report for Coast Guard, 10381
 General Electric Company, conceptual design of 50 MGD desalination plant, 12043
 General Federation of Women's Clubs, 5-cent commemorative postage stamp (poster), 13921
 General Motors Corp., adjustment assistance by certain workers, Tariff Commission report, 11288
 General Services Administration: administrator to accept title to John Fitzgerald Kennedy Library, authorize—
 hearing, 14424
 law, 17098
 reports, 15864, 17467
 appropriations, 1967, hearings, 8651, 13193
 basic laws and authorities, GSA handbook, 10629
 disaster control and civil defense in Federal buildings, guide for facility self-protection, handbook, 5094
 disposal of surplus real property for public use, for private use, 9005
 donable surplus property program, hearings, 4221
 Government gasoline outlets, potential savings through greater use, GAO report, 17708
 multiple-award contracting policy, GAO report, 7469
 press releases, 3372
 Public Printer to print for and deliver to GSA additional copy of certain publications, reports, 16132, 17280
 report, 13387
 supply sources, savings to AEC contractors through increased purchasing from, GAO report, 16346
 Generation of random sample-covariance matrix, 4951
 Generators, *see* names or types of generators.

Genes, structure and function, international symposium, 5030
 Genetics:
 animal, research, Rumanian study, 6240
 current questions, Hungarian colloquium, 9082
 effects of radiation, 15547
 flower color inheritance in alfalfa, 6783
 forest, annotated bibliography, 14715
 microbial conference, Hungary, 6172
 modern, pressing problems, seminar, summary, USSR study, 4651
 Nikolay Petrovich Dubinin achievements in science, USSR study, 10821
 scientific truth and development in Soviet Union, 986
 USSR—
 notes, 887
 symposium, 12115
 Genetics (USSR periodical): translations, 1058, 9070, 9072, 9175-76, 10755-756, 10761, 12124
 Genetics Workshop of Society of American Foresters, *see* Society of American Foresters, Genetics Workshop.
 Geneva, Switzerland, International Labor Organization Conference, House delegates to attend, appoint, report, 12910
 Gentry, Carl L., jet-induced lift losses on VTOL configurations hovering in and out of ground effect, 6415
 Gentry, Thomas R., technique for rapid collection of balsam woolly aphid eggs, 14710
 Geochemistry:
 chemistry of iron-rich sedimentary rocks, 4520
 contributions to geochemical prospecting for minerals (series), 13396, 16355
 contributions to geochemistry (series), 9012, 12012
 data, 4520
 geochemical reconnaissance in Pequop Mountains and Wood Hills, Elko County, Nev., 16355
 geochemistry of water (series), 13414
 hydrologic basin, Death Valley, Calif., 7485
 Geodesists, examination announcement, 14295
 Geodesy:
 accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
 deriving earth-centered datum from optical observations of earth's horizon from earth satellite, 7880
 Hungarian achievements, 12176
 Hungarian, conditions, problems, and plans, 16487
 satellite, 1958-64, significant achievements, 17889
 Soviet studies, 6166
 spheroidal, solution of computing problems, USSR studies, 922
 USSR geodetic network classification, 10836
 Geodetic Explorer, *see* Satellites.
 Geodetic instruments, Hungary, application, 14956
 Geodetics, *see* Geodesy.
 Geographers, employment outlook, 13594
 Geographic bulletin, 6632
 Geographic mobility, mobility of population of United States, 6925
 Geographic Names Board:
 decision lists, 2088, 7479, 13390
 gazetteers, 814, 2089, 6027, 12010, 13391-392, 14743-744, 16354
 Geographic note, GE series, 3019
 Geographic reports, State Department, 15341
 Geographical names:
 Burma, standard place names, 12010
 decision lists, 2088, 7479, 13390
 Delaware, 13404
 gazetteers, 814, 2089, 6027, 12010, 13391-392, 14743-744, 16354

INDEX 1966

Geographical names—Continued

- Guatemala, 814
- Korea, Republic, standard place names, 6027
- Mali, 2089
- Mauritania, standard place names, 16354
- Niger, standard place names, 13392
- resolution of Presidium of Supreme Soviet USSR on naming and renaming places and organizations, 950
- Sierra Leone, 14744
- Thailand, standard place names, 14743
- Togo, standard place names, 13391
- United States, decision lists, 2088, 7479, 13390
- Geography:
 - acta geographica Sinica, translations, 10830, 16402
 - census, 1970, cooperative effort (paper), 9966
 - Communist China, translations from Ti-li, 2163
 - economic, symposium, geographical society of China, 16455
 - geographic bulletin, 6632
 - geographic note, GE series, 3019
 - geographic reports, State Department, 15341
 - geographical distribution of pines of world, 5293
 - geography as professional field, 10423
 - national defense education act, NDEA institute for advanced study, 5884A
 - teachers, advanced study, national defense institutes, manual, 5877
 - see also Zoogeography—also names of places.
- Geography (Chinese periodical):
 - translations, 2174, 4692, 7559, 7602
- Geography and History, Pan American Institute of, see Pan American Institute of Geography and History.
- Geologic names, lexicon of United States, Panama Canal and Pacific Islands, 9008
- Geological journal (Ukrainian periodical):
 - selections, 7603
- Geological review (Chinese periodical):
 - translations, 107, 12128-129, 12179, 13490, 14896, 16494
- Geological Survey:
 - appropriations, 1967, hearings, 7113
 - bulletins, 815-816, 2090-92, 4510-14, 6029-30, 7480, 9006-15, 10631-636, 12011-16, 13394-404, 14746-748, 16335-357, 17716
 - circulars, 2093-2102, 4515-17, 7481-82, 9016-17, 10637-639, 13405, 14749-751
 - exploration assistance program, 13406
 - press releases, 3373
 - procurement of equipment for implementing automation of water data records, GAO report, 13381
 - professional papers, 817-821, 2103-4, 4518-25, 6031-36, 7484-88, 9018-20, 10641-645, 11017-27, 13407-413, 14752, 16359-361, 17717-723
 - publications, 822, 17724
 - monthly list, 3264
- research 1965—
 - chapter A, 6035
 - chap. D, 821
- research 1966—
 - chap. B, 12027
 - chap. C, 13413
- stratigraphic nomenclature, changes, 4514, 17716
- water resources national data network, 7483
- water supply papers, 823-832, 2105-6, 4526-30, 6037-44, 7490-91, 9021-25, 10647-652, 12028-33, 13414-417, 14754-756, 16362-364, 17725-731.
- Geologists:
 - employment outlook, 9233
 - examination announcement, 6974

Geology:

- Alsea River basin sites, Oreg., 17727
- Arabian Peninsula, 17723
- areal and aeroradioactivity survey—
 - Denver area, Colo., 12670
 - District of Columbia, 9917
 - Ohio and Indiana, 11418
- Aurora area, St. Louis County, Minn., 7491
- bedrock, of Grand Lake area, Aroostook, Hancock, Penobscot, and Washington Counties, Maine, 815
- Beluga-Yentna region, Alaska, 14746
- Brazilian Basin, geological structure of bottom, USSR study, 4638
- Bridgewater quadrangle, Aroostook County, Maine, 4510
- Bulgaria, associations and enterprises for geological research, 9178
- Coeur d'Alene district, Shoshone County, Idaho, 819
- cold regions, aspects, 8249
- contributions to economic geology (series), 816, 4512-13, 6029, 9013, 10633, 12013, 14746
- contributions to general geology (series), 815, 2092, 13398-400
- damsites on Flathead River, Lake and Sanders Counties, Mont., 2105
- economic—
 - Fort Meade quadrangle, Fla., 12011
 - Idaho Springs district, Clear Creek and Gilpin Counties, Colo., 9011
- Florida quadrangle, Puerto Rico, 13399
- Fort Belknap Indian Reservation, Mont., 834
- foundation design of buildings and other structures (except hydraulic structures), procedures, Army technical manual, 130
- Garns Mountain quadrangle, Bonneville, Madison, and Teton Counties, Idaho, 9010
- general geology of Death Valley, Calif. (series), 7484-85
- Geological Survey research, 821, 6035, 12027, 13413
- geology and coal resources, Livingston coal field, Gallatin and Park Counties, Mont., 12025
- geology and mineral deposits of Mosheim and Johnson anticlines, Greene County, Tenn., 4512
- geology and surface effects, Nevada test site, Project Hardcar, 3849
- geology of Arabian Peninsula (series), 17722-723
- geology of selected quadrangles in Massachusetts (series), 9006
- geomorphic approach to sediment yield of Castaic watershed, Calif., 2103
- Guam, Mariana Islands (series), 4519
- Hames Valley, Wunpost and Valleton quadrangles, Monterey County, Calif., 13398
- Kayenta and Chichinibito quadrangles, Navajo County, Ariz., 816
- Kernit and Varney area, Ky., 9019
- La Sal quadrangle, San Juan County, Utah, and Montrose County, Colo., 7486
- lexicon of geologic names, 9008
- Livingston area, southwestern Montana (series), 4522
- marine, of northeastern Gulf of Maine, 10004
- Minas Gerais, Brazil (series), 4518, 12018
- Monlevade and Rio Piracicaba quadrangles, Brazil, 12018
- Moscow State University, news, 13523
- Nehalem River basin, water power sites, 826
- North American—
 - abstracts, 6028
 - bibliography, 14748, 16357
- northern and central Johnson County, Wyo., 12028
- northwest quarter of Anaconda quadrangle, Deer Lodge County, Mont., 12013

- Geology—Continued
Pico de Itabirito district, Minas Gerais, Brazil, 4518
Powell River area, Claiborne and Union Counties, Tenn., 13400
Prescott and Paulden quadrangles, Ariz., 818
Project Pre-Schooner, preshot investigations, 151
publications, price list, 5096
Puerto Rico, aeroradioactivity survey, 11419
Ranson quadrangle, Lackawanna, Luzerne, and Wyoming Counties, Pa., 13397
research, decree on supervision and implementation, Hungary, 2188
shorter contributions to general geology (series), 820, 4521, 6034, 9020, 10645, 12024
Soviet studies, 4683
structural, Death Valley, Calif., 7484
surface, and aeroradioactivity survey of parts of San Francisco region, 11417
surficial, Athol quadrangle, Mass., 9006
symposium on geomorphology and economic geography held by geographical society of China, 16455
Temple Mountain district, Emery County, Utah, 9007
Ukrainian geological journal, selections, 7603
USSR articles, 1066
USSR, research and conferences, 6215
White Sands Missile Range and vicinity, northern part, N. Mex., 829
Wind River basin, central Wyo. (series), 17720
Winnebago County, Wis., 10649
Yemen, 17722
see also Stratigraphy—Triassic period.
- Geomagnetism, *see* Terrestrial magnetism.
- Geometry:
configuration geometry, effects on pressure coefficient and section normal-force coefficient distributions for 2-stage launch vehicle, supersonic investigation, 15139
geomagnetic geometry tables, 7725
parallel groove, for incompressible fluid, flow and pressure field analysis, 15201
see also Microgeometry.
- Geomorphology, *see* Geology—Physical geography.
- Geophysical prospecting, *see* Prospecting.
- Geophysicists:
employment outlook, 9233
examination announcement, 14296
- Geophysics:
American Meteorological Society abstracts, 13892
earth's crust, USSR studies, 954
experimental and theoretical geophysics (series), 7480, 9009
geophysical abstracts, 3020
geophysical surveys, Bridgewater quadrangle, Maine, 4510
geophysics and space data bulletin, 3021
geophysics and space environments, handbook, Air Force, errata, 11376
magnetic fields of marine telluric currents, USSR study, 13525
photography in airborne geophysical surveying, USSR study, 13449
recent studies, USSR, 6142
marine, 6126
Rumania, development in last 2 decades, 14895
Soviet bloc research (periodical), 3524
Soviet research in Mali, USSR study, 935
Soviet studies, 4683
USSR articles, 1066
- Georgaras, Demetrios K., relief, 12871
Georgaras, James K., *see* Georgaras, Demetrios K.
- George, Betty, educational developments in Congo (Leopoldville), 14550
George, Charles W., fire retardant viscosity measured by modified Marsh funnel, 8956
George, J. H. B., transport properties of ion exchange membranes, 4553, 17738
George Rogers Clark National Historical Park;
establish—
law, 15707
reports, 10179, 13141
George, Walter F., Lock and Dam, *see* Walter F. George Lock and Dam.
George Washington Memorial Parkway, Mount Vernon section, general information, 15222
Georges, Thomas M., numerical simulation of ionospheric wave interaction experiments, 1300
Georgetown, D.C., *see* District of Columbia.
Georgetown, S.C., port, 18294
Georgetown University, charter, amend to clarify corporate name, report, 17414
- Georgia:
census of business, 1963 retail trade, area statistics, errata, 187
census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
Central Georgia Soil and Water Conservation District, pasture and farm pond replace cotton (colored poster), 9609
climatological data, 2751
county business patterns, 3913
electric rate book, 706
export expansion program results (address), 324
inert dusts for protection of shelled corn from insect attack, evaluation, 14109
landings, fish and shellfish, 3022, 16296
life tables, 18018
mineral industry, minerals yearbook chapter, 1123
northwest, bauxite deposits, 10631
permatites, selective flotation of mica, 16575
postal map, 13930
precipitation data, hourly, 3045
southwest, grain drying and storage, 67
water, use, occurrence, problems, etc., 827
women, labor laws, summary, 14089
- Georgia Nuclear Laboratories:
Radiation Effects Reactor—
components and sub-assemblies, 7747
electrical insulation materials, 7746
gamma spectrum measurements, 7745
- Georgoulia, Joanna K., relief, 8510, 11534
- Geothermal energy:
general information, 4516
steam deposits and associated resources, disposition—
hearings, 13047
report, 15933
- Gerber, Carl R., Plowshare, 11443
Gerhards, C. C., physical and mechanical properties of molucca albizzia grown in Hawaii, 8970
- German language:
Foreign Service Institute, basic course, 5153
military dictionary, 1658
- German literature, classification, Library of Congress, 10891
- Germans, Volga, in Soviet central Asia, 14934
- Germany:
alien amateur radio operators, authorization to operate, agreement, 18125
Democratic Republic, *see*, below, Soviet Zone.
East, *see*, below, Soviet Zone.
Federal Republic—
air service, lease of equipment, agreement, 6642
background notes, 11236
commercial policy and German-American relations (address), 8034
double taxation, convention, protocol, 6650
report, 1887

Germany—Continued

- Federal Republic—Continued
 economic statistics, handbook, 3031
 establishing business, 12774
 labor conditions, 13632
 loan of vessels, extension, agreement, 2588
 manpower policy and programs, 16515
 mineral industry, minerals yearbook chapter, 10914
 natural resources mission to, special report to the President, 12046
 photographic equipment and supplies, 341
 support for armed forces in United States in emergencies, agreement, 6651
 titanium dioxide, manufactured by Farbenfabriken Bayer A. G., notification on investigation, 8096
 vested paintings, transfer in trust for Weimar Museum—
 law, 17117
 reports, 15921, 16154
 weapons, obsolete German, donate to—
 law, 15716
 reports, 10141, 13174

Soviet Zone—

- background notes, 8052
 cathode ray technology, development trends, 12160
 church and state under Communism, 7219
 cybernetics in machine building industry, 12180
 labor conditions, 13631
 mineral industry, minerals yearbook chapter, 2324
 satellite camera development, Ilmenau Technical College, 1033
 West, *see*, above, Federal Republic.

Germination:

- eastern white pine seed as influenced by stratification, 798
 paper birch, 4469
 seed, light effects, experiments, etc., 8150
 sugar maple and yellow birch, influence of temperature and early spring conditions, 5983

Gerrity, Martin V.:

- beef export trade of Central America, 2054
 Canada's meat and livestock industry, 10551

Gertsma, Lawrence W., evaluation of one type of foldable tube, 2404

Gertz, D., unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536

Gerver, Joan, family therapy, selected annotated bibliography, 7929

Get ready for college and go, 5674

Gettysburg National Military Park, general information, 15223

Getzendaner, C. W., European earwigs, 6746

Genkens, F., geology of Arabian Peninsula, Yemen, 17722

GF series, 3933-34, 6933, 8367, 11476, 12728

Ghana:

- agricultural commodities, agreement, 12537
 background notes, 16848
 executives march ahead, progress by international corps from U.S. business, 14781
 farm products, supply and demand projections to 1975 with implications for U.S. exports, 7294
 mineral industry, minerals yearbook chapter, 4764

GI bill-of-rights, *see* Veterans.

GI loans, *see* Loans.

Giachino, Fred E., air reservist, 2661

Glannone, Mary R., relief, 17428

Gibson, Burdett, challenge of longwall mining, 8313

Gibson, O. Hoyt, sales management for manufacturers, 9644

Gibson, Pryce B., white clover, 14131

Giesler, Raymond, general hospitals admitting psychiatric patients, 15303

Gift tax, *see* Inheritance and transfer tax.

Gifts:

- expenses, rules for deducting from income tax, 2123

- foreign, acceptance by government officials and employees, establish basic uniform standards, reports, 10286, 17238

- holiday gift list for readers, 17991

Gigiyeua i sanitariya (periodical):

- articles, 6174

- translations, 7552

Gigiyeua truda i professional'nyye zabolevaniya (periodical):

- translation, 12187

Gila River, water supply outlook and snow surveys, 3687

Gila trout, *see* Trout.

Gilbert, Adrian M., stand differentiation ability in northern hardwoods, 799

Gilbert and Ellice Islands, Ocean Island, mineral industry, minerals yearbook chapter, 6297

Giles, H. L., hypersonic pressure and heat transfer tests on flat plate, etc., 15048

Gilkey, Millard M., water requirements and uses in New Mexico mineral industries, 2319

Gill, Clark C., education and social change in Chile, 11871

Gill, Thomas G., regional wood use by manufacturing industries, 8967

Gill, William N., reverse osmosis systems for desalination, 9042

Gillespie, Arthur S., jr., dissolved-oxygen analyzer for oceanographic use, final report, 12681

Gillespie, Karen R., footwear, 6601

Gilliland, Whitney:

- nomination, hearings, 4215

- remarks, Sept. 26-28, 1966, 15612

Gillingham, Kent K.:

- primer of vestibular function, spatial disorientation and motion sickness, 14189

- training vestibule for aerospace operations, 91

Gilmore, John S., defense industry diversification, analysis with 12 case studies, 6825

Gin Bayou:

- flood control, engineer report—

- departmental edition, 4333

- document edition, 4064

Gingham, general imports and manufactures, 8321

Gingrich, Samuel F., shortleaf pine in Missouri, 2 methods of thinning, 795

Ginning, *see* Cotton gins and ginning.

Ginnings, R. M., digital computer processing of PFM telemetry data, 7722

Ginzberg, Eli, expanding employment in pluralistic economy, 17803

Girl Scouts of United States of America, report, 12852

Girls:

- counseling, new approaches in 1960's conference report, 1561

- counseling toward new perspectives, 12569

- every girl needs chance to become somebody, Job Corps may be your big chance, 7277

- high school, future jobs, 11328

- job training suggestions, 2632

- vocational guidance, Women's Bureau and Office of Education, consultation with State school guidance officials, 1563

Giron, David J., radioisotopic labeling of poliovirus, etc., 9871

Gitlin, Joseph N., population exposure to X-rays, 18067

Giulianetti, Demo J., longitudinal and lateral-directional aerodynamic characteristics of large-scale, V/STOL model with 4 tilting ducted fans arranged in dual tandem configuration, 12361

- Glza, Richard, NIH obligations to institutions of higher education, 12477
- Glacial period:
great ice age, general information, 10640
late Pleistocene marine paleoecology and zoogeography in central California, 16361
- Glacier National Park, general information, 6508
- Glaciers, fluctuations of terminus of Moltke Glacier, 12650
see also Moraines.
- Glackin, J. J., fastener materials for space vehicles, 4814
- Gladiolus, production and sales, etc., 8089
- Gladwell, Lloyd, starting and managing small retail drugstore, 9645
- Glancy, David M., description of area system for Northeast Corridor transportation project, 8428
- Glands, *see* Adrenal glands.
- Glaser, Daniel:
alcoholic offender, 12566
control and treatment of narcotic use, 14079
personal characteristics and parole outcome, 14080
sentencing and parole process, 14081
violent offender, 14082
- Glaser, Rudolf F., vibration analysis of clustered launch vehicles, 1260
- Glass, Robert L., mortality of New England dentists, 18003
- Glass:
devitrification of lithium disilicate glass, 2354
fibrous glass, 1965, current industrial reports, 15584
filament-wound composites, microvoids, origin and removal, 2494
flakes as liner for fiber-glass oxygenic propellant tanks, 4893
flat, current industrial reports, 2818, 5477
glass-resin composites, surface chemical aspects, 2494
helium permeation, in vacuum systems, special treatment reduces, 15102
industry, machinery, industrial plant equipment handbook, 10388
insulation, manufacture of cast micro-wire, USSR, 13493
porous, makes effective substrate for ozone-sensing reagent, 2383
precision winding of cylindrical composites with shaped glass filaments, 15038
products—
census of manufactures, 1963, 1704
manufacturing plants, location, 11455
commodity transportation survey, shipper series, 217
sheet, drawn or blown, Tariff Commission report, 11287
window, optical absorption coefficients of fused silica, 6440
see also Stained glass—*also* names of manufactured articles and materials.
- Glass-crystal transformation of nepheline and wollastonite and heat formation of nepheline, 10922
- Glass fibers:
aluminized fiber glass insulation conforms to curved surfaces, 4861
container shells form contamination-free storage units, 11011
initiation of failure mechanisms in glass-resin composites, 15039
production, methods and applications, USSR study, 16438
- Glasser, W. A., minimax studies, 15054
- Glassman, Arthur J., effect of turbine-coolant flow on Brayton-cycle space-power system thermodynamic performance, 12354
- Glassware, consumer, scientific, technical, and industrial glassware, current industrial report, 5475
see also names of articles manufactured from glass.
- Glassworkers, *see* Glaziers.
- Glaucoma, Air Force policy, 6812
- Glaziers:
apprenticeship and training, national standards, 14202
employment outlook, 9218
- Gleeson, Geraldine A., age patterns in medical care, illness, and disability, United States, 12488
- Gleim, Paul, epitaxial structures for radiation resistant silicon solar cells, 10941
- Glenn, W. G., precliptin response to human serum by rabbit population, variation in response, etc., 9870
- Glenn Creek, drainage basin near Fairbanks, Alaska, hydrologic studies, 8244
- Glennon, B. M., bibliography on atomic transition probabilities, 7916
- Glicksman, M. E., dynamic effects arising from high-speed solidification, 1363
- Glidden, David B., relief, 4077, 14341, 16037
- Gliders (aircraft):
imported, certificates of airworthiness—
agreement with Finland, 5159
agreement with Poland, 1499
M2-F1 lifting body flight vehicle, wind-tunnel investigation of longitudinal aerodynamic characteristics, 6468
- Globulin, γ -globulin properties, Soviet research, 10752
- Glomerulonephritis, selected references, 18070
- Glorig, Aram, hearing levels of adults by age and sex, 2544
- Glossaries:
abbreviations used in Latin American press, 10750
aerospace, 9843
combined, of standardized items and terms presented in handbooks in State educational records and reports, series, 13269
oceanographic terms, 15239
power and rate terms, abbreviations, etc., 4382
prepaid dental care, 1430
space terms, 12279
- Gloucester County, Va., excavations at Clay Bank site, 5040
- Gloves:
current industrial reports, 3921
leather, census of manufactures, 1963, industry report, 5443
see also Rubber gloves.
- Glucose:
blood glucose levels in adults, 15309
blood, in anesthetized dog, effects of hydrazine, 9864
tolerance responses in young adults of sharply contrasting periodontal status, 6815
- Glue, failure in glue block shear test, device for estimating, 2058
- Glushkov, Viktor M., Lenin prize winner, interview about cybernetics, 14857
- Glycerides, total, in human serum, simplified test tube method for analysis, 12640
- Glycogen, muscle and liver, in anesthetized dog, effects of hydrazine, 9864
- GNL, *see* Georgia Nuclear Laboratories.
- Goats:
dairy, for home milk production, 11354, 15446
scrapie seminar, report, 11338
- Gobbledygook has gotta go, 9341
- Goble, Ross L., motion of clamshell-type heat shield on deployment from parent vehicle in atmosphere, 7831
- Goddard, Robert II., memorial statue, erect, law, 422

- Goddard Space Flight Center :
 automatic data processing equipment,
 economy of operations, 4144
 contributions to May 1965 COSPAR meet-
 ing, 13801
 Goddard '65, year in review, chronology,
 etc., 9389
 publications, 1964 collection, 11084-85
 Godfrey, Horace D., remarks, Feb. 16, 1966,
 6738
 Goditiabois-Deacon, Laura M., relief, 1905
 Gogel, Walter C., problems in depth per-
 ception, method of simulating objects mov-
 ing in depth, 9938
 Goiter, disease, cortico-visceral pathogenesis
 theory, USSR study, 13483
 Gold :
 geochemical anomaly in Cortez district,
 Nev., 14751
 mine production, monthly, 3023
 mining industry —
 production incentives—
 hearing, 14486
 report, 16119
 revitalization act, hearings, 13046
 ores, census of mineral industries, 1963 in-
 dustry statistics, 15575
 production and consumption, report, 12262
 regulations, 9748
 United States movements, 5503
 monthly, 3629
 visors, evaluation, 14195
 wetting by water, 9595
 Gold (money) :
 certificates, Federal reserve banks to main-
 tain against deposit liabilities, eliminate
 requirement, report, 1820
 foreign gold & exchange reserves, interna-
 tional liquidity, current trends, 10416
 gold markets, United States official opera-
 tions, 11304
 interest rates, gold, and balance of pay-
 ments (remarks), 731
 Mint Bureau, report, 12262
 Gold Mines Assistance Commission, estab-
 lish, hearings, 13046
 Gold star lapel buttons, *see* Lapel buttons.
 Goldberg, Arthur J., statement, Sept. 22,
 1966, 18118
 Goldblith, S. A., simultaneous radiation-heat-
 ing treatment of precooked marine prod-
 ucts, 11425
 Golden eagle, *see* Eagles.
 Golderos, Angel F., relief, 1895
 Goldman, David E., Naval Medical Research
 Institute, 13657
 Goldman, Joseph L., role of Kutta-Joukowski
 Force in cloud systems with circulation,
 12563
 Goldman, Louis J., nozzle expansion and flow
 characteristics of potassium vapor, 4953
 Goldner, B. H., research on ion transport
 across microbial membranes, 4554
 Goldner, Lester, paper, Mar. 28, 1966, 13956
 Goldsmith, Richard, stratigraphic names in
 New London area, Conn., 12014
 Goldstein, Benjamin, MDTA training pro-
 gram, 1963 and 1964, comparison, 2283
 Goldstein, Charles M., single-collision model
 for electron-beam currents between plane
 electrodes, 1250
 Goldstein, Harold, education and work life
 in changing economy, 12222
 Golley, Frank R., cesium 137 facility for
 ecological research, development, 8293
 Gomes, John M. :
 electrolyte life in winning tungsten from
 scheelite, 12259
 electrowinning tungsten in halide and
 phosphate electrolytes, 7711
 Gomez, Anselmo S. Alvarez, *see* Alvarez-
 Gomez, Anselmo S.
 Gomez, Gustavo E., relief, 16014
 Gonzalez, Hilda W. Perez de, *see* Perez de
 Gonzalez, Hilda W.
 Gonzalez-Mora, Antonio, and wife, relief,
 16024
 Good, Philip C., electrodeposition of alu-
 minum from fused-salt electrolytes con-
 taining aluminum chloride, 10923
 Good, R. Earl, electron attachment to atomic
 fluorine in thermally ionized air, 12274
 Goode, Robert J. :
 fracture toughness characteristics of some
 titanium alloys for deep-diving vehicles,
 1362
 metallurgical characteristics of high
 strength structural materials, quarterly
 report, 16769
 Goodlettsville, Tenn., motor carrier accident,
 10697
 Goodman, George E., community health plan-
 ning grants for heart disease, cancer, and
 stroke, 14757
 Goodman, John M., ionospheric parameters
 derived from Echo II radar returns dur-
 ing solar minimum conditions, 12442
 Goodsell, Wylie D. :
 costs and returns—
 commercial farms by type, size, and
 location, 12597
 commercial farms, long-term study,
 8167
 western livestock ranches, 14529
 Goodson, Cora L., temperature, pulse, and
 respiration measurement, programed note-
 book for nursing assistants, 13995
 Goodson, Kenneth W., longitudinal aero-
 dynamic characteristics of flapped tilt-
 wing 4-propeller V/STOL transport model,
 6424
 Goodwin, Charles, Navy contract law, 12444
 Goodwin, Robert C. :
 addresses, etc.—
 Jan. 10, 1966, 4331
 Sept. 27, 1966, 16244
 Goodyear, W. H., computation of cartesian
 coordinates and partial derivatives of two-
 body problem, 16589
 Goodykoontz, Jack H., local heat-transfer
 coefficients for condensation of steam,
 6466
 Goolsby, O. Halbert, agricultural exports
 from temperate and tropical zones, changes
 in prices and foreign exchange earnings,
 7293
 Goose Lake, accessibility field methods and
 logistics, 1638
 Gooseberries, *see* Chinese gooseberries.
 Gopin, A. J., cold gas technique for jet ex-
 haust impingement studies, 1242
 Gordan, Winsome E., relief, 1816
 Gordeyev, Nikolay P., Soviet scientist,
 biography, 17796
 Gordon, C. H., value of mature corn for sil-
 age, 14107
 Gordon, Lincoln, nomination, hearing, 5809
 Gordon, Margaret S., retraining and labor
 market adjustment in Western Europe,
 1080
 Gordon, Tavia, hypertension and hyperten-
 sive heart disease in adults, 9633
 Gordon County, Ga., soil survey report, 1478
 Gore, Lillian L., survey of early elementary
 education in public schools, 7325
 Gorgas Memorial Laboratory :
 annual report, 4055
 audit report, 4055
 Gorham, J. R., minks, diseases and parasites,
 28
 Gorman, John L., soil survey report, Berkeley
 County, W. Va., 15334
 Goryaynov, K. E., Soviet construction engi-
 neer, biography, 10793
 Gosselin, Dean H., relief, 16050
 Goudy, William H., woodcock status report,
 11979
 Gould, Harold A., automatic data processing
 equipment, economy of operations,
 Goddard Space Flight Center, 4144

Gould, Marie L.:
 blacktail deer and Roosevelt elk, bibliography, 10616
 bluebunch wheatgrass (*Agropyron spicatum*), 1920-64, bibliography, 4436
 shelterwood harvest methods and results for coniferous species, bibliography, 10613
 soil moisture, investigations on grass-and shrub-land soils, 1942-64, bibliography, 4482
Government:
 and food industry (address), 37
 and petroleum industry (remarks), 6060
 business economist and Government (remarks), 15642
 business relations, partnership for progress (remarks), 7012
 can help you improve educational quality and opportunity, 4307
 census, final reports, 209-210
 census publications—
 price list, 5101
 recurrent reports scheduled, announcement, 14281
 city finances, 11476
 Constitution and Government, Federal textbook on citizenship, 6052
 contingent liabilities, report, 17316
 creative federalism functions, close relationship among Federal, State, and local areas (remarks), 14151
Federal—
 action in disaster, Hurricane Betsy, 7327
 automatic data processing equipment, 12689
 careers in statistics, examination announcement, 297
 Federal, and public libraries, 10-year partnership, 13419
 impact of research and development policies on scientific and technical manpower, hearings, 1949
 inspection service facilities at international airports, 11387
 inventory of automatic data processing equipment, 1689
 minority group employment, 1965, study, 310
 organization and employees, title 5, U.S. Code, enact—
 law, 15733
 report, 13157
 paperwork procedures, hearings, 11674
 price statistics, 14371
 research and development programs, decision making process, report, 12920
 research and development programs financed by, investigation and study, authorization, report, 4182
 research programs, conflicts with goal for education—
 committee print, print additional copies, reports, 10200, 10206, 17473
 hearings, print additional copies, report, 10207
 role in science and technology (remarks), 170
 science, humanities, and Federal government, partners in progress (remarks), 8305
 system, intergovernmental cooperation (remarks), 11303
 use of polygraphs as lie detectors—
 hearing, 4133
 report, 15930
 government and science, hearings, 1866
 government finances, GF series, 3933-34, 6933, 8367, 11476, 12728
 industry cooperation (address), 15562
local—
 construction expenditures, 3935, 11477
 Federal contributions available for civil defense, 11491
 law enforcement, Federal assistance, hearings, 582, 14429

Government—Continued
local—continued
 retirement systems, early retirement provisions, 6610
 role in economic development of rural areas, research needs and opportunities, 13262
 unshackling, survey of proposals by Advisory Commission on Intergovernmental Relations, report, 15843
 metropolitan councils of governments, information report, 16915
 Miniskaya oblast, party and local government cooperation, USSR study, 9128
 new programs to combine Federal and local resources for improved public services (address), 9806
 occupations, employment outlook, 9302
 operations, improving, General Accounting Office findings and recommendations, 11610
 Our American Government, what is it? how does it function? print as House document, reports, 17279, 17545
 our Government—
 becoming a citizen series, 4543
 Federal textbook on citizenship, 7504
 personal income taxes, Federal-State coordination, 3723
 reports, U.S., popular names, catalog, 16546
 science, government, and public policy, panel—
 papers, 8682
 proceedings, 5709
services—
 aids to modernization, guide, 1690
 urgent need for talent, 16540
State—
 Federal contributions available for civil defense, 11491
 finances, 1965—
 compendium, 8367
 summary, 6933
 State and local—
 special studies, 6938
 tax revenue, quarterly summaries, 3448, 6935, 9968, 11478
 use of satellite communications—
 hearings, 15973
 report, 17345
 womanpower, shortage or surplus? assessment in Boston, conference report, 16912
 see also Coalition governments—Intergovernmental relations—also headings
 beginning Government.
Government contracts:
 administrative debarments of contractors as affecting small business, report of Attorney General, 1928
 Atomic Energy Commission facilities, contractors savings through increased purchasing from GSA supply sources, GAO report, 16346
 audits by GAO, 16340
 boards of contract appeals, operation and effectiveness—
 analytical study, 13069
 print as Senate document, report, 13171
 hearings, 11833
 buildings and land, long-term leasing, Defense Dept., GAO report, 16344
 chemical milling inventions, use by Govt. contractors, GAO review, 7478
 code of Federal regulations, 5949, 7404, 8915-16, 10497, 11935
 contract administration services, Defense Supply Agency manual, 4250, 7261, 10393, 13252
 contract pricing, Armed services procurement regulation manual, 7252
 contractor employees, preferential allowances paid at Hanford Works, Richland, Wash., GAO report, 10623

Government contracts—Continued
 contractor performance evaluation (development and production), guide, 14518
 contractors, discrimination in employment practices on grounds of race, religion, or national origin, prohibit, opinion of Attorney General, 7638
 contractors guide for civilian agencies dealing with Army Materiel Command, etc., 5345
 contractors to give affidavit of payment of subcontractors, report, 15888
 defense contract audits by GAO, report, 7098, 12987
 defense contracts, charges to company operated and chartered aircraft, GAO report, 13379
 Dyna-Soar contract cancellation, effects upon employees of Boeing Co., case study, 3809
 equipment, maintainability demonstration, military standard, 8813
 general safety and health standards for Federal supply contracts under Walsh-Healy public contracts act, regulations, 12558
 identical bidding in public procurement, report of Attorney General, 1074, 17797
 International Development Agency, procurement regulations, 2182
 labor compliance manual, direct Federal and Federal-aid highway construction, amdt., 15315
 McNamara-O'Hara service contract act of 1965, guide, 8111
 motor vehicle leasing for use of contractors, Defense Dept., GAO review, 16348
 multiple-award contracting policy, GAO report, 7469
 NASA procurement directive, 3231
 NASA procurement regulation, 3232
 National Science Foundation, 2475
 Navy contract law, supplement, 12444
 Navy prime contractors, selling to, 1387
 negotiated, examination-of-records clause requirement, exempt foreign contractors, law, 15774
 patent policy—
 hearings, 1945
 report, 14458
 postaward audits, need for in Defense Dept. awards, GAO, report, 6014
 Post Office Dept. use of contractor-furnished personnel, GAO report, 4507
 procurement—
 administration procedures, 5341
 code of Federal regulations, 7403
 economic impact—
 background material, 5592
 hearings, 10093
 property and nonpersonal services by executive agencies, amend Federal property and administrative services act of 1949, law, 443
 proposal evaluation and source selection, 9884
 regional, hearings, 7237, 14506
 small business participation, hearing, 11834
 small business representatives conferences with Senate Small Business Committee staff members, 7238
 small business subcontracting and set-aside programs, hearings, 7165
 radiation safety and health standards for Federal supply contracts under Walsh-Healy public contracts act, regulations, 11313
 renegotiation act of 1951, as amended—
 regulations, 3462
 text, 18089
 renegotiation act of 1951, extend—
 law, 12819
 reports, 11617, 12909, 16071
 written statements, 10273

Government contracts—Continued
 renegotiation rulings, 15318
 star route mail, cost-of-living adjustments, provide—
 reports, 1834, 11781
 veto, 12859
 synopsis of proposed procurement invitations, subcontracting leads, etc., 2760
 system engineering management standard for AFSC system acquisition programs and projects, 6796
 TFX contract investigation, hearings, index, 10348
 Univac Division, overhead costs charged, GAO report, 9000
 Walsh-Healy public contracts act—
 guide, 1531
 sheltered workshops, questions and answers, 15417
 Government control, *see* Government regulation and control.
 Government documents, *see* Government publications.
 Government employees, *see* Government officials and employees.
 Government employment, *see* Employment.
 Government offices:
 accounting adjustments between appropriations, authorize—
 law, 15698
 report, 11778
 accounting policy and procedures, GAO guidance manual, 3016
 administrative practices and procedures—
 amend act, report, 11763
 investigation—
 authorization, report, 4186
 report, 5782
 agencies with disaster assistance responsibilities, guide, 4322
 air pollution originating from Federal installations, control, executive order, text and standards, 11181
 appropriations, 1966, supplemental, proposal, 8688
 appropriations, 1967, supplemental, proposal, 17406
 attorneys' fees for services in proceedings before administrative agencies, arbitrary limitations, remove—
 hearings, 11819
 report, 13124
 automatic data processing equipment, economic purchase, lease, etc.—
 law, 408
 report, 563
 communications satellite programs, relationships, hearings, 7201
 credit programs, study, print additional copies, reports, 12999, 17474
 dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14728
 drug activities, interagency coordination, report, 8759
 electronic data processing systems, management and organization, procurement, etc., hearings, 13055
 executive agencies, procurement of property and nonpersonal services, amend law, law, 443
 executive branch—
 appropriations, 1967, amendments, 8507
 reorganization, study, authorization, report, 4181
 Federal agencies with primary civil rights responsibilities, 4327
 Federal aids to communities, handbook, 11856
 Federal installations, disposal of sewage and industrial wastes, report, 12913
 Federal services to help communities plan with youth, 60

Government offices—Continued

Federal-State-local cooperative arrangements for selected statistical activities, programs and problems, statements, 14244
files maintenance and disposition, DSA manual, 5849
financial agencies, policies and practices, hearing, 17368
general Government matters—
appropriations, 1966, continue—
laws, 395
report, 1836
appropriations, 1967, continue—
laws, 15704, 17110
reports, 15856, 17242
Government organization manual, 13327
independent offices, appropriations, 1967—
hearings, 8651, 13193
law, 15734
reports, 8638, 14401, 16090
information and records, regulating availability, report, 11763
Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures and plans for future work, progress report, 14245
interagency coordination in environmental hazards, hearings, 4223, 5813, 7214
report, 13156
interagency management information systems, need for, etc., 15561
interagency training programs, 9996
interdepartmental activities overseas, coordination by Sec. of State, 8779
invasions of privacy, hearings, 1946, 11817
joint financial management improvement program, annual report, 8981
manpower management, practices, etc., improvements, 1864, 8677, 17391
manufacturing activity, 1963 census of manufactures, 3907
operation of elementary and secondary schools by Federal agencies, investigations and study, report, 17298
organization and employees, title 5, U.S. Code, enact—
law, 15733
report, 13157
organization of Federal executive departments and agencies—
chart, 8776
report, committee print, 8777
paperwork, how to cut, report, 17257
policies and procedures, General Accounting Office guidance manual, 803-804, 10617
records and papers, disposition, reports, 504, 4089, 5633, 5639, 5667, 7082, 8606, 10118, 10168, 12947, 15836, 17210, 17224
regulatory and enforcement agencies, activities relating to small business, hearings, 15990-991, 17395
reorganization, *see*, in main alphabet, Government reorganization plans.
reports on obligations, regulations, 6674
reports to be made to Congress, discontinuance or modify requirements—
law, 448
report, 491
representation by attorneys, etc., in matters before Federal agencies, provide for, law, 433
resources available for foreign affairs research, directory, 6633
safety activities, management and financial aspects, workshop proceedings, 8928
sales of financial assets under participation sales act, submission of data, regulations, 14050
scientific information activities, 5050, 11112, 13890
statistical activities, personnel, equipments, costs report, 7095

Government offices—Continued

summer jobs in '66, office and science assistant positions, 311
summer vacation jobs in Federal agencies, 1761
traffic safety role, hearings, 4222, 10347, 13214
transportation, GAO guidance manual, 3015
see also Government supplies—*also* names of offices.
Government officials and employees:
acceptance of gifts and decorations from foreign governments, establish basic uniform standards, reports, 10286, 17238
automotive travel cost reductions through use of Govt.-owned vehicles, GAO report, 14730
back pay act—
hearing, 5823
law, 7044
reports, 7078, 7179
classified and postal salary rates, 7159
community action agencies, etc., prevent engaging in pernicious political activities, hearings, 14498
compensation, correction of inequities—
hearing, 17595
report, 12944
current workforce data, 301
detailing field employees into District of Columbia, repeal law prohibiting, report, 17262
District of Columbia income taxes, withholding regulations, rescission, 15396
dual compensation act, operations of executive branch under title 2, report, 7158
employment and payrolls, monthly, 3534
Federal career directory for college students, 8400
Federal employee facts, 17040
Federal employees, allotments of pay for State income tax withholding, regulations, rescission, 15397
Federal employment—
monthly report, 3217
statistics bulletin, 2928
Federal news clip sheet, 2942
Federal personnel, bimonthly statistics, 2639
Federal system as seen by Federal aid officials, results of questionnaire, 8775
Federal workforce outlook, 3979
Government organization and employees, title 5, U.S. Code, enact—
law, 15733
report, 13157
group life insurance—
FPM manual supplement, 2948
health benefits, retired Federal employees health benefits, report, 6965
improved benefits, etc., hearings, 8676
group life insurance act amendments of 1966, 7160
group life insurance act of 1954—
amend, increase Government contributions, etc., report, 8724
amend with regard to filing designation of beneficiary—
law, 7037
report, 5790
hazardous duty pay, amend classification act—
hearing, 8788
law, 12837
report, 16070
health benefits act amendments of 1966, 7160
health benefits act of 1959, amend to permit additional plans, reports, 5669, 8542
health benefits, FPM manual supplement, 2949
imported household and personal effects, customs requirements, 16205

Government officials and employees—Con.
interagency training programs, 9996
Executive Seminar Center, 1755, 14308–
309
leave not to be charged for absence as
result of hostile action abroad, report,
16157
licensed to drive taxicabs in D.C., investi-
gations and actions, GAO report, 2087
motivating employees through within-
grade pay increases, 3981
moving and storage expenses of household
goods of Federal employees assigned
to isolated duty stations, reimburse—
law, 15706
reports, 503, 8548, 13143
pay checks drawn in favor of banks, etc.,
for credit of Federal employees' ac-
counts, 5191
political activity, legal restrictions, 9998
position-classification standards, 3329
postal employees, instructions and infor-
mation, 3331
psychological testing procedures and con-
stitutional rights, hearings, 10356
qualification standards for classification
act positions, CSC handbook, 7038
rates for positions under general schedule,
amdt., 302
reemployment leave travel benefits, GAO
report, 8998
retired, health benefits act, amend with
respect to Govt. contribution for ad-
ministration, report, 17194
retirement systems, benefits and bene-
ficiaries, 9657
salaries and fringe benefits, adjust rates
of basic compensation, etc.—
hearings, 7161, 10365
law, 12829
reports, 8596, 10307
salaries, statutory systems, annual report,
5619
salary comparability act, law, 403
salary rates, 14434
seafaring, additional leave—
report of Civil Service Commission,
14435
report of House Committee, 17260
severance pay benefits, regulations, ad-
vance edition, 5703
staff retirement systems act of 1966, 7160
State and local, finances of retirement sys-
tems, 3934
summer vacation jobs in Federal agencies,
1761
trades and crafts, equipment operation
and repair, at journeymen and junior
levels, examination announcement, 7035
travel time compensation, hearings, 5704
unemployment compensation, by industry
and State, 2882
variation of 40-hour workweek for educa-
tional purposes—
hearing, 11679
law, 15703
report, 11624
voluntary payroll savings plans for pur-
chase of United States savings bonds,
8101, 15394
wage board system, report, 10261
withholding on compensation of Federal
employees for State and territorial in-
come tax purposes, regulations, rescis-
sion, 15395
work injuries sustained, 661
you and the public, federal employees,
facts, 17040
see also Civil service—Civil service pen-
sions—also names of departments, etc.,
where employed.

Government Operations Committee, House:
activities, 89th Cong., 1st sess., interim
report, 7147
calendar, 3117

Government Operations Committee—Con.
hearings, 4132–33, 5694, 7145–46, 7148–
49, 8669, 11658–659, 13039–40, 14422–
425, 15970–974, 17379–381
investigations and studies, expenses, re-
port, 5642
reports, 478, 487, 491, 503, 1824, 7092,
7096, 7098, 8566, 8620–22, 8628, 8630,
8639, 10124, 10245–246, 11634, 12913,
12919–920, 12987, 15843–844, 15847,
15864, 15918, 15920, 15929–930, 15950,
17193, 17239, 17266, 17289, 17345–346,
17353

Government Operations Committee, Senate:
calendar, 3137
committee prints, 577–578, 4219–20, 5812,
8775, 8777, 8779, 10345, 10348, 10351,
13213
hearings, 4221–24, 5813–14, 7214–16, 8774,
8778, 10346–47, 10349–50, 11808–809,
13212, 13214, 14482–485, 16187–188,
17580–582
investigation and studies—
executive branch reorganization, author-
ization, report, 4181
foreign aid expenditures, authorization,
report, 5756
intergovernmental relations, authoriza-
tion, report, 4183
national security and international op-
erations, authorization, report, 4184
Permanent Subcommittee operations,
authorization, report, 4180
research and development programs,
authorization, report, 4182
organization chart of Federal executive
departments and agencies, 8776
reports, 549, 563, 8731, 8739, 8759, 11777–
778, 13138, 13142–143, 13155–156,
16158, 17467, 17550

Government organization manual, 13327
Government periodicals, see Periodicals.
Government printing and binding, see Public
printing and binding.

Government Printing Office:
appropriations, 1967, legislative—
amendment, 11609
hearings, 11641, 16171
law, 15727
reports, 10224, 13168, 14395
financial statements, 1965, examination,
GAO report, 14723
how to do business with GPO, contractor's
guide, 12034
print and deliver to GSA additional copy
of certain publications, reports, 16132,
17280

Government property, see Public property.

Government publications:
additional copy of certain publications for
GSA, Public Printer to print, reports,
16132, 17280
certain documents executed by personnel
of Department of Housing and Urban
Development, valid and effective, opinion
of Attorney General, 9192
classified list, 15264
exchange, agreement with Philippines,
9728
monthly catalog, 3208
price lists—
Public Documents Division, PL series,
1404–9, 2519, 5096–5101, 6568–69,
7986–87, 9621, 11178–179, 12457–
458, 13950–953, 15265–266, 16785–
789, 17992–996
selective bibliography of Government
research reports and translations,
3989
subscription services, 17995
scientific documentation sponsored by
NSF, price list, 9712
selected, list (periodical), 3510
State publications, monthly checklist, 3209
top 25, list, 13954

- Government publications—Continued
see also Congressional documents—*also*
names of departments, etc., issuing pub-
lications—*also* subjects.
- Government regulation and control:
building codes, program for intergovern-
mental reform, report, 8121
selected services used by shippers and re-
ceivers of fresh fruit and vegetables,
16728
shipping industry (remarks), 7370
- Government reorganization plans:
act of 1949, make authority permanent,
report, 1824
- Community Relations Service—
disapprove, hearings, 7216
hearing, 7149
message from the President, 4073
reports, 8566, 8731
executive branch, study, authorize, report,
4181
- Health, Education, and Welfare Depart-
ment, hearings, 4224, 8778, 10349,
14484, 17582
- National Capital Regional Planning Coun-
cil—
hearing, 14425
message from the President, 12858
report, 15918
- National Zoological Park, message from
the President, 11615
- Navy Department, 7066
- Public Health Service—
hearings, 11659, 16188
message from the President, 8506
- State Department, hearings, 4224, 8778,
10349, 14484, 17582
- water pollution control functions—
hearings, 8669, 10350
message from the President, 5613
report, 8639
- Government securities:
direct purchase by Federal reserve banks,
extend authority—
law, 12821
reports, 11748, 15840, 15845
yields and prices, 3631
see also Treasury notes.
- Government supplies:
Federal item identification guides (FIIG),
improvement program, general confer-
ence, 11848
- Federal item identification guides for sup-
ply cataloging—
abbreviations and symbols, 4253
alphanumeric index of names, 4252
numeric index of description patterns
and item name codes, 5850
supplements, 2930-40
- Federal manual for supply cataloging,
operating procedures, 604
- Federal Procurement Regulations—
FPR amendments, 2955
temporary regulation, 813
- Federal specifications, 735, 2030, 4394,
5959, 7422, 8929, 10515, 11952, 13329,
14643, 16288, 17664
- Federal specifications and standards—
guide, 4508
index, 7426
supplements, 3052
- Federal standards, 736-737, 4395-96, 7423,
10510, 14644, 16289, 17665-667
- Federal supply catalog, 4254-56, 5851,
8809-11, 17611
- Federal supply classification, directory
and planning, schedule of class and area
assignments, 5856, 7270, 16214
- Federal supply classification handbook—
alphabetic index, 4243
supplements, 2964
groups and classes, 1960
numeric index of classes, 2963, 4242
- Government supplies—Continued
Federal supply code for manufacturers—
excluding United States and Canada,
supplements, 2966
- United States and Canada—
code to name, 602
supplements, 2967
name to code, 601
supplements, 2968
- Federal test method standards, 4397, 7424,
14645
- general stores stock catalog, 2031, 3018,
13330
hand tool section, 4398, 7425, 11956,
14646
- GSA stock catalogs, 16290, 17668
hand tool item price changes, 2032
- input and output codes, supply cataloging
manual, 4244
- International Development Agency, pro-
curement regulations, 2132
- item identification, cataloging manual, 603
- procurement—
economic impact—
background material, 5592
hearings, 10093
- NASA directive, 3231
NASA regulation, 3232
- Navy directives, revisions, 3255, 11160
- practices in African countries, 17058
- small business subcontracting and set-
aside programs, hearings, 7165
- synopsis of proposed procurement invita-
tions, subcontracting leads, etc., 2760
see also Military supplies—Surplus prop-
erty.
- Governor Baxter State School for the Deaf,
Portland, Maine, workshop on interpret-
ing, report, 14069
- Governors' commissions on status of women,
1558
- Gow, Anthony J.:
mode of uplift of fish and fossiliferous
moraines of McMurdo Ice Shelf, Antarc-
tica, 5344
- snow studies in Antarctica, 8238
- Gowen, Justin B.:
mineral industry of Austria, 7687
- mineral industry of Federal Republic of
Germany, 10914
- mineral industry of Luxembourg, 7697
- mineral industry of United Kingdom,
10916
- Gower, H. D., mineral resources of San
Rafael primitive area, Calif., 10635
- GPO, *see* Government Printing Office.
- Grabner, Raymond E., germination of eastern
white pine seed as influenced by stratifi-
cation, 798
- Grace, J. L., jr.:
adequacy of submerged rock weirs to with-
stand propeller wash, St. Clair River,
Mich., 11896
- resistance coefficients for structural plate
corrugated pipe, hydraulic model in-
vestigation, 8864
- Grachev, Raymond J., relief, 5731
- Grading of commercial products, dairy
plants surveyed and approved, USDA grad-
ing service, 16200
- see also* names of products.
- Graduate work, *see* Colleges and universities.
- Graduates:
careers, liberal arts and science graduates,
guide, 17630
- college, training program in health sta-
tistics, 8003
- higher education act of 1965, prospective
teacher fellowship program, 11880
- Graf, Truman F., cheese production in United
States, 16726
- Grafting (physiology):
transplant immunity and radiation chi-
mera, USSR study, 14920
- Grafton, Sue B., effects of applying thrust
on recovery from incipient and developed
spins for 4 airplane configurations, 12341

- Graham, K. D., minimax control of large launch boosters, 15053
- Graham, Ralph E., Newtonian aerodynamic characteristics of blunted right elliptical cones, 13809
- Grain:
- cereal grains, trade and tariff, information, summaries, 14015
 - cooperatives, general information, 2000
 - costs of storing and handling in commercial elevators, 1964-65 data, 8829
 - crop quality, carlots and trucklots receipts, 13234
 - crops, stem sawflies of economic importance in U.S., 5298
 - culture, etc., publications, price list, 1404
 - drying and storage studies in southwest Georgia, 67
 - feed grain—
 - production and foreign demand (address), 9809
 - program, 1965, statistical summary, 12591
 - program, 1966, general information, 8156
 - foreign agriculture circulars, 2987
 - handling of food grains, Food and Drug Administration's grain sanitation program, 2050, 5969
 - land improvement to obtain high and stable yields, USSR study, 10812, 12156
 - losses in transportation and handling by marketing cooperatives, 14143
 - market news—
 - quarterly summary and statistics, 3026
 - weekly summary and statistics, 3027
 - sales to Eastern Europe, shipping restrictions, hearings, 575
 - small, drying, methods, etc., 1583
 - Soviet imports, 626
 - standards act—
 - as amended and regulations thereunder, errata, 4235
 - provide uniform national inspection system, etc., proposed changes, summary, 14407
 - standards, official, United States, 7245
 - stocks—
 - in all positions, quarterly report, 3541
 - in deliverable position at Chicago, weekly report, 3542
 - storage facilities, sale—
 - hearing, 15951
 - reports, 17231, 17557
 - storage, off-farm commercial facilities, 623
 - transportation in southwestern States, 1960-62, by rail and truck, 3771
 - world trade, 17680
 - see also* names of grains.
- Grain elevators:
- commercial, costs of storing and handling grains, 8829
 - terminal, unloading boxcars of grain in hard winter wheat area, 15434
- Grain mills, census of manufactures, industry report, 5439
- Grain size (metal), *see* Metallography.
- Grambs, Jean M., curriculum guide to adult education, intermediate level, 10419
- Gramley, Lyle E., time deposits in monetary analysis, 2028
- Grammar, *see* English language.
- Grand Banks, Newfoundland, oceanography of region, 14317
- Grand Calumet River:
- pollution of interstate waters, conference—
 - proceedings, 7493
 - technical session, 11961-1962
- Grand Coulee Dam:
- third powerplant, construction, etc.—
 - appropriation, 15784
 - authorize—
 - law, 11557
 - reports, 8595, 8602
- Grand Junction Operations Office Analytical Laboratory, handbook of analytical procedures, supplement, 8292
- Grand Lake area, Maine, bedrock geology, 815
- Grand Portage National Monument, general information, 11126
- Grand Saline, Tex., railroad accident, 6097
- Grand Teton National Park, general information, 9571
- Grand Traverse County, Mich., soil survey report of area, 6615
- Grandfather Mountain, window and vicinity, N.C., mineral resources, 10639
- Grandone, Peter, mineral industry of Louisiana, 2331
- Grandparents, foster grandparent program, 14526
- Granges, helping farmers' incomes and Nation's balance of payments (address), 3738
- Granite:
- explosive in, comparison of end and axial methods of detonating, 2349
 - explosives, comparative studies, 1164
- Granite City Defense Depot, employees relief, 4076, 14362
- Grantham, Marilyn H., agricultural situation, 2653
- Grants-in-aid:
- academic grants awarded, by country and area, 14691
 - administered by Health, Education, and Welfare Dept., 14758
 - aged, community planning, etc., report, 17460
 - air pollution control act, amendments, description, 2107
 - air pollution control programs—
 - hearings, 13228, 15982
 - reports, 11782, 15946, 17295
 - staff study, print additional copies, report, 7195
 - airport program, extend time for making grants—
 - hearings, 11797, 17383
 - law, 17136
 - reports, 11776, 15940
 - airport program, field operations procedures, FAA handbook, 5914
 - airports, Federal aviation regulations, 693, 2009, 10468, 16264
 - allied health professions personnel training act of 1966—
 - hearings, 10249, 17591
 - reports, 10225, 15841, 17535
 - areas eligible for financial assistance, map, 8820, 16218
 - Army Research Office, scientific research, general information, 11393
 - arts and humanities encouragement, legislative summary, 4537
 - arts and humanities, public elementary and secondary schools, instruction, financial assistance, 8843
 - awarded by NIH, 1965, index, 13991
 - child food service program—
 - hearings, 13191, 17375
 - reports, 12985, 13146, 15865, 15890
 - children's summer lunches—
 - hearings, 13030
 - report, 8634
 - Chronic Diseases Division, research grants, program, 2539
 - city demonstration programs, comprehensive planning—
 - hearings, 8659
 - message from the President, 5605
 - summary of bill, 8664
 - civil defense, Federal contributions available to State and local governments, 11491
 - communities, Federal aids, handbook, 11856
 - community action program grantees, directories, 5861, 13258

Grants-in-aid—Continued
 community development district act of 1966, rural America—
 hearings, 8761, 14403
 report, 8740, 12918
 community health planning grants for heart disease, cancer, and stroke, 14757
 community health projects, out-of-hospital health services, 18068
 Community Health Services Division, research and research training grants and fellowship programs, 1433
 community hospitals and other health facilities, facts for Hill-Burton applicants, 13955
 community mental health centers act, aspects (address), 16790
 community sewage treatment needs, construction program, 7429
 constitutionality under certain acts, judicial review—
 hearings, 11818, 13223
 report, 13164
 demonstration cities and metropolitan development act of 1966, reports, 13186, 15897, 17241, 17336
 Economic Development Administration, program for building communities with jobs, 7272
 EDA grants and loans for public works and development facilities, 1968
 EDA planning grants for economic development, 1966, 4264
 EDA program for building communities with jobs, 1964
 education—
 aquatic sciences, graduate grants, 4412
 construction of elementary and secondary schools, hearings, 5690
 disaster areas, etc., law, 415
 elementary and secondary—
 amendments of 1966—
 hearings, 13028, 13226, 14416, 17373
 reports, 12989, 15924, 17342, 17499
 formulas under 1965 school act, hearings, 4128
 PACE, projects to advance creativity in education, supplementary centers and services, etc., 5879
 profile of ESEA, 5881
 entitlement by impacted area school districts under P.L. 874 and P.L. 89-10, 11826
 federally affected areas, impact aid hearings, 14417
 grant programs, 7309
 projects in oral, head and neck cancer, guidelines, 5105
 schoolman's guide 512
 testing, guidance, and counseling programs under title 5-A, national defense education act, legislative changes, 653
 vocational and technical, review of activities, 14563
 educational research training program, guidelines, 644
 elementary and preschool child development act—
 hearings, 5689
 report, 5676
 family planning program, Federal financial assistance to public agencies, etc., hearing, 14499
 farm labor housing, 12611
 Federal aids to State and local governments, catalog, supplement, 10345
 print additional copies, reports, 10212, 10293
 Federal, airport improvements at Kenal and Soldotna, Alaska, Federal Aviation Agency, GAO review, 17711

Grants-in-aid—Continued
 Federal research programs, conflicts with goals for education—
 committee print, print additional copies, reports, 10200, 10206, 17473
 hearings, print additional copies, report, 10207
 foreign studies extension, overseas projects in education, 16232
 forestry research fact sheet, 5837
 get ready for college and go, 4 programs of Federal assistance in financing education, 5874
 grants and other financial assistance programs administered by Health, Education, and Welfare Dept., impact of 1965 legislation, 4532
 handicapped children, program for preparation of professional personnel, 4303, 7310
 handicapped, expansion grants to increase rehabilitation, 11308
 health—
 grants made by PHS to Indiana, financial administration, GAO review, 16347
 made by PHS to Illinois, administration, GAO report, 13380
 health planning and services—
 hearings, 7230, 17386
 reports, 16161, 17308
 health professions educational and assistance amendments of 1965, law, summary, 4534
 health research facilities, guidelines for architectural-engineering documents, 15267
 health services, comprehensive, for children and youth, project grants, policies and procedures, 3944
 higher education act of 1965—
 law, 430
 outlined by title, 645
 questions and answers, 7312
 section by section analysis, 646
 higher education amendments of 1966—
 hearings, 13227, 17374
 reports, 8629, 16167, 17349
 higher education facilities, financial assistance for construction regulations, amended, 11873
 highway beautification program, costs, 1967 estimate, instruction manual, 11204
 highway beautification, report, 546
 highway construction act of 1966—
 hearings, 10262, 11831
 law, 15749
 proposed legislation, analysis, 7168
 reports, 12949, 12974, 13169
 section-by-section analysis, 14441
 highway program—
 America's lifelines, 11202
 Louisiana, highway construction practices, report, 15948
 toll facilities relationship, hearings, 14440
 highway safety—
 hearings, 10264, 10368
 law, 15742
 reports, 12946, 12993, 16078
 historic sites preservation—
 hearing, 11814
 reports, 13148, 15892
 housing and urban development act of 1966—
 reports, 13188, 14388, 17202
 summary of House bill, 13023
 individual and community advancement, Federal programs, 11347
 intergovernmental cooperation and administration of Federal programs, strengthen, hearings, 17581
 intergovernmental relations, results of questionnaire, 8775

Grants-in-aid—Continued
 international education—
 hearings, 10238, 16193
 reports, 10161, 17528
 print, additional copies, report, 13006
 international health work, grants to
 schools for training personnel—
 hearings, 5698
 report, 7084
 juvenile delinquency and youth offenses
 control act training grants awarded,
 Sept. 1964–Sept. 1965, summaries, 16906
 Kansas areas damaged by tornadoes, hear-
 ing, 11792
 law enforcement assistance act of 1965,
 hearings, 582
 law enforcement, Federal assistance to
 State and local governments, amend
 law, hearings, 14429
 libraries, appropriations, 1967 amend-
 ments, 17171
 library services and construction act—
 extend and amend—
 hearings, 10239, 11823
 law, 12836
 reports, 8635, 10170, 16067
 Federal allowances and required match-
 ing expenditures from State and local
 sources, 1978
 McIntire-Stennis cooperative forestry re-
 search program, administrative manual,
 14132
 major programs providing Federal funds
 for employment & training, 9944
 manpower and automation research,
 MPTA sponsored, 2282
 manpower development and training act
 of 1962, guidelines for research, 16513
 medical assistance under title 19 of social
 security act, limitations, report, 17282
 medical care, directory, 4539
 medical care, to improve, guide, 10658
 mental health projects—
 completed, 6482
 current, 6483
 mental health research grant awards,
 15288
 mental health training grants, program—
 general information, 9561
 statistical sourcebook, 2459
 mental retardation, HEW programs, 7495
 mental retardation research, etc., awarded
 by HEW, 2108, 17732
 mentally retarded—
 community facilities construction
 grants, 12462
 university-affiliated facilities construc-
 tion grants, 7992
 national defense student loans, college-
 work-study program, and list participat-
 ing institutions, 7316
 National Heart Institute—
 comparative, veterinary, and primate
 cardiovascular research, 5026
 rheumatic fever and rheumatic heart
 disease, research, review, 18076
 National Science Foundation, 2475
 noncash credits, certain policies and prac-
 tices in approving claims for, Renewal
 Projects Administration, GAO review,
 17710
 nurse training project grants, list, 18059
 nursing research grants and awards, 12464
 nursing research projects, 1434
 older Americans act—
 grants to public and private nonprofit
 agencies, etc., for research, demon-
 stration, and training projects, 3
 grants to States for community plan-
 ning, services, and training, 4
 outdoor recreation, manual, 3303, 11162,
 15253
 Philippine hospitalization and medical
 care of veterans, extend—
 hearings, 16195, 17397
 reports, 15866, 15877, 16133

Grants-in-aid—Continued
 population conferences, hearings, 4224,
 8778, 14484, 17582
 population crisis, hearings, 10349
 preliminary review of 1964–65 Federal
 grants, 8027
 professional training and cooperation
 amendments of 1966, report, 17269
 Public Health Service—
 cancer programs, 4531
 guide, 12468
 1964 funds, mental health research,
 11106
 1965 funds—
 construction of facilities, 6491
 health services, formula and project,
 6492
 mental health training, 2458
 research funds, 5033
 summary tables and graphic high-
 lights, 9560
 training grant programs, 13997
 training grants, traineeships, fellow-
 ships, etc., 6490
 public health traineeship program awards
 to individuals, 5102
 public works and development facilities—
 areas, eligible, 8819
 facts, 16217
 grants and loans, 4266
 public works grant rates in qualified
 areas under Public works and economic
 development act, 1969
 research grant program of NIMH, 1964,
 descriptive data sourcebook, 11111
 rural America, planning services, etc.,
 message from the President, 5604
 school districts affected by Federal activi-
 ties, effects of proposed amendments to
 act, 7232
 school programs, education, answer to
 poverty, 4299, 13270
 sea grant colleges—
 hearings, 11825, 14431
 reports, 15863, 16081
 solid waste disposal research, law, 396,
 7999
 State technical services program—
 amend act to include Guam, report,
 17268
 fact sheet, 11527
 special merit programs, 11528
 steps for State participation, 11529
 summer seminars, overseas projects in ed-
 ucation, 16243
 timing of payments for Federal grants,
 contributions and other programs, reg-
 ulations, 14048–49
 urban mass transportation, increase—
 law, 15740
 report, 13183
 veterinary medical education facilities con-
 struction and student loan program—
 hearings, 11665, 17591
 reports, 15943, 17527
 water and sewer facilities grant program—
 guide, 6048
 HUD information series, 6049
 water & sewer systems as provided under
 housing and urban development act of
 1965, 4541, 6049
 water pollution control—
 hearings, 13058
 print additional copies, report, 5758
 reports, 13150, 15909, 15925, 17324
 water pollution control research and train-
 ing grants—
 1962–64 index, publications and reports,
 10517
 1965 awards, list, 1446
 water resources research—
 law, 8480
 reports, 8550, 8569
 water resources research centers, amend
 act, hearings, 7152

Grants-in-aid—Continued

Wisconsin for Menominee County, etc.—
hearings, 11824
law, 17140
reports, 15894, 17498

Grapefruit:

exported from Florida, factors affecting
quality, 6758
Florida, packaged and labeled, sales test,
10414

Grapes, production, use, value, 1964-65 by
States, 15379

Graphite:

disposal from national or supplemental
stockpile, or both, law, 412
graphite-metal carbide composites, 12267
heater elements, refractory coating to pro-
tect from high-temperature hydrogen,
9452

liquid zirconium and niobium carbides con-
tainment between 3500° and 4700° K,
16614

minerals yearbook chapter, 16557

natural, duty-free treatment, make per-
manent—

law, 10084

reports, 8555, 10298

oxidation in high-temperature supersonic
and hypersonic environments, 12343

Graphs, see Charts.

Grasses:

culture, etc., publications, price list, 1404
perennial, seed yields, effect of diuron,
14163

turf, establishing, emergency construc-
tion, technical manual, 3834

see also Bluestem.

Grasshoppers, control on rangeland, hitting
the hot spots, 15474

Grasslands, national, facts, 10560

Gravel, census of mineral industries, 1963,
industry statistics, 11458

Graves, Albert H., unloading boxcars of grain
at terminal elevators in hard winter wheat
area, 15435

Graves, Ernest, jr., Isthmian Canal studies,
1964, nuclear excavation plan, 153

Gravimeters, A. Graf Gss-2 sea, investigation,
USSR study, 877

Gravimetric surveying, see Surveying.

Gravimetry:

borehole measurements in petroleum ex-
ploration and exploitation, 9017

gravimetric effects of petroleum accumu-
lations, preliminary summary, 7482

measurements on gyro-stabilized base from
surface vessels, USSR study, 876

report, 5012

Gravitation:

ballooning interchange instabilities of
magnetized plasmas under gravitational
fields, 8286

directional equilibrium of artificial satel-
lite enveloping nonuniform region of
gravitational field, 5072

lunar field, error analysis of weighted least
squares process to determine, 17923

sensitivity of short-period tracking data
from lunar satellite to lunar gravita-
tional field harmonics, 1271

sextant measures spacecraft altitude with-
out gravitational reference, 7797

Gravity:

anomalies of southwestern Sakhalin,
nature, USSR study, 14805

drift of inclined-orbit 24-hour satellite in
earth gravity field through 4th order,
15136

earth and simulated lunar, comparative
effect on man's gait, 12339

earth's longitude gravity field, sensed by
drift of 3 synchronous satellites, 16658

effects of gravity level on boiling in dis-
crete bubble region, 16651

exposure to chronic 2x gravity field, neuro-
logic adaptations in mice, 93

Gravity—Continued

gravity-gradient moments, use for re-
moval of momentum from spacecraft sys-
tem, 7844

gravity gradient torque, effect on motion
of spin axis of asymmetric vehicle, 9407

higher order gravity, influence in deter-
mination of equatorial ellipticity, from
Syncom II drift data, 9513, 13802

lunar, man's self-locomotion capabilities
with space suit, exploratory study,
12332

passive gravity-gradient stabilization,
symposium, 16620

potential and force field of earth through
4th order, 15137

reduced, critical heat flux for saturated
pool boiling, 4905

simulator effects partial gravity condi-
tions, 13774

water-immersion technique for study of
mobility of pressure-suited subject un-
der balanced-gravity conditions, 4900

zero- and reduced, simulation on magnetic-
colloid pool-boiling system, 6452

Gravity model trip distribution formula, see
Transportation.

Gray, Frederick D., sweetener market, trends
and prospects, 4283

Gray, Jerry J., mineral industry of Oregon,
1140

Grayson, Helen D.:
foreign trade regulations of—

Iran, 4006

United Arab Republic, 17055

Grazing:

fees and permitted use of public range-
lands on incomes of western livestock
ranches, effects of changes, 4279

permits, cancellation, fix compensation,
12866, 17090

publications, price list, 12458

see also Pasture lands.

Grease, see Lubricants.

Great Basin:

floods, magnitude and frequency, 7489

western, small playa, hydrologic factors
and saline mineralogy, relationship,
study, 9018

Great Britain:

amateur alien radio operators, authorize
to operate, agreement, 9730

atomic energy, cooperation for civil power
applications, agreements, 16861, 16864

chronic health care, comparison with
American, etc., methodology, 11684

community mental health services, 5025

double taxation, supplementary conven-
tion, protocols, report, 13057

economy, basic data, 14325

England, sailing directions—

east coast, 6519

south coast, 11142

European and British Commonwealth
series, 1489

experience under sick-pay plans, 18101

interim trade agreement, renegotiation of
schedule 20 of GATT, 12860

labor conditions, 12225

lights and fog signals, list, change, 2482,
7959, 12407, 16746

manpower policies, 11649

manpower policy and programs, 16515

market for—

audio-visual equipment, 174

electroplating and metal finishing equip-
ment, 177

travel to United States, main findings
of study, 1527

mineral industry, minerals yearbook chap-
ter, 10916

mortality trends in England and Wales,
changes, 5121

plant quarantine requirements, 14116

political and economic positions in Near
and Middle East, 6110

Great Britain—Continued

- Project Sparta, Australia, flight reentry program, agreement, 15348
- renegotiation of schedule 20 to GATT, agreement, 12529
- residential central heating equipment market, 10025
- social science research studies, current list, 11248
- supplementary tax protocol, message from the President, 10277

Great ice age, 10640

Great Lakes :

- commercial fisheries, 5963
- Federal fisheries and limnology research, annotated bibliography, 11978
- fish recipes from, 746
- fisheries—

- annual summary, 2034
- conservation, etc., law, 406
- convention with Canada, amending, 15999

forest-product imports and exports, 14706

ice cover data for winter of 1964-65, 9340

light list and other marine aids, 8405

notice to mariners, 3280

pilot, survey, 7679

- supplements, 1097, 10884-885, 13648-649, 14985, 16543

pilotage, 1964, statistical report, 4028

pilots, seaway dispatch system, district 1, operations manual, 4001

rules concerning sailing vessels, etc.—

- hearing, 10335
- report, 17313

small craft, gale and whole gale warning facilities charts, 15423-24

transportation lines, 14574

water pollution, control, etc., in region, hearing, 15974, 17381

waterways to Hudson River, completion, authorization, report, 1910

Great Lakes Pilotage Administration :

operations manual, district 1, seaway pilot dispatch system, 4001

statistical report, 4028

transfer, message from the President, 5617

Great Lakes States :

botanical and commercial range—

- black spruce, 5985
- white spruce, 5984

forest tree improvement research, 10596

growth patterns in employment by county, 8322

principal electric facilities, map, 7375

pulpwood chip production and markets, 14701

pulpwood production hampered by adverse weather and labor shortage, 14702

upper region, economic development program (remarks), 5560

Great Meadows National Wildlife Refuge, birds, list, 14666

Great Northern Ry., accident, 2136

Great Plains :

central—

Indians, general information, 16369

windbreaks—

height growth characteristics of Siberian elm, 8966

how to arrange and space trees and shrubs, 4487

how to maintain new tree plantings, 4489

how to manage established plantings, 4491

how to prepare land and plant trees, 4488

how to protect them from damage, 4490

how to select tree and shrub species, 4486

how to use trees to protect land and crops, 4485

Great Plains—Continued

commercial wheat farms, 1965 cost and returns, 14530

conservation program, progress report, 1597

loess-mantled, erosion and deposition, 17717

northern—

effects of stocking rates on range vegetation and beef cattle production, 3772

growing fruit for home use, 3751

region, growth patterns in employment by county, 12693

southwestern, wind, 3736

thunderstorms, measurements by aircraft of condensed water, 15421

West-Central, safflower culture, 30

wheat yields, variability, 14538

Great River Road :

5-cent commemorative postage stamp (poster), 16781

signs and markers manual, 1448

Great Salt Lake :

relicted lands, convey lands lying below meander line in Utah—

hearings, 13045

law, 11550, 15724

reports, 5769, 8546, 10162, 12934, 16068

Great Sand Dunes National Monument, general information, 13881

Great Smoky Mountains National Park, general information, 6509

Great Society :

American, new War of Independence (remarks), 12549

financial management of Federal credit programs (remarks), 16882

Great Society and Christian social concern (remarks), 10839

key, social development, 11320

Greater wax moths, see Bee moths.

Greaves, James R., sea surface temperature determination using satellite infrared data, 9440

Greece :

agricultural commodities, agreements, 8070, 15363

air transport services, agreement, 12532

atomic energy cooperation for civil uses, agreement, 8081

Bulgaria boundary, study, 2579

citrus industry, 8950

Educational Foundation and financing of exchange programs, agreement, report, 1914

establishing business, 8433

labor conditions, 13633

lights and fog signals, list, change, 13894

loan of 1929, settlement acceptance, report, 1914

mineral industry, minerals yearbook chapter, 6299

pocket guide, 8224

trade in cotton textiles, agreement, 15356

Green, Gloria P., relative importance of CPI items, 1096

Green, Morris, improving parent care of handicapped children, 1741

Green Bay, Wis., principal electric facilities, map, 7375

Green coffee inventories and roastings, 3028

Greenberg, Jacob, thermopotential measurements of alkali halides, 4927

Greenberg, Leon :

address, Oct. 26, 1965, 6272

automation, nationwide studies in United States, 1087

Greene County, Tenn., geology and mineral deposits of Mosheim and Johnson anticlines, 4512

Greenhouses, windowsill, plastic, construction, etc., 15476

- Greenland:
albedo and sky radiance measurements, 11395
DEWline ice cap stations, 1963, performance study, 14211
general information, 1632
ice cap, performance testing of air cushion vehicle, 9890
ice sheet, snow temperatures, 6830
lights and fog signals, list, changes, 5055, 9581, 15237
mineral industry, minerals yearbook chapter, 2325
northwest, seismic survey, 15509
snow, elastic constants, strength and density as determined from sonic wave velocity measurements, 9891
Thule AB, dissipation of warm fog by helicopter-induced air exchange, experiments, 118
tide tables, 10005
Greenleaf, John E., involuntary hypohydration in man and animals, review, 10979
Green's function, approach to thin spherical shell segments, 16611
Greenstone, habitat at Eagle, Alaska, phytoecology, 13396
Greenup Locks and Dam, Ohio River, Ky., culvert pressures, hydraulic prototype tests, 16249
Greenville, S.C., area wage survey, metropolitan area, 13605
Greer, P. E., electrostatic measurement experiment, Scout vehicle (S.E.V.), 10946
Greeting cards, census of manufacturers, 1963, industry statistics, 6900
Gregg, Randolph M., occupations in care and rehabilitation of mentally retarded, 14569
Gregor, Harry P., membrane phenomena, 10678
Gregory, Robert A., growth and yield of well-stocked aspen and birch stands in Alaska, 4471
Greig, R. A., salt concentration in fresh and smoked chub, 7435
Grew, Edward, high snowfields of St. Elias Mountains, Canada, 9892
Greyhound Lines, Inc., accident, 12068
see also Eastern Greyhound Lines.
- Grids:
lead-antimony alloys intergranular corrosion, investigation, 16763
primacord, explosive force, forms large sheet metal parts, 4851
strippable grid facilitates removal of grid-surfaced conical workpiece from die, 13769
wire bundles formed into grids with minute interstices, 2391
Grier, Norman T., transport properties of ionizing atomic hydrogen, 9506
Grierson, Robert, dispersion hardening, 4817
Griest, Jeanne, summary of manufacturing earnings series, 9204
Grievance procedures, grievances, supervisor development program, 6828
Griffel, Jack, forced convection boiling burn-out for water in uniformly heated tubular test sections, 8288
Griffin, George E., near-drowning, pathophysiology, etc., 14996
Griffin, Jack G.:
field studies of use of insulation in broiler houses in central Mississippi, 10
radiant energy distribution of 3 gas-fired infrared chick brooders, 9777
Griffin, Nelda, financial structure of regional farmer cooperatives, 8871
Griffin, William S., design of fluid jet amplifier with reduced receiver-interaction-region coupling, 16701
Griffith, Eugene, plant inventories, plant material introduced, 8137, 11339-340, 14115
Griffith, Franklin E., secondary backfilling of strip-mine areas, 7717
Griffith, J. R., filament-winding plastics, effects of curing agent structure upon epoxide plastic physical properties, 2499
Grinders, *see* Meat-chopping machines.
Grinding and polishing:
continuous attrition grinding of coarse kaolin, 1165
multisurface fixture permits easy grinding of tool bit angles, 9478
submicron metal powders produced by ball milling with grinding aids, 11015
Grisaffe, Salvatore J., analysis of shear bond strength of plasma-sprayed alumina coatings on stainless steel, 1275
Grizzell, William G., hydrocooling stacked crates of celery and sweet corn, 12582
Groceries, manufacturing, organization and competition studies, 15216
Grocery stores, *see* Stores.
Groff, Richard W., Minnesota's aspen and its projected supply, 14703
Grogan, Paul J.:
addresses—
June 22, 1966, 11530
June 23, 1966, 10022
Grosenbaugh, L. R., THREE-PEE sampling theory and program THRP for computer generation of selection criteria, 4473
Grosh, Wesley A., mineral industry of Wisconsin, 1151
Gross, Bernard, stress-intensity factors by boundary collocation, 2410, 4982
Gross, H. R., contested election, hearing, 515
Gross national product:
calendar year 1964, current market prices, 6074
explanation, and how it mirrors our economy, 15643
growth rates and trend data by region and country, 13439
USSR, aggregate national product, new directions in Soviet economy, 12844
Gross receipts tax, State taxation of interstate commerce, report, print additional copies, report, 10187, 14461
Grosso, J., optical techniques for electron probe analysis, 2497
Groton, Conn., reduced defense spending, potential impact, 14207
Ground, *see* Earth.
Ground effect:
flight-measured, on low-aspect-ratio ogee wing, compared with wind-tunnel results, 11058
full-span flaps used for yaw control in hovering, test on semispan tilt-wing VTOL model, 11064
on single- and multiple-jet VTOL models at transition speeds over stationary and moving ground planes, 4955
related to landing of airplanes with low-aspect-ratio wings, 16663
Ground instructors:
Federal aviation regulations, 4360
instrument, FAA examination guide, 2048
Ground water, *see* Water.
Groundwood, *see* Wood pulp.
Group behavior:
communications as measurable index of team behavior, 1350
learning nonsense syllables, comparison with individual performance, 14994
Group insurance, *see* Life insurance.
Group Services, Workshop on, *see* Workshop on Group Services.
Les groupes a l'aide de l'individu, 6 rapports d'informations générales présentes au Séminaire des Services par Groupes, 14583
Grouting:
foundation, planning, engineering and design, manual, 17633
mixtures, employed at nuclear test in salt, laboratory design, analysis, and field control, Project Dribble, Salmon event, 3853

- Grove, Richard, National Foundation on Arts and Humanities act, 4537
- Growing eggplant, 8147
- Growing flowering perennials, 14138
- Growing summer cover crops, 35
- Growing up poor, child-rearing and family life patterns associated with poverty, 11319
- Growth:
- birch seedlings, effect of artificial light sources, 790
 - cattle, influence of environment, 5268
 - characteristics, body development, USSR study, 6183
 - children, research programs, studies in progress, 12734
 - diameter growth and phenology of trees on sites with high water tables, 2073
 - human growth hormone, 2457
 - performance of young tree stands, evaluation, 16324
 - response of hardwoods planted in saturated soils, 16335
 - southern browse plants, seasonal twig elongation, 5988
- Growth patterns in employment by county, 5436-37, 8322, 12693-696, 14247
- Gruber, Bernard A., dry tape battery concept, 2365
- Gruenewald, Kalman J., semispan tilt-wing VTOL model to determine ground effect on full-span flaps used for yaw control in hovering, 11064
- GSA, *see* General Services Administration.
- Guadalupe Mountains National Park: establish—
- hearings, 17584
 - reports, 10183, 17501
- Guadeloupe, weather station, agreement with France, 16867
- Guam:
- census of business, manufactures, and mineral industries, 1963, 1707
 - economic development, long-range plan, 11663
 - geology and hydrology of Guam, Mariana Islands (series), 4519
 - governor, annual report, 7508
 - governor, popular election, provide, amend organic act—
 - hearings, 11661
 - reports, 10143, 17518 - hydrology, 4519
 - include in State technical services act of 1965, report, 17268
 - legislature, election of members from election districts, provide by law amend organic act—
 - law, 15731
 - reports, 10139, 13178 - nautical chart catalog, 6989
 - selected services area statistics, 1963
 - census of business, 15566
 - social security tax guide for employers, 2116
- Guam Magnetic Observatory, magnetograms and hourly values, 5525
- Guaranteed loans for your college education, 17622
- Guaranties and sureties:
- companies acceptable as sureties on Federal bonds, lists, 12546
 - European agricultural guidance and guarantee fund, 11864
 - investment guaranties, specific risk, issued since beginning of program, AID report, 2814
 - investments, agreement with—
 - British Honduras, 11279
 - Ceylon, 15347
 - Honduras, 15360
 - Singapore, 15352
 - Thailand, 8076 - specific risk investment guaranty handbook, 2133
- Guards (persons):
- force staffing at contractor-operated installations under supervision of Oak Ridge Operations Office, AEC, savings attainable through reductions, GAO report, 9001
- Guards (safety appliances):
- key-locked, prevents accidental switch actuation, 11027
- Guatemala:
- binational centers, observations, report, 15968
 - economy, basic data, 11517
 - gazetteer, official standard names, 814
 - mineral industry, minerals yearbook chapter, 7688
- Guernsey cattle, *see* Cattle.
- Guerrilla warfare:
- know your enemy, Viet Cong, DOD pamphlet, 8222
 - operations against guerrilla units, Fleet Marine Force Manual, change, 6279
- Guidance:
- character, Army field manual, 12652
 - character, discussion topics, etc., Army pamphlet, 5349
 - Hungary, Department of Technical Sciences of Academy, activities, 9031
 - national defense education act program, questions and answers, 653
 - new look in guidance, students as individuals (address), 7323
 - services in elementary schools, national survey, 13272
 - State Department of Education personnel, directory, 7301
 - see also* Counselors—Personnel services in education—Vocational guidance.
- Guidance systems:
- atmosphere reentry scheme for return from manned Mars mission, 9335
 - explicit guidance equations for multistage boost trajectories, 4936
 - information requirements, 10937
 - interplanetary midcourse guidance using radar tracking and on-board observation data, 16686
 - lunar mission—
 - descent, scheme based on linear perturbation theory, 2430
 - landings, iterative guidance mode, application, 1246
 - manual abort guidance from midcourse region, 11051 - midcourse guidance for return to specific landing site, 6461
 - simplified technique to establish orbit, 15154
 - minimum effort control, theory, 6330
 - orbital testing requirements, 4812-13
 - space mission guidance, linear theory of impulsive velocity corrections, 7878
 - supercircular entry guidance concept designed for maximum monitoring capability, 17926
 - using optimal filtering and linear prediction, effect of reduced computer precision, 7890
- Guide books:
- Commerce Department, agency of business, promotes economic growth, 10047
 - election law, 1966, 10276
 - print as Senate document, report, 10294
 - occupational information, local, listings, 1286
 - outdoor recreation and facilities, list, 7978
 - welcome to U.S.A., 11305
 - French edition, 15402
 - Spanish edition, 15401
- Guide to analysis of pesticide residues, 7993
- Guide to duties and responsibilities of accredited veterinarians, 12585
- Guide to record retention requirements, 7416
- Guide to specifications and standards of Federal Government, 4508
- Guide to zero defects, 4261

Guidebooks, *see* Guide books.
 Guided missiles, *see* Missiles.
 Guidó, Pedro I., relief, 10108
 Guillou, R. B.:
 Albuquerque-Los Alamos area (ARMS-II), 8279
 Cincinnati area (ARMS-II), 8280
 Guilmette formation, *see* Devonian period.
 Guinand, Jerome B., oil and gas lease, reinstate, report, 17491
 Guinard, N. W., ray tracing in rising and falling ducts, 1360
 Guinea:
 agricultural commodities, agreements, 2591, 11271
 background notes, 11237
 mineral industry, minerals yearbook chapter, 6300
 Portuguese—
 background notes, 6626
 mineral industry, minerals yearbook chapter, 6294
 Guinea, Gulf of, shrimp potential, 4410
 Guinea pigs, immunization against plague, smallpox, etc., USSR studies, 10834
 Guist, LeRoy R., prediction of inversion load of circular tube, 16685
 Gula, Martin, quest for equality, 14282
 Gulf, *see* name of gulf, or place where located.
 Gulf Coast:
 coastal warning facilities chart, Morgan City, La., to Apalachicola, Fla., 7340
 Indians, general information, 14764
 light list, Little River, S.C. to Rio Grande, Tex., and Antilles, 6991
 nautical chart catalog, 6988
 shrimp data, 3029
 transportation lines, 7330
 Gulf Island National Wildlife Refuges, general information, 8943
 Gulf of Mexico, *see* Mexico, Gulf of.
 Gulf States:
 eastern Gulf of Mexico basins, surface water records to Dec. 31, 1963, index, 2095
 fisheries, annual summary, 744
 Gulf stream, rhythmic phenomena, USSR study, 9180
 Gulick, James W., statement, Oct. 4, 1966, 16549
 Gulls, *see* Herring gulls.
 Gum chemicals, *see* Chemicals.
 Gum naval stores, *see* Naval stores.
 Gunner's mates, school class "A" course, trainee's guide, Navy, 12416
 Gunnery:
 field artillery cannon, Army field manual, 6884
 naval gunfire support, Fleet Marine Force manual, 9350
 small arms ranges, Air Force manual, 16944
 Gunpowder Falls, uses of water resources, today and tomorrow, 6041
 Guns, 5"/38 gun, self-study course, 5064
 see also Firearms—Gunshot wounds.
 Gunshot wounds, treatment, USSR study, 4661
 Guralnick, Lillian, cohort infant mortality rates, 6584
 Gustafson, K. L., development and evaluation of braze alloys for vacuum furnace brazing, 12272
 Gustavson, Samuel A., mineral industry of Delaware, 17841
 Guy, H. P., summary of alluvial channel data from flame experiments, 1956-61, 13407
 Guz, A. N., stressed state near curvilinear reinforced orifices in shells, 9548
 Gwinner, Myron W., forest-fire danger as related to airmass in Ouachita Mountains, 4456
 Gynecologists, exfoliative cytology manual, 2313

Gypsum:
 and products, mineral industry survey, quarterly, 3030
 mineral yearbook chapter, 15008
 Gypsy moths:
 badillus thuringiensis control agent, field and laboratory investigations, 17699
 egg-mass density and subsequent defoliation, 8959
 see also Moths.
 Gyroplanes:
 commercial pilot flight test guide, 14683
 private and commercial pilot, written examination guide, 11982
 Gyroscopes:
 control moment gyro optimization study, 7726
 maintenance and supply, fire control technician training—
 instructor's guide, 6532
 trainee's guide, 6533
 optical gyro pickoff operates at cryogenic temperatures, 7784
 synchronous gyroscopic vibration absorber, analytical research, 4806

H

H.E.W., *see* Health, Education, and Welfare Department.
 H. J. Andrews Experimental Forest:
 Christmas storm damage, 2064
 logging and slash burning, effect on understory vegetation, 8961
 H. K. Ferguson Company, *see* Ferguson, H. K., Company.
 H. M. H. Motor Service and Tank Lines, Inc., accident, 873
 H. S. series, 755-758
 Haar, Charles M., nomination, hearing, 5801
 Haas, Larry A., torsion effusion apparatus for vapor pressure measurement, 1156
 Habeas corpus:
 jurisdiction and venue, amend U.S. Code—
 law, 15760
 reports, 15886, 17478
 State custody, revise procedures, reports, 15884, 17555
 Haber, Paul, chronic health care, comparison of British, Canadian, Australian, and American methodology, 11684
 Habib, Edmund J., telemetry processing for NASA scientific satellites, 13806
 Hack, John T., Cumberland Escarpment and Highland Rim, 6034
 Hackensack River:
 engineer report—
 departmental edition, 17634
 document edition, 17169
 Hackett, O. M., ground-water research in United States, 13405
 Hackney, Loneta, relief, 5574, 5736
 Hackstra, P., migration of liquid inclusions in single ice crystals, 6833
 Haddon, William, jr., remarks, Sept. 22, 1966, 15660
 Haenszel, William, epidemiological approaches to study of cancer and other chronic diseases, 7931
 Hafnium:
 electrorefining, electrolytes for, 15022
 enriched feed solutions from zircon, producing, 12256
 evaporation of Ta-Hf-C system, computational methods for calculation of rates, 9429
 minerals yearbook chapter, 15034
 Hafnium carbide, solid solutions, TaC-HfC system, time influence on vacuum vaporization rate and surface compositional stability at temperatures about 2000° C, 12365
 Hagan, William A., factors involved in host-agent relationships, symposium, 9780
 Hagberg, Hilding, former Communist Party chairman publishes book, 14903

- Hagermann, Madeline G., education directory, 1965-66, pt. 1, State governments, 11872
- Hagerty, William W., nomination, hearings, 4215
- Hague Conference on Private International Law, statute, establishing, 1494
- Hahn, Otto, Enrico Fermi award, 1966 (remarks), 15545
- Hahn, William F., major collective bargaining agreements, deferred wage increase and escalator clauses, 7664
- Haida Indians:
totem pole, colored poster with—
French text, 15407
German text, 15405
Spanish text, 15406, 15408
- Haidar, Walter:
foreign trade regulations of—
Argentina, 10027
Mexico, 15650
- Hall forming processes, USSR study, 14949
- Haimbachia, *see* Moths.
- Haines Road, winter maintenance, agreement with Canada, 5173
- Hair, Dwight, demand and price situation for forest products, 1965, 57
- Haji-Morad, Ali, *see* Morad, Ali Haji.
- Hale, Philip W.:
prepackaging pole beans in trays and polyethylene bags, 8129
shipping containers for eastern-grown peaches, 6756
- Hale, William N.:
mineral industry of—
Montana, 1134
Washington, 1150
- Haleakala National Park, general information, 2472
- Haley, Peter W., mobility environmental study one-pass program, 5347
- Halfway houses, sociocultural and clinical study of Rutland Corner House, transitional aftercare residence for female psychiatric patients, 1529
- Halides, electrolytes, electrowinning tungsten, 7711
see also Alkali halides.
- Hall, David G., need for ARS-USDA popular series publications by State extension services, 9795
- Hall, Howard L., Peru, market and competitor for U.S. farm products, 13265
- Hall, J. Richard, polybenzimidazoles, review, 14522
- Hall, Ralph C., sagebrush defoliator outbreak in northern California, 2069
- Hall, Lolanda, proceedings against, report, 17339
- Hall coefficient of tantalum carbide as function of carbon content, 2421
- Haller, Henry C., low-temperature direct-condensing vapor-chamber fin and conducting fin radiators, 1268
- Haller, John A., preparation of data for trip desire contour chart, 5127
- Halloway, Paul F., heat transfer within regions of separated flow, 1255
- Halls, Lowell K.:
rooting cuttings of browse plants, 4458
seasonal twig growth of southern browse plants, 5988
- Halls, Tenn., railroad accident, 6098
- Halogens:
compounds, radiation synthesis, final report, 15529
flammability characteristics of halogenated hydrocarbons, 9371
- Halophiles, photosynthetic, from Owens Lake, 4818
- Halstead, Bruce W., poisonous and venomous marine animals of world, 8818
- Halstead, D. Kent, college and university endowment, status and management, 7300
- Hames Valley, geology, 13398
- Hamilton, H. R., socio-economic aspects of water resources, bibliography, 13427
- Hamilton, James E.:
effect of luminance on moon illusion, 1626
F-101/F-106 flight simulator flashblindness experiment, 5331
- Hamilton, Thomas E., production, prices, employment, and trade in Pacific Northwest forest industries, 3420
- Hamilton, Vernon L., soil survey of Wichita County, Kans., 8032
- Hamilton, Ohio, commodity transportation, production area series, 9956
- Hamke, John R., oilfields in Williston basin, Mont., N. Dak., and S. Dak., 13672
- Hammel, H. T., assessing cold tolerance, thermal and metabolic responses to exposure at night, 77
- Hammer, Charles H., timeliness and accuracy in sequential decision making task, 8274
- Hammers:
electromagnetic, 2374
use in removal of weld distortions, 1218
- Hammond, Ind., commodity transportation survey, production area series, 6919
- Hammons, Donald B., hog slaughtering and dressing systems, 15448
- Hamner, Roger L., linear aerodynamic loads on cone-cylinders at Mach numbers from 0.7 to 2.0, 7735
- Hampton, Va., area wage survey, metropolitan area, 14974
- Hand drills, *see* Drills (tools).
- Hand tools:
census of manufactures, 1963, industry report, 5447
Federal item identification guides for supply cataloging, supplements, 2933
form right angles in component leads, 13781
permit shrink sizing of assembled tubing, 11031
safety dial, 1086
Spain, foreign market survey, 178
stores stock catalog, 4398
price changes, 2032
supplements, 7425, 11956, 14646
ultrasonic, allows convenient scanning of spot welds, 12328
- Handbooks, Federal, index, supplements, 3052
see also names of departments, etc., issuing handbooks—*also* subjects.
- Handcar Project, *see* Project Handcar (plow-share program).
- Handford, John F., basic data on economy of Southern Rhodesia, 342
- Handicapped:
books, recordings and other materials for use of blind and other handicapped persons—
hearing, 11660
law, 17092
reports, 10217, 13134
children—
and youth, education, conference report, 10421
education—
grant program for preparation of professional personnel, 4303, 7310
preparation of professional personnel, manual, 16239
financial assistance for physical education.—
hearing, 17386
report, 16161
improving parent care, 1741
military medical benefits act of 1966—
hearings, 13195
reports, 7105, 8612, 16091
something for special child, 7320
visually, educational programs, 8839
coordinator's scoreboard, review of placement, 8393
education and training, adequacy, hearings, 17372

Handicapped—Continued
employment—

- address, 8423
Advisory Council of President's Committee on Employment of the Handicapped, special report to the President, 7659
building and maintaining community support, 9197
expansion grants to increase rehabilitation, 11308
handicapped workers, community assets, 1967 report theme contest, 11th and 12th grade students, announcement, 7650
help for handicapped, MDTA training programs, 7641
jobs for, program guide, pursuit of happiness, 14966
more defense business for sheltered workshops, highlights of panel discussion, 2288
performance, story of the handicapped, 3319
seven services, how Employment Service helps the handicapped, 16248
tourists, guide to national parks and monuments, 17805
training and visits, program for supervisors, guide in employment of the handicapped, 10851
Handicraft, bibliography, 12501
Handler, Jane, neighborhood legal services, new dimensions in law, 16904
Handling equipment:
aircraft, ground, Federal item identification guide for supply cataloging, supplements, 2940
body-fitted harness provides safe and easy component handling, 9493
census of manufactures, 1963, industry report, 5448
Federal item identification guides for supply cataloging, supplements, 2932, 2940
mail, savings available through more extensive use, by Post Office Dept., GAO report, 809
petroleum, Army technical manual, 11408, 16966
Hands, hand hazards, safety dial, 1086
Handwerk, Paul S., sport fishery abstracts, 3531
Handwriting, criminological distinction of similar handwritings by computers, USSR study, 14864
Haney, George E., school transfer record system for farm migrant, children, 655
Hanford Works, contractor employees, preferential allowances paid, Richland, Wash., GAO report, 10623
Hanft, Ruth S., national health expenditures by object of expenditure and source of funds, 9658
Hanke, Byron R., land-use intensity standards, LUI scale and zoning, 14631
Hankel functions, *see* Bessel functions.
Hanks, Brantley R., use of penetrometers to determine capability of dust materials to support bearing loads, 4946
Hanks, Leland F., adventitious bud clusters do not degrade black cherry logs, 5978
Hanley, H. J. M., viscosity and thermal conductivity coefficients of dilute argon between 100 and 2000° K, 13865
Hanlon, Paul J., wholesale food distribution facilities for Springfield, Mass., 48
Hanna, Norman E., evaluating incendency of explosives to coal dust, 16573
Hannaford, Mary M.:
characteristics of patients of medical specialists, etc., 9632
proportion of surgical bill paid by insurance, etc., 15306
Hannibal Locks and Dam, Ohio River, Ohio and W. Va., spillway, hydraulic model investigation, 13297

- Hansen, Henry A., waterfowl status report, 7443
Hansen, John P.:
reaction interface speed as reducibility index for iron ore, 15028
reduction of ferrous oxide (wustite) at high temperatures, 4794
Hansen, Morella, background information on Committee on Foreign Relations, Senate, 5506
Hansen's lunar theory, *see* Moon.
Hanson, K. L., thermal integration of electrical power and life support systems for manned space stations, 1181
Hanson, Royce, metropolitan councils of governments, information report, 16915
Harade, Y., graphite-metal carbide composites, 12267
Harbor workers, *see* Longshoremen.
Harbors:
facilities, Navy design manual, changes, 1569
flood control and multi-purpose projects, public works, authorizations, 1965—
law, 400
report, print additional copies, reports, 10197, 17470
flood control and multi-purpose projects, public works authorizations, 1966—
hearings, 17597
reports, 17276, 17533
waterborne commerce, 1964, 676
see also names of harbors, or places where located.
Hard wheat, *see* Wheat.
Hard woods, *see* Hardwoods.
Hardee County, Fla., economic geology, 12011
Hardening of arteries, *see* Arteriosclerosis.
Harding, Bertrand M., nomination, hearing, 14500
Harding, C. F., gravity gradient torque effect on motion of spin axis of asymmetric vehicle, 9407
Harding, W. B., 1000 Kw 2-25 Mc/s distributed amplifier designed for use with 10 Kw ionospheric sounders, 7922
Harding County, S. Dak.:
origin of elements associated with uranium in Cave Hills area, 17719
uranium investigations in Cave Hill area (series), 17719
Hardness:
bearing component differential, effect on life and failure distribution, 1267
dispersion hardening, basic studies, 4817
Hardware:
builders, Army technical manual, 1649, 9903
census of manufactures, 1963, industry report, 5447
Federal item identification guides for supply cataloging, supplements, 2938
Hardware stores, *see* Stores.
Hardwoods:
aerial spraying of low-grade stands, with 2,4,5-T in West Virginia, 10569
cants, cutting can boost sawmill profits, 17684
circular sawmills in Kentucky and Ohio, cause and cost of production delay, 5977
log grades for standard lumber, 17698
log grading at circular sawmills, 5975
low-grade logs, for paneling and flooring, 10566
lumber, cargo, tariff requirement, restore, law, 405
northern—
decay and discoloration following logging wounds, 11994
stand differentiation ability, 799
stands, 4 methods of marking 2d growth, 14700
timber management, on-the-ground demonstration, 11992

- Hardwoods—Continued
pallets, performance, effect of initial moisture content, 14714
sawlogs, cost of scaling and grading, 10602
southern, veneer logs and bolts, major defects, 10608
stands, removing undesirable trees, 10558
survival and 1st-year growth in saturated soils, 16335
tropical—
solar drying, 16338
suspension of duty—
law, 8468
report, 4171
U.S. imports grow as world supplies expand, 2078
understory, retard growth of shortleaf pine in Missouri, 794
Hardy, Edward P., jr., Health and Safety Laboratory fallout program, quarterly summary reports, 5391, 8283, 12679
Hardy, Kenneth A., SAM high level cobalt-60 irradiation facility, 1623
Harlan, Iowa, motor carrier accident, 6091
Harlee, F. N., bibliography on ion-molecule reactions, 13864
Harlee, John :
addresses, etc.—
Dec. 2, 1965, 700
Jan. 12, 1966, 4378
Mar. 3, 1966, 5939
Apr. 6, 1966, 7371
May 3, 1966, 8902
May 20, 1966, 10905
May 24, 1966, 10476
Sept. 14, 1966, 14633
Oct. 4, 1966, 17654
Harman, Cameron G., non-glassy inorganic fibers and composites, 15086
Harmon, Hubert R., memorial lectures in military history (series), 14166
Harmond, Jesse E. :
automatic pickup for bags, tags, and cartons in packaging and labeling agricultural products, 6710
precision vacuum-type planter head, 3728
Harmonic functions :
generation of optical harmonics, 6143
sensitivity of short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271
Vint's accurate reference orbit with inclusion of 3d zonal harmonic computational procedure, 15170
Harner, Rodney F., soil survey report, Finney County, Kans., 2571
Harness, Vernon L. :
cotton in—
India, 2055
Syria, 13353
Turkey, 16319
Harnesses, body-fitted, for component handling, 9493
Harp, Emmett R., simplified pollen trap for use on colonies of honey bees, 9773
Harper, William B., carbon black, 13676
Harpers Ferry National Historical Park, general information, 9572
Harrar, E. S., major defects in southern hardwood veneer logs and bolts, 10608
Harrer, Clarence M., iron resources of South Dakota, 6286
Harrigill, William T., jr., high-power-level temperature controller for space flight applications, 7842
Harris, A. S. :
aerial seeding sitka spruce and western hemlock on cutover area in southeast Alaska, 4444
test of pruning sitka spruce in Alaska, 13357
Harris, Dale W., design procedure for weight optimization of straight finned radiators, 15143
Harris, David W., NASA/MOTS optical, observations of ANNA 1B satellite, 4923
Harris, Henry M., devitrification of lithium, disilicate glass, 2354
Harris, J. Donald :
hearing-loss trend curves and damage-risk criterion in diesel-engine room personnel, 13659
monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
pure-tone acuity and intelligibility of everyday speech, 13667
Harris, Roy V., jr. :
drag characteristics of low-drag bodies of revolution, 4920
wave drag at lifting conditions, 16666
Harris Neck National Wildlife Refuge :
birds, list, 16308
general information, 14669
Harrisburg, Pa., commodity transportation survey, production area series, 9952
Harrison, E. K. :
cosmology without general relativity, 6423
equation of state of matter at supernuclear density, 1247
Harrison Experimental Forest Arboretum, pine species, 5996
Harrodsburg limestone in Kentucky, 9015
Harshbarger, J. W., Arizona water, 9021
Hart, Elizabeth F., I & N reporter, 3049
Hartford, Conn. :
commodity transportation survey, production area series, 8340
dental health programs, 6586
Hartley, Jack L., astrostomatology, dental standards for selection and examination of space crewmen, 12641
Hartman, Bryce O. :
factors affecting aircrew morale, 15490
performance upon sudden awakening, 97-98
Hartman, Lawton M., weather modification and control, 10280
Hartwell, John W., mineral industry of Maine, 17843
Harvesting :
Crossett farm forestry forties, 1965 harvest, 10589
logging in southeast Kentucky, costs and returns on mechanized operation, 5976
Harvey, Gale A. :
photographic observations of low-density iron artificial meteoroid, 11055
photometric analysis of spectrograms of 2 Trailblazer I payload reentry events, 9520
Harvey, John M., air transport of California strawberries, factors affecting market quality, 12609
Harvey, Thomas W. :
addresses, etc.—
Mar. 29, 1966, 7271
June 2, 1966, 10398
Harwell, Robert A., relief, 12879
Haskell Institute :
concurrent jurisdiction, retrocede to Kansas—
law, 11551
reports, 7097, 10312
Hassan, H. A., coaxial Hall current accelerators at moderate pressures, 16648
Haswell, Harold A., undergraduate curriculum patterns, survey of baccalaureate programs, 4320
Hatakeyama, Lawrence F., data loading routine for IBM 7094 and 7094-704X systems, 7811
Hatch, Winslow R. :
approach to independent study, 4313
new dimensions in higher education approach to teaching, 13277
Hatcheries, *see* Chickens—Fish and fisheries—Poultry—Turkeys.

Hatches:
 concealed hinge permits flush mounting, 13771
 cover plate, inflatable O-ring seal would ease closing, 15115
 Hatton, T. T. jr., ripening and storage of Florida mangos, 47
 Haun, J. R., fiber and papermaking characteristics of bamboo, 14164
 Hauser, Victor L., hydrology, etc., of runoff water in playas on southern High Plains, 15435
 Haury, G. T.:
 phase shift of human circadian system and performance deficit during periods of transition—
 East-West flight, 8308
 North-South flight, 9936
 West-East flight, 11446
 Havana Solidarity Conference, international opinion, 4603
 Havas, Nick, profile of retail florist industry, 51
 Hayasu Lake National Wildlife Refuge, birds, list, 14662
 Havens, John S., recharge studies on High Plains in northern Lea County, N. Mex., 10650
 Haverhill, Mass.:
 area wage survey, metropolitan area, 14975
 commodity transportation survey, production area series, 8339
 Haviland, Virginia, children's books, 1965, list, 7651
 Havill, C. Dewey, supercircular entry guidance concept designed for maximum monitoring capability, 17926
 Having the power, we have the duty, 12565, 18143
 Hawaii:
 air carrier routes, map, 3952
 chemistry of lavas of 1959-60 eruption of Kilauea Volcano, 7488
 climatological data, 2751
 coast pilot supplement, 5534
 copepod crustaceans parasitic on elasmobranch fishes of Hawaiian Islands, 9567
 county business patterns, 1964, 1716, 5462
 divorced persons, characteristics, 1960-61, 1444
 East Kauai Soil and Water Conservation District, native-built terraces where rice and taro grow (colored poster), 9670
 electric rate book, 707
 elementary and secondary education amendments of 1966, hearing, 14416
 fisheries, annual summaries, 745, 13341
 forest plantings, record, 2079
 Kilauea Volcano, 1959-60 eruption (series), 4523-24, 7488, 12026
 leased lands, authorize Farmers Home administration loans—
 law, 15756
 reports, 11768, 14398
 life tables, 18019
 lights and fog signals list, changes, 1337, 6522, 9582, 13895
 manufacturing plants, location by county, industry and employment size, 1963 census, 16997
 map of U.S. showing principal islands of Hawaii, inset, announcement and order form, 17999
 mineral industry, minerals yearbook chapter, 1124
 molucca albizzia—
 and nepal alder, machining properties, 10563
 physical and mechanical properties, 8970
 nautical chart catalog, 6989
 nursing home care for veterans, eliminate certain requirements, reports, 10134, 11744
 petrography of lavas of 1959-60 eruption of Kilauea Volcano, 4524

Hawaii—Continued
 population-migration reports, revised estimates notice, 7295
 principal electric facilities, map, 7381
 rain forest, naturalization of Java podocarpus, 2070
 reemployment leave travel benefits granted employees of Defense Dept. and other agencies, GAO report, 8998
 storm warning facilities chart, 12560
 telephone poles, service life, 10583
 tide tables, 6987
 trade with Orient (remarks), 4030
 volcano observatory, summary, 3035
 wood posts, durability test, 2d progress report, 10579
 Hawaiian Islands, *see* Hawaii.
 Hawaiian Volcano Observatory, summary, 3035
 Hawkins, William C., aerospace maintenance safety, 2644
 Hawley, C. A., jr., controlled environmental radiiodine test at National Reactor Testing Station, 1965, progress report, 8284
 Hawley, C. C., geology and uranium deposits of Temple Mountain district, Emery County, Utah, 9007
 Hay:
 and silage, cattle feeding rack, 11362
 Appalachian hillside pasture, basic information, 12606, 15447
 Pangola, cesium-137 binding characteristics, 2522
 Hayden, L. O.:
 optical calibration analysis of U.S. naval space surveillance system, 16761
 transistorized digital clock with serial binary-coded readout, 16765
 Hayes, Jack, protecting our food, yearbook of agriculture, 16940
 Haynes, George W., controllability of nonlinear systems, 9428
 Hayward, Calif., fault zone, tectonic creep, 4517
 Haywood, F. F., operations plan, Operation Henre, 143
 Hazard, John W., timber resource statistics for southwest Washington, 5999
 Hazard insurance, cancel on properties acquired by VA upon default of housing loans, GAO report, 13383
 Hazardous occupations, *see* Occupations.
 Hazardous substances:
 chemical data guide for bulk shipment by water, 10007
 eye irritation, grading, illustrated guide, 2051
 labeling act—
 amend—
 hearings, 15979
 reports, 15942, 16121
 general information, 7449
 text, 10549
 packaging and handling for military aircraft transportation, Air Force manual, 8175
 self-contained clothing system provides protection against hazardous environment, 9492
 transportation of dangerous articles, etc., Federal aviation regulations, 691, 14608
 Hazel, Joe T.:
 evaluation of airman jobs by 4 categories of raters, 16950
 officer grade requirements project, job descriptions, sample selection, and criterion board, 6806
 Hazen, Scott W., jr., mineral deposit exploration, 12245
 Hazen, Ark., motor carrier accident, 9057
 Head:
 cancer, 5105
 injury, potential, from airline seats during crash decelerations, 14243
 selected facial measurements of children for oxygen-mask design, 15555

INDEX 1966

Head Start Project, *see* Project Head Start.
 Headgear, census of manufacturing, 1963, industry statistics, 8330
 Headstones, *see* Tombstones.
 Headwear, *see* Headgear.
 Healer, J., summary report on review of biological mechanisms for application to instrument design, 7737
 Health:
 achievements and further recommendations, message from the President, 5616
 activities of HEW, background material, 13050
 allied health professions personnel training act of 1966—
 hearings, 10249, 17591
 reports, 10225, 15841, 17535
 and hygiene, PACAF basic bibliographies, 6804
 and sanitation, Naval Medical Research Unit, agreement with Ethiopia, 8075
 benefits program for retired members, and dependents of members of uniformed services—
 hearings, 13195
 reports, 7105, 8612, 16091
 careers guidebook, 1987
 chronic health care, comparison of British, Canadian, Australian, and American methodology, 11684
 community facilities, facts for Hill-Burton applicants, 13955
 community health research—
 opportunities in services and medical care, 5118
 research training grants and fellowship programs, 1433
 community planning grants for heart disease, cancer, and stroke, 14757
 community services—
 Chronic Diseases Division research grants program, 2539
 out-of-hospital services for children and youth, project grants, 18068
 comprehensive health planning and public health services amendments—
 hearings, 7230, 17386
 reports, 16161, 17308
 comprehensive services for children and youth, project grants, policies and procedures, 3944
 consumer information, price list, 2519
 data from hospital discharge survey, 18081
 department, oblast, organization of work, USSR study, 908
 documents and committee reports, 12486—
 487, 14000, 18079
 education for health, report, 6575
 education vs medical quackery, 2053
 emergency activities, appropriations 1967, hearings, 8651
 emergency preparedness, publications catalog, 11186
 employee health services, trends, 1437
 environmental health series—
 air pollution, 6577, 13961
 Arctic health, 5104
 food protection, 2526, 13952, 15276
 references and abstracts, 12466
 water supply and pollution control, 9624
 evolution and human health, molecular diseases, USSR study, 2200
 examination survey, children ages 6-11, psychological measures, 8004
 facilities, training needs, 7328
 fakes and swindles in health field, catalog, 7448
 Federal surplus personal property acquisition, 9027
 foreign aid program for 1967, new initiatives, 9053
 get your A, eat type A school lunch every day, poster, 10374
 guide, Peace Corps volunteers manual, 9607

Health—Continued
 health economics series, 13966
 health information leaflets and pamphlets, list, 11191, 15286
 health information series, 1420-21, 2529, 6580, 7994-95, 9625, 11185, 12471, 13967-968, 15279-281, 16796-799, 18006
 health interview survey—
 current estimates, July 1964-June 1965, 2543
 disability days, July 1963-June 1964, statistics, 1438
 health mobilization series, 1422, 5107, 7996, 11186, 13970, 18007
 healthier working conditions in far north, 17769
 index, conceptual problems in developing, 9631
 Indian Health Division pediatrics residency program, 2524
 Indians—
 highlights, 15284
 program, Operation SAM, system analysis module for development, 15292
 Public Health Service program, 11190
 indicators, 3037
 industrial, engineers and chemists syllabus for short courses, laboratory manual, 16802
 industrial workers, publications, price list, 7986
 infants, guarding, USSR studies, 9074
 international health act of 1966—
 hearings, 5698
 report, 7084
 international programs, message from the President, 5607
 Kazakhstan, progress, 14915
 kidney disease guide for public health personnel workers, 5110
 legislative achievements, 4538
 livestock and poultry movement, ARS requirements, etc., 3733
 longshoring, regulations, 16526
 manpower source book, nursing personnel, 13969
 maternal and child, needs and services, effects of recent demographic trends, 11484
 medical care and transportation of injured, action program for highway safety, 5130
 mobilization, training literature, list, 7996
 national expenditures, 2566, 9658
 national trends, 13421
 needs of Nation, panel summaries from White House Conference on Health, 5231
 new programs, sound of approaching help, 11195
 nursing in occupational health, 1426
 occupational—
 bibliography, 6570-71
 Federal units, administrative guide, 12459
 national survey findings, 13975
 working women, 2530
 personal health expenses, 6588
 persons erroneously vaccinated with brucellosis vaccine, USSR study, 10832
 portraits in community health (series), 1438
 professional training and cooperation amendments of 1966—
 hearings, 15979
 report, 17269
 professions—
 education (address), 1418
 education, publications, bibliography, 5108
 educational assistance, extend and expand, law, summary, 4534
 scholarship program, 6581, 11107
 projects supported by AID, 4579
 protecting and improving through radiological sciences, 13988

Health—Continued
public—

code of Federal regulations, 10507
dental programs, State, digest, 12463
dentists and dental hygienists salaries,
local departments, 12484
expenditures, USSR, 17763
in African countries, development
trends, USSR study, 7555
laws, compilation, 13049
problems in RSFSR, 7596
public health bibliography series, 1431,
11196, 12481, 13985-986, 18069-70
public health centers, Hill-Burton State
plan data, 11189
public health engineering abstracts,
3426
public health monograph series, 5116
public health reports, 3427
service in rural regions of Soviet Union
and Bloc countries, 7557
Soviet public health (periodical), trans-
lations, 9188, 12111, 12162, 12172
State salary ranges, 836, 10657
traineeship program awards, individual,
5102
traineeships for professional personnel,
5119
USSR and bloc countries, 4618
Public Health Service grants, etc., 1965
funds—
construction of research facilities, 6491
formula and project grants, 6492
research, 5033
summary tables and graphic highlights,
9560
training grants, traineeships, fellow-
ships, etc., 6490
Public Health Service grants to—
Illinois, administration, GAO report,
13350
Indiana, financial administration, GAO
review, 16347
publications, price list, 11179
radiation safety and health standards for
Federal supply contracts under Walsh-
Healy public contracts, act, regulations,
11313
radiological data, monthly report, 3451
radiological health—
manual for experimental gas-cooled re-
actor, 5339
mobile training laboratory, 15300
recent translations, selected list, 3455
reference facts, 6047
report of Committee on Health, National
Citizens Commission, 1546
research facilities, guidelines for architec-
tural-engineering documents for grants,
15267
restore man, national goal, 18075
school program, outline for school and
community, 15302
service personnel, education, clarify re-
sponsibility of VA—
hearing, 8787
reports, 5651, 17540
services—
for mentally retarded, training for, 279
in the South, desegregation, survey,
5516
research relating to children, studies in
progress, 12734
school, focus resources, 18004
socialize, Turkey, 4607
training workers—
critical challenge, conference proceed-
ings, 14759A
job development, 14759
smoking and health, educational materials,
12469
standards and general safety for Federal
supply contracts under Walsh-Healy
public contracts act, regulations, 12558
State data and rankings, 16365

Health—Continued
statistics—

analytical studies, 5121
data evaluation and methods research,
5120, 8004, 9631, 11198, 13999, 15305
data from national health survey, 1438-
40, 2543-44, 5122, 6587-89, 8005,
9632-33, 11199, 12488-489, 14001,
15306-310, 18080
data from National Vital Statistics Sys-
tem, 1441-44, 9634, 11200, 16811-812,
18082-83
methodological problems, USSR study,
12152
report of 15th anniversary conference
of United States National Committee
on Vital and Health Statistics, 12487
surplus property utilization—
hearings, 15972
report, 17346
Tadzhikistan public health, 14905
travel information—
Africa, including Malagasy Republic and
neighboring islands, 12470
Asia, etc., Australia and New Zealand,
6579, 16795
Europe, 11183
Mexico, Central and South America, and
Caribbean, 11184
voluntary health agency expenditures for
research and research training, 5035
voluntary health and welfare agencies,
fund-raising within Federal service,
manual, 1756, 3178, 6968, 11499, 17043
white-nonwhite differentials in health,
education, and welfare, 837
see also Medical care—Mental health.
Health and Safety Laboratory, AEC fallout
program, quarterly summary reports, 146,
5391, 8283, 12679
Health and Safety Research and Testing
Center, research and technologic work,
17837
Health and Vital Statistics, United States
National Committee on, *see* United States
National Committee on Vital and Health
Statistics.
Health boards and departments:
accidental injury control programs at local
levels, guide to development, 1419
State and territorial health authorities,
1966, directory, 16793
Health, Education, and Welfare Department:
absences of trainees enrolled in institu-
tional programs, GAO report, 8993
activities concerning alcoholism, 7492
air pollution control standards, imple-
menting executive order, 11181
air pollution prevention act, control activi-
ties, law, description, 2107
appropriation, 1966, supplemental, pro-
posal, 5608
appropriations, 1967—
amendments, 13067A, 17171
hearings, 7113, 8650, 14472
reports, 8626, 16151, 17350
Assistant Secretary, nomination of Paul A.
Miller, hearing, 17593
consumer services, transfer to Consumers
Department, hearings, 15970
donable surplus property program, hear-
ings, 4221
field directory, 13420
financial assistance programs for mental
retardation, 7495
foreign assistance appropriations, 1966,
report, 545
grants-in-aid and other financial assist-
ance programs administered, 14758
impact of 1965 legislation, 4532
handbook on programs, major program
and legislative achievements, 4533
health activities, background material,
13050
manpower training facilities, selection,
etc., in Chicago, Ill., GAO report, 12006

INDEX 1966

- Health, Education, and Welfare Department—Continued
- mental retardation activities, 7496
 - mental retardation grants awarded—1965, lists, 2108
 - 1966, lists, 17732
 - new AoA, Administration on Aging, general information, 2
 - organization, investigation—hearings, 15978
 - report, 17303
 - press releases, 3374
 - programs and services, general information, compendium, 16366
 - reference facts on health, education, and welfare, 6047
 - reorganization, hearings, 4224, 8778, 10349, 14484, 17582
 - report, 12035
 - Secretary's Advisory Committee on Management of National Institutes of Health Research Contracts and Grants, report, 10656
 - staff development progress report, 1965 fiscal year, 14585
 - Surplus Property Utilization Division, regional representatives directory, 12036
- Health, education, and welfare indicators, 3037
- Health insurance:
- aged persons, *see*, below, medicare.
 - Blue Cross and Blue Shield plans—enrollment, 1964, 1469
 - finances, 5145
 - hospital and surgical-medical benefits available to Public Health Dept., District of Columbia government, GAO report, 4498
 - credit, for student loans, increase maximum amount allowable in D.C.—law, 17108
 - report, 15852
 - extent of coverage in U.S., 6612
 - farmers and farm workers under, 15332
 - Federal employees—
 - Federal personnel manual, supp., 2949
 - health benefits act, amend to permit additional plans, reports, 5669, 8542
 - health benefits act amendments, 7160
 - health benefits act, preserve benefits for congressional employees receiving staff fellowships—law, 7043
 - reports, 1844, 5789
 - health benefits, retired Federal employees health benefits, 1965 report, 6965
 - retired, benefits act, amend with respect to Govt. contribution for administration, report, 17194
 - group, adapting to medicare, 10853
 - health insurance for the aged, HIM (series), 8023–24, 9652, 12507–509, 15326
 - independent plans, 15331
 - interview response compared with insurance records, 15305
 - medicare—
 - brief explanation, 2561, 9656
 - conditions for coverage of services of independent laboratories, 9652
 - conditions for participating hospitals, 5142, 15326
 - conditions of participation for—extended care facilities, 8024
 - home health agencies, 8023
 - employee-benefit health plans adjustments, 11230
 - enrollment for supplementary medical insurance, July 1, 1966, 16829
 - extend deadline for enrollment—law, 8460
 - message from the President, 8500
 - reports, 8605, 8728
 - handbooks, 11229, 12512, 16832
 - home health agency manual, 12509
 - hospital manual for billing, 12508
- Health insurance—Continued
- medicare—continued
 - medical benefits, 16830
 - podiatrists' services, payment under supplementary program, report, 17335
 - provider costs, reimbursement, 12507
 - questions and answers, 8026
 - reference guide for physicians, 11228
 - social security amendments of 1965—health insurance provisions, annotated text, 5792
 - law, print additional copies, report, 13005
 - new benefits awarded, 2567
 - Senate amendments, brief description, 1937
 - summary, 7209
 - social security beneficiaries who live outside United States, message for, 2562
 - social security rulings, 6613
 - your medicare handbook—
 - health insurance, 12512
 - hospital insurance, 11229
 - medical insurance, 16832
 - proportion of surgical bill paid by insurance, 15306
 - provisions, 1935–65 legislative history, 2564
- Health resorts, all-Union congress of physiotherapists and health-resort scientists in Baku, 16459
- Health scientist administrators, examination announcements, 8402, 9995
- Health Statistics, National Center for, *see* National Center for Health Statistics.
- Health, White House Conference on, *see* White House Conference on Health.
- Heare, Gertrude, establishing business in Brazil, 7009
- Hearn-Miller Transporters, Inc., accident, 6099
- Hearing:
- adults, levels by age and sex, U.S., 2544
 - and speech disorders, summary of progress, 1314
 - auxiliary stimuli, effect of intensity changes on auditory and visual signal detection, 5317
 - monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
 - monaural versus binaural discrimination for filtered CNC materials, impaired auditory mechanism, 15491
 - normal auditory mechanism, monaural vs. binaural discrimination, 5330
 - screening in selected classes for mentally retarded, Detroit, Mich., 14283
 - see also* Deaf.
- Hearing aids:
- ear, Tariff Commission report, 15385
 - monaural and binaural speech intelligibility and stereophonic effect based on temporal cues, 14993
- Hearing examiners, examination announcement, amendment, 3968
- Hearn, George H.:
- remarks—
 - Dec. 7, 1965, 702
 - Mar. 23, 1966, 7369
 - Apr. 20, 1966, 8901
 - May 19, 1966, 10477
- Hearn, Jackson B., basic data on economy of Afghanistan, 11518
- Heart:
- black bears', rate in relation to age, 6798
 - cardiac activity, phase analysis, USSR study, 14953
 - cardiac output, computer circuit calculates, 4843
 - cardiac studies based on cosmonaut experience, USSR, 9137
 - electric current stimulates heart action, USSR, 916
 - heart research news (periodical), 3038

Heart—Continued

- human and animal, restoration of contractility and prospects for transplantation, 4996, 7899
- minute heart volume, USSR study, 6125
- muscle, oxygen pressure change during ascent and acceleration, USSR study, 1027
- surgery, new methods, USSR studies, 919
- vibrocardiographic system study, 10969
- see also* Ballistocardiography.
- Heart diseases:
 - and the psyche, review of research grants, 12472
 - cardiac patients, physical-conditioning program, 16983
 - community health planning grants, 14757
 - endocarditis, bibliography, 6576
 - habits and coronary heart disease, Framingham heart study, 18005
 - how doctors diagnose, 1421
 - hypertension and hypertensive heart disease in adults, 9633
 - in children, training program in cardiology, workshop proceedings, 6582
 - myocardial infarction, cardiovascular response to exercise, problems in aeromedical certification, 16982
 - rheumatic heart disease, review of research grants, 18076
- Heart River, drainage basin, surface water, sedimentation and chemical quality, 14755
- Heart rot, balsam fir, 14695
- Heart sounds, *see* Phonocardiographs.
- Heat:
 - ablative heat-shield materials, high-velocity impact craters in determination of temperature and material effects, 16659
 - activates storage-stable foamable polyurethane, 10985
 - flow, underground, East Tintic district, Utah, 4521
 - freezing and melting of sea ice, 16956
 - heat calculation of equipment for desalting water by freezing, USSR study, 4649
 - heated die facilitates tungsten forming, 6373
 - high fluxes, air-cured ceramic coating insulates against, 1232
 - high-temperature—
 - contents and entropies of 2 praseodymium oxides and 3 terbium oxides, 12248
 - contents and entropies of 2 zinc sulfides, 4 solid solutions of zinc and iron sulfides, 2353
 - nuclear heating, simulated, liquid hydrogen in propellant tank, 6467
 - ocean thermal structure forecasting, ASWEPS manual, 12411
 - radial heat equation and Laplace transforms, 2361
 - sets of similarity ratios for thermal modeling, 11072
 - shield ablation measurements using radioisotope techniques, 7852
 - shield, char-front recession, determination with nucleonic technique, 9511
 - see also* Heat transfer.
- Heat exchange, *see* Heat transfer.
- Heat exchangers:
 - gas-to-liquid, for Brayton cycles in space, 9430, 10939
 - horizontal multitube, with steam condensing inside tubes, 17928
 - hypothermia induced, use to study central nervous system changes, 3780
 - vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772
- Heat flux, *see* Heat transfer.
- Heat of activation, relation to heat of adsorption for reduction of wustite and magnetite, 4789

Heat of adsorption:

- in relation to heat of activation for reduction of wustite and magnetite, 4789
- phenomena, and mechanism of reduction of iron oxides with carbon monoxide, 16577
- Heat of formation:
 - and glass-crystal transformation of nepheline, 10922
 - anhydrous carbonates of barium, strontium and lead, 13698
 - beryllium sulfate and its hydrates, 6316
 - neodymium trichloride, 1167
 - scandium trichloride, 1168
- Heat of fusion, iron, use of diphenyl ether calorimeter for measuring, 6315
- Heat of hydration, portland cement, interrelations between cement and concrete properties, 13855
- Heat of reaction, used in static water removal from fuel cells, 4850
- Heat pumps, heating and cooling homes, 12598
- Heat sink:
 - circuitry, supported with rugged microelectronic module package, 11037
 - contact with beryllia washer improved by mounting, 7798
 - copper foil provides uniform heat sink path, 4841
- Heat transfer:
 - aerodynamic, use of fusible temperature indicators for obtaining data, 4986
 - and friction factor correlation for irradiated organic coolants, 9920
 - and pressure distributions on 60° and 70° swept delta wings having turbulent boundary layers, 16697
 - Apollo afterbody, with and without ablation, 16683
 - Apollo command module, effect of protuberances, etc., on distribution, 16647
 - apparatus measures thermal conductivity of honeycomb-core panels, 7783
 - buoyancy effects on critical heat flux of forced convective boiling in vertical flow, 16707
 - carbon steel surfaces corrosion, 4557
 - central fin-tube radiators, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
 - coefficient and friction factor data for dilute gas-solid suspensions, analysis and correlation, 15192
 - computer program solves flow problems, 16627
 - conduction at stagnation point of argon gas, effects of magnetic field, 6436
 - convective and radiative, during super-orbital entry, 16600
 - creeping flow solution of Leidenfrost phenomenon, 2419
 - critical heat flux for saturated pool boiling from horizontal and vertical wires in reduced gravity, 4905
 - cryogenic hydrogen flowing in tubes at subcritical and supercritical pressures to 800 pounds per square inch absolute, experimental results, 7815
 - energy requirement for placing instrument package under ice, 8236
 - forced convection—
 - boiling burnout for water in uniformly heated tubular test sections, 8288
 - effect of melting, 6831
 - freon provides heat transfer for solid CO₂ calibration standard, 12299
 - gas containing cloud of particles, 1185
 - heat-shield materials, evaluation at various heat-transfer rates, 17914
 - interfacial, in pressurized tank containing liquid hydrogen, 6425
 - interference heating on swept cylinder in region of intersection with wedge, 2411

Heat transfer—Continued

- laminar, in arc-heated nitrogen streams, effect of discontinuities in surface catalytic activity, 15198
- liquid-metal flow in round tube or flat duct with heat sources in fluid stream, 12353
- local coefficients, condensation of steam in vertical downflow within $\frac{1}{8}$ inch tube, 6466
- local turbulent, for water in entrance regions of tubes with various unheated starting lengths, 1264
- mantle convection, effect of low viscosity layer, 11396
- measurements, in conical nozzle with controlled inlet velocity profile, 7822, 17911
- modified Stefan problem, analysis, 9888
- passive thermal behavior of orbiting space station, analog study, 17920
- plane thermoelastic deformation of internally heated annular disks or hollow cylinders, 4985
- Plum Brook reactor, analysis, 15165
- radiant energy transport in FeO , 1352
- radiator panels utilizing shared fins, heat-rejection characteristics, 15189
- rates, low, measured by thin-film gage, 9484
- separated flow regions, at Mach no. 6.0, 1255
- sharp and blunt flat plates on Mach 6.8, 7847
- tests—
 - delta wings with laminar and turbulent boundary layers, 15047
 - flat plate with flap and delta wing, etc., 15048
 - surface roughness elements with laminar and turbulent boundary layers, 15049
- thermal conductivity coefficients of dilute argon between 100 and 2000° K, 13865
- thermal conductivity of—
 - hydrogen, 2000° to 4700° F, 7728
 - polar gases and their equimolar mixtures, 7850
 - soils, measurement methods, 3817
 - tungsten, 7727
- thermal property variations, effect on performance of charring ablator, analytical determination, 12359
- thermionic diode heat transferred by bypass rod, 13739
- turbulent flow in smooth tubes for reacting N_2O_4 - NO_2 system, 4964
- two-dimensional, in radiating stainless-steel-clad copper fins, 4903
- vapor compression distillation using secondary heat transfer media for sea water conversion, 6063
- vapor condensation, heat exchange, 4989
- vapor reheat liquid-liquid heat exchange process, analysis data correlation and optimization, 14772
- zero- and reduced-gravity simulation on magnetic-colloid pool-boiling system, 6452
- see also* Thermal radiation.
- Heaters:
 - arc air heater, operating characteristics of direct current as opposed to alternating current, 7874
 - auxiliary coil controls temperature of RF induction heater, 6393
 - optimum brine, outlet temperature in sea water conversion evaporators, 12053
 - see also* Unit heaters.
- Heath, R. C., changing pattern of ground-water development on Long Island, N.Y., 9016
- Heating:
 - blayer sheet in welding with laser beam, USSR study, 16463
 - Central Laboratory for Ventilation and Heating Industry, regulations, Eastern Europe, 7545

Heating—Continued

- electron bombardment, effects on tensile properties of tungsten, 1371
- homes, heat pumps, 12598
- wall and bottom, liquid hydrogen in propellant tank, 6439
- see also* Aerodynamic heating.
- Heating apparatus and supplies:
 - current industrial reports, 2817, 15585
 - equipment, Federal item identification guides for supply cataloging, supplements, 2935
 - except electric, and plumbing fixtures, census of manufactures, 1963, industry report, 6907
 - residential central heating equipment market in United Kingdom, 10025
- Heating elements, *see* Electric heating elements.
- Heber, Rick F., bibliography of world literature on mental retardation, supp., 6493
- Hebrew language, Foreign Service Institute, basic course, 8061
- Heck, L. W., Delaware place names, 13404
- Heckler, C. H., jr.:
 - all-magnetic PCM telemetry system—feasibility breadboard, 17879
 - review of breadboard, 9409
- Hedden, O. K., equipment for applying soil pesticides, 5284
- Hedgehogs, Turkey, description and distribution, 1325
- Hedges, Janice N., future jobs for high school girls, 11328
- Heebink, B. G., paneling and flooring from low-grade hardwood logs, 10566
- Heede, Burchard H., design, construction and cost of rock check dams, 13372
- Heflin, Woodford A., aerospace glossary, 9843
- Heggested, Wayne A., family care treatment of mentally ill, 12551
- Heidbreder, Elizabeth, retailing, 11220
- Heidmann, Marcus F.:
 - analysis of n-heptane vaporization in unstable combustor with traveling transverse oscillations, 9537
 - tangential velocity effects on spinning transverse combustion instability, 9531
- Heifers, *see* Cows.
- Heimann, Rene H., relief, 10114
- Heimer, Walter I., practice effects, knowledge of results and transfer in pitch discrimination, 11155
- Heimlich, Richard W., chemicals, quarterly industry report, 2746
- Heindl, L. A., Mesozoic(?) rocks in Baboquivari Mountains, Papago Indian Reservation, Ariz., 2090
- Heine, Irvin M., assistance to maritime industries in Western Hemisphere nations, 10898
- Heinen, Harold J., influence of repetitive electrolysis on winning molybdenum, 16579
- Heinrich, Kurt F. J., cooperative action on determination of X-ray mass attenuation coefficients, 5017
- Heinzelmann, Fred, factors influencing prophylaxis behavior with respect to rheumatic fever, 2527
- Heirloom seafood recipes to treasure, 16299
- Helfand, Sol. D., retail sales, 14279
- Helfman, Robert S., MAP fixed-point, packing-unpacking routine for IBM 7094 computer, 17690
- Helicopters:
 - basic handbook, 4430
 - certification and operations of scheduled air carriers with helicopters, Federal aviation regulations, changes, 2008, 14611-612
 - CH-47A Chinook helicopter, tests in soft clay soils, 4337
 - detachable ground handling wheel assemblies procurement, Army Dept., GAO, review, 17713
 - fertilizing of foothill range, 17694

- Helicopters—Continued
 flight test guide, private and commercial pilot, 2010
 flight test program to investigate methods of improving compound helicopter maneuver capability, 8231
 hingeless rotor, handling qualities, 11053
 induced air exchange over Thule AB, Greenland, dissipation of warm fog, experiments, 118
 large, flight study showing trends of lateral and longitudinal control response with size, 16672
 shaft-driven heavy lift—
 main power system, 1672
 power transmission studies, 137
 tandem-rotor, transmission study, 138
 single-engine turbine, engine failure protective warning systems, requirements, 3838
 small business, role in air transportation industry, hearings, 14442
 stations, planning and construction, USSR study, 10809
 UH-1 compound, high performance, maneuver flight test program, 8273
 UH-1D, aircrew armored seat crash, survival analyses, 139
- Helio technology, *see* Sun.
- Helio technology (USSR periodical), translation, 10725
- Heliports:
 District of Columbia, establish, hearings, 15988
 drainage and erosion control, Army technical manual, 1654
 planning and construction of helicopter stations, USSR study, 10809
- Helium:
 effects of metastable atoms on volume ion production in tenuous plasma, 1280, 12334
 energy and angular distributions of electrons ejected by protons, 16695
 film coefficients of heat transfer at 2,000° to 2,500°F in turbulent flow, 17865
 method of analysis of impurities in parts-per-billion range, 12246
 minerals yearbook chapter, 15009
 permeation of glass in vacuum systems, treatment reduces, 15102
 replacement of nitrogen in air, analysis of effect on development of chick embryos, 978
 verbal communication intelligibility in breathing mixtures of oxygen-helium at low atmospheric pressures, 8205
- Hellman, S. K., use of radiation techniques for inhibition of bacterial growth in liquid media, 5393
- Helme, William H.:
 evaluation of differential classification tests for ACB, 1673
 validation of experimental electronics information tests for enlisted classification, 5377
 validation of experimental tool and trade knowledge tests, 3840
- Helmer, Frank V., nomination, hearings, 4215
- Helmers, A. E., some effects of log jams and flooding in salmon spawning stream, 13358
- Helmets, assembly, one-piece transparent shell improves design, 15120
- Helmholtz equation, *see* Equations.
- Helms, Richard, nomination, hearing, 11790
- Helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965:
 French edition, 14583
 Spanish edition, 14584
- Hely, Allen G., hydrologic regimen of Salton Sea, Calif., 1636
- Hematocrit, fish, electronic method of measuring, evaluation, 14674
- Hematology, *see* Blood.
- Hemenway, D. F., UIIF AEW radar observations of elevated tradewind ducts, 7974
- Hemicholinium, inhibitor of acetylcholine synthesis, pharmacological characteristics, USSR study, 956
- HemisFair 1968:
 U.S. participation, amend act—
 hearing, 15967
 reports, 12957, 16166
- Hemisphere, Eastern, foreign air carriers, routes to U.S. authorized under permit, map, 3957
- Hemisphere, Northern:
 atmosphere, density variations, USSR study, 6241
 cold regions, defining, 16958
 daily synoptic weather maps, 2827
 energy transformation in atmosphere of Northern and Southern Hemispheres and interaction of processes in both hemispheres, 2442
- Hemisphere, Southern, energy transformation in atmosphere of Northern and Southern Hemispheres and interaction of processes in both hemispheres, 2442
- Hemisphere, Western:
 agricultural economies of dependent territories, 4285
 agricultural situation, 1965 review, 1966 outlook, 8835
 foreign air carriers, routes to U.S. authorized under permit, map, 3958
 Latin American development and Western Hemisphere trade—
 hearings, 455
 subcommittee report, 7051
 nations, assistance to maritime industries, 10898
 western Hemisphere supply and demand study (series), 11865
- Hemlock:
 western—
 aerial seeding on cutover area in south-east Alaska, 4444
 phenology, and oviposition of black-headed budworm, preference, 13360
 young-growth, volume tables and equations in southeast Alaska, 8960
- Hemlock sawfly, *see* Flies.
- Hemmig, P. B., conference on neutron cross section technology, proceedings, 15528
- Hemodialyzers, *see* Artificial kidney.
- Hemophilia, general information, 16798
- Hemopoiesis, *see* Blood.
- Hempstead, N.Y., population, special census of town, 5494
- Henderson, Douglas, theory of liquids, 17740
- Henderson, Madeline M., cooperation, convertibility, and compatibility among information systems, literature review, 11091
- Henderson, William P., factors affecting drag due to lift at subsonic speeds, 16664
- Hendricks, T. A., resources of oil, gas, and natural-gas liquids in U.S. and world, 2101
- Hendrickson, George, strength studies on Antarctic sea ice, 119
- Hendrickson, Nora A., relief, 15802
- Hendrix, William E., changes in agriculture in 26 developing nations, 630
- Henegar, Dale L., minimum lethal levels of toxaphene as piscicide in North Dakota lakes, 11977
- Henkes, William C.:
 mineral industry of—
 Algeria, 4760
 Angola, Mozambique and Portuguese Guinea, 6294
 Ghana, 4764
 Libya, 2330
 Nigeria, 2338
 Republic of Congo (Léopoldville), 4776
 Senegal, 2342
 Tunisia, 2345
 United Arab Republic (Egypt), 4781

- Henning, John F., address, Jan. 12, 1966, 4697
- Henre operation, *see* Operation Henre (high energy neutron reactions experiment).
- Henricks, Robert C., heat transfer results for cryogenic hydrogen flowing in tubes at subcritical and supercritical pressures, 7815
- Henry, Robert M., wind loads on vertically launched vehicles at various geographic locations and launch altitudes, 6444
- Hens, *see* Poultry.
- Henson, Fred L., advertising expenditures by corporations marketing food and kindred products, 624
- Hentoff, Nat., inheritance comes to P.S. 83, 10425
- Heolohichnyy zhurnal (periodical): selections, 7603
- Hepatitis: chronic and epidemic, USSR studies, 9126 description, etc., 15281
- Heptane, n-heptane vaporization in unstable combustor with traveling transverse oscillations, analysis, 9537
- Heptanoic acid: suspension of duty, continue—law, 10083 reports, 8554, 10297
- Her Growth, deceased Lower Brule Indian allottee, relief of heirs and devisees, 5630, 8451
- Herald of Academy of Sciences, (USSR periodical): articles, 2273, 9117
- Herald of communications (USSR periodical), 3039
- Herbicides: aerial spraying of low-grade hardwood stands with 2,4,5-T, in West Virginia, 10569 controlling lawn weeds, 38 firebreak maintenance with soil sterilants, 14707 for control of saltcedar (*Tamarix* Spp.), results of field applications, 5265 granular, application to ornamental plant materials in nurseries, 14103 shrub seeding regeneration after controlled burning and herbicidal treatment, 2072 *see also* Diuron.
- Hercules, F., orbital testing requirements for guidance and control devices, 4812-13
- Herellea, isolation, from experimental space-flight diet, 11382
- Hermann, F. J., western range forbs, 8142
- Hermes, Walter G., truce tent and fighting front, 13668
- Hernandez, Alfredo, relief, 11715, 15679, 15794
- Hernandez, Guillermo N., jr., relief, 16016
- Hernandez, Hector J. Sanchez, *see* Sanchez-Hernandez, Hector J.
- Herr, Lester A., hydraulic charts for selection of highway culverts, 5132
- Herrick, Owen W.: geographic destination and market outlets for lumber produced by Kentucky sawmills, 5979 harvesting costs and returns on mechanized logging operation in southeast Kentucky, 5976
- Herring, Harvey W., boron filaments, 4947
- Herring fishery in southeastern Alaska, 749
- Herring gulls: bird vs. aircraft, 7439 ecology of pisciculture, southern coast of Aral Sea, USSR study, 4632
- Hershkovitz, Philip, catalog of living whales, 7938
- Hertz, Hans G., use of short arcs in orbit determination, 7819
- Hervey, John G., Federal textbook on citizenship, our Constitution and Government, 6052
- Herzig, H., uniform vacuum ultraviolet reflecting coatings on large surfaces, 7873
- Herzog, Arthur, learn, baby, learn, 16236
- Hess, Wilmot N., particles and fields research, bibliography with author index, 12291
- Heterogeneous reactors, *see* Reactors (atomic).
- Hetrick, David L., neutron dynamics and control, 12672
- Heuristics: and cybernetics, USSR study, 6122 man and machine, USSR study, 13458
- Heusinkveld, M., subsurface effects measurements, Project Pre-Schooner, 14237
- HEW, *see* Health, Education, and Welfare Department.
- Hewes, Donald E., man's walking and running gaits in earth and simulated lunar gravity, 12339
- Heyamoto, Hiromu, sablefish found off mouth of Columbia River, 4409
- Heyda, J. F., peak pressures in thick targets generated by reduced density projectiles, 16615
- Heyl, A. V., regional structure of southeast Missouri and Illinois-Kentucky mineral districts, 6029
- Hi, Cha Mi, *see* Cha Mi Hi.
- Hi Sook Lee, *see* Lee Hi Sook.
- Hibbard, Walter R., jr.: nomination, hearing, 5815 remarks—Jan. 18, 1966, 4754 Feb. 17, 1966, 6293 Mar. 1, 1966, 6311 May 9, 1966, 9366
- Hibernation, cell proliferation kinetics in epithelia of dormice, 9859
- Hickman, Kenneth, mechanism of Boule flotation on water and other liquids, 16375
- Hicks, J. R., dissipation of warm fog by helicopter-induced air exchange over Thule AB, Greenland, 118
- Hides and skins, *see* Leather, hides, and skins.
- Hienstra, Stephen J., talk, Nov. 17, 1965, 4291
- Hiester, Nevin K., feasibility of standard evaluation procedures for ablating materials, 6331
- Higbie, Kenneth B., review of metallurgical technology, 10932, 13699
- Higgins, C. L., exhaust jet wake and thrust characteristics of nozzles designed for VTOL downwash suppression, 4828
- Higgins, R. V., computer techniques for calculating shape factors and channel volumes from potentiometric model for use in waterflood performance calculations, 12239
- High-energy ion beams used to accelerate hydrogen propellant along magnetic tube of flux, 16702
- High flux beam reactor, *see* Reactors (atomic).
- High-intensity flashing beacon powered by mercury cells, 1236
- High Plains, *see* Southwest (U.S.).
- High school students, *see* Students.
- High schools: arts and humanities instruction, financial assistance, 8843 book selection aids, 8836 cost of secondary school guidance services, 4297 dropouts—important questions and answers about jobs, 9893 summer camp used in year-round training program, 16236 education act of 1965, first work of these times, description and analysis, 643 educationally deprived children—basic facts for school administrators, programs under 1965 act, 1975 better schooling, programs under 1965 act, 640

- High schools—Continued
enrollment, teachers, schoolhousing, and expenditures, fall 1965, statistics, 7307
entitlement by impacted area school districts under P.L. 874 and P.L. 89-10, 11826
football contests, protect from professional contests, reports, 16156, 17341
Gallaudet College, model secondary school for deaf to serve National Capital region, establishment, etc.—
hearings, 15966, 16194
reports, 17273, 17526
girls, future jobs, 11328
graduates, technical aids in science and engineering, examination announcement, 11501
grant formulas under 1965 school act, hearings, 4128
high school isn't enough (address), 8844
impact aid to strengthen and improve programs of assistance, hearings, 14417
PACE projects to advance creativity in education, supplementary centers and services—
programs under 1965 act, 639
project applicants manual, under 1965 act, 649
school construction grants, hearings, 5690
school library resources, textbooks and other instructional materials, programs under 1965 act, 641
secondary schools, operation by Federal agencies, investigation and study, report, 17298
Soviet, social science, syllabus of new course, 14564
speed and power of reading, 11881
strengthening State departments of education, programs under 1965 act, 642
see also Junior high schools—Secondary education—Students.
High seas, *see* Ocean.
High-temperature materials, *see* Refractory materials.
Higher education, *see* Colleges and universities.
Higher Education Board of District of Columbia, *see* District of Columbia.
Highland Rim, interpretation, 6034
Highlights of report of Surgeon General's Workshop on Prevention of Disability from Arthritis, 13957
Highway machinery, *see* Road machinery.
Highway safety, *see* Safety of life.
Highways, *see* Roads and highways.
Hile, Ralph, U.S. Federal research on fisheries and limnology in Great Lakes through 1964, 11978
Hilf, Jack W., rapid method of construction control for embankments of cohesive soil, 8009
Hill, Arthur, relief, 12805, 13099
Hill, Bea M., tips, remedial education for NYC enrollees, 12201
Hill, James E., review of mining technology, 13700
Hill, John W., city halls and emergency operating centers, 3965
Hill, Stephen D., Knudsen effusion apparatus for vapor pressure measurements, 17858
Hill-Burton program:
aid for community hospitals, etc., facts for applicants, 13955
hospital and medical facilities series under Hill-Burton program, 1424, 5108, 6583, 7997, 11188-189, 12473, 13972-973, 15282-283, 16801
progress report, 2331
publications, bibliography, 5108
State plan data for hospitals and related medical facilities, national summary, 11189
2 decades of partnership for better patient care, 13973
2 decades of progress, 12473
Hill-Burton project register, 3041
Hilliard, Jack B., annotated reading list of Marine Corps history, 10893
Hilo, Hawaii, water spray protects logs, 10574
Hilsenrath, Joseph, OMNITAB, computer program for statistical and numerical analysis, 7911
HIM series, 8023-24, 9652, 12507-509, 15326
HimeI, Chester M., new method for spray deposit assessment, 5965
Hines, Neal O., atoms, nature, and man, 11441
Hinges:
concealed hinge permits flush mounting of doors and hatches, 13771
device as hinge and electrical connector for circuit boards, 13794
Hinkle, Melvin E., mineral industry of Massachusetts, 17844
Hinsen, Herbert G., floods on small streams in North Carolina, probable magnitude and frequency, 10637
Hiranaka, Setsuko, *see* Wilson, Setsuko.
Hirshhorn, Joseph H., Museum and Sculpture Garden, *see* Joseph H. Hirshhorn Museum and Sculpture Garden.
Hispanic Foundation, bibliographical series, 10892
Histograms, statistical data compression technique, 16680
Histology:
effects of profound hypothermia on spinal cord of dog, 80
Hungary, progress in past 20 years, translation, 12127
Historians, employment outlook, 13594
Historic American buildings survey, 13882
Historic sites:
landmarks, areas administered by National Park Service, 13876
preservation program—
hearings, 10329, 11814
reports, 13148, 13188, 15892
preserving historic America, 12037
publications, price list, 17994
Historical chart book, 16279
Historical review of trunkline suspensions and deletions at points served by local service carriers, 9980
Historical statistics H.S. series, 755-758
History:
American—
national defense education act, NDEA institutes for advance study, 5884A
publications, price list, 12952
general and Old World, Library of Congress classification, 7682
Pakistan, USSR study, 12154
philosophy, newly published, USSR critique, 9146
teachers, advanced study, national defense institutes, manual, 5877
technical analysis, use of electronic computer, USSR study, 7592
Ukraine, role in current history, 7610
why history, what is its use? 13282
see also Military history—Naval history—
also names of departments, etc.—*also* subjects.
History and Geography, Pan American Institute of, *see* Pan American Institute of Geography and History.
History and Technology Museum:
contributions from, 5040, 9566, 12396
guide map, 16825
Hitting the hot spots, 15474
Hitz, Charles R., bottom trawling surveys of northeastern Gulf of Alaska, 4406
Hiwassee River:
economic and resource development, summary—
lower valley, 2608
upper valley, 2613
Ho, Erich, mineral industry of Sierre Leone, 1142

INDEX 1966

- Hoag, Ralph L., National Technical Institute for the Deaf, 7497
- Hobbs, S. Warren, geology of Coeur d'Alene district, Shoshone County, Idaho, 819
- Hoc tap (periodical):
translations, 932, 2176, 4616, 6230, 9097, 9156, 10748, 12090, 12101, 12148, 12194, 14884
- Hock, Raymond J.:
composition of black bear milk, 6799
heart rate of black bears in relation to age, 6798
- Hocking County, Ohio, oil reservoir analysis and predicted recovery by waterflooding, Clinton sand, Logan oilfield, 1157
- Hodge, Calif., accident, 2142
- Hodges, Carl N., solar distillation utilizing multiple-effect humidification, 14770
- Hodges, Earl F., supplement for 1965 to live-stock-feed relationships, 1909-1964, 65
- Hodgkin's disease, symptoms and treatment, 13967
- Hoekstra, P., frost-heaving pressures, 3816
- Hoertel, Frederick W., effect of certain process variables on vapor deposited tungsten, 6321
- Hofer, Lawrence J. E.:
nature of carbides of iron, 13673
rates of adsorption of methane on seam coals, 9373
- Hoffman, Anthony C., instrument system for determining temperature effects on maximum induction of magnetic materials, 15175
- Hoffman, Charles A., study of dispersion-strengthened alloys, etc., 13831
- Hoffmann, Kenneth J., wages and related benefits, metropolitan areas, 4718
- Hofmann, Leo G., research on parameter tracking systems, 9425
- Hog cholera, eradication, State-Federal cooperative program, 1965 progress report, 3735
- Hogan, Earl H., and wife, relief, 5572, 5627
- Hogs, *see* Swine.
- Hoh Tribe, judgment funds, disposition, reports, 12933, 17504
- Hohl, Frank, electromagnet torques on spherical earth satellites in rarefield partially ionized atmosphere, 6471
- Holanda, Raymond, volume-ratio calibration system for vacuum gages, 1266
- Holden, M. S., separated flows induced by shock wave-boundary layer interaction, 17875
- Holdenried, Robert, viruses of laboratory rodents, 6486
- Holders:
capillary tube wire holder, inspection of fine wires simplified, 13764
specimen holder design improves accuracy of X-ray powder analysis, 6401
- Holding companies, act of 1935, releases, SEC, 3042
see also Banks and banking—Public utilities.
- Holidays:
Federal, consideration, authorization, report, 4190
gift list for reader, 17991
- Holidays and National Observances Commission, *see* National Observances and Holidays Commission.
- Holland, Carl M., attenuation of sinusoidal perturbations superimposed on laminar flow of liquid in long line, 1265
- Holland, Robert L., improved food handling facilities for San Juan, Puerto Rico, 46
- Holleman, Euclid C.:
control experiences of X-15 pertinent to lifting entry, 4978
summary of high-altitude and entry flight control experience with X-15 airplane, 7893
- Hollomon, J. Herbert:
addresses, etc.—
Sept. 27, 1965, 4027
Nov. 4, 1965, 4000
Dec. 6, 1965, 5548
Jan. 22, 1966, 4029
Feb. 25, 1966, 8427
May 2, 1966, 8426
May 9, 1966, 15659
June 2, 1966, 10033
June 10, 1966, 11512
July 11, 1966, 15658
Oct. 11, 1966, 17059
- Holloway, Paul F.:
definition of lateral-range and lift-drag-ratio requirements for return to both optimum and nonoptimum recovery sites, definition, 11079
roughness effects on boundary-layer transition for blunt-leading-edge plates, 15149
- Holmes, George H., Jr., water requirements and uses in Nevada mineral industries, 12234
- Holmes, Jack A., speed and power of reading in high school, 11881
- Holmes, Pinckney K., training needs for health facilities, 7328
- Holoweckyj, Anna M., relief, 8536, 12814, 13108
- Holstein cattle, *see* Cattle.
- Holt, T. W., and Co., relief, 371
- Holt, W. D., vortex valve for medium-temperature solid propellants, 7742
- Holt Import and Export Co., *see* Holt, T. W. and Co.
- Holt Lock and Dam, Warrior River, Ala., lock filling and emptying system, 1993
- Holum, Kenneth, remarks, Dec. 4, 1965, 2113
- Holyoke, Mass., commodity transportation survey, production area series, 8340
- Hom Sheck See, and wife, relief, 13102
- Home business, *see* Business.
- Home care, *see* Medical care.
- Home chicken flock, 43
- Home economics:
consumer information, price list, 2519
education, planning functional facilities, 5880
family economics review, 2907
home and garden bulletins, 38-40, 3750-51, 5290-91, 6745-49, 9818-19, 11352, 12602-603, 14137-138, 15445, 16925
homemakers—
bread and cereal, golden nuggets, guide for program aides, 15458
broiler-fryers and turkeys, opinions and preferences, 14141
chickens, opinions about (remarks), 1611
fruits and fruit products, use of and opinions, 15449
simplified housekeeping directions, job sheets, 5124
what food means to people, guide for program aides, 15457
wood and the homemaker, 2061
poor housekeeping breeds fires, 18133
program assistants—
handbook, 1600
helping parents teach young children, guide, 8162
to work with low income families, training, 62
publications—
list, 843
price list, 17992
research reports, 1586, 3752
- Home economists:
employment outlook, 9242
examination announcement, 1757
extension, nutrition lessons, guide, 8159
Peace Corps, general information, 2507
- Home loans, *see* Loans.

Home rule :

- District of Columbia—
 - bills, comparison, 1852
 - hearings, print additional copies, reports, 560, 7192, 10210
 - legislation, staff synopsis, 1853
- Homemaker service, *see* Visiting housekeepers.
- Homemakers, *see* Home economics.
- Homemaking, *see* Home economics.
- Homer, Alaska, earthquake of Mar. 27, 1964, effects on area, 13410

Homes :

- all-electric, annual bills, 4379
- ant control, 6745
- beautifying America begins at home, 15469
- construction, maintenance, community development, publications, price list, 1408
- employees in nursing, etc., homes for aged or chronically ill, 1964 statistics, 15310
- fallout protection for homes with basements, handbook, 5510, 15623
- farm plumbing system, 6743
- FHA and home-buying serviceman, 698, 13319
- FHA assistance for home trade-ins, consumer bulletin, Spanish edition, 8896
- FHA financing for home purchases and home improvements, consumer bulletin, 5935, 14629
- Spanish edition, 2017
- FHA insured mortgages—
 - area trends, 4371, 10473
 - State trends, 4377, 10475
- FHA quick guide for buying a home, 7366, 13322
- home health agency manual, 12509
- insured mortgage transactions, FHA trends, 2974
- mortgage debt, estimated, quarterly 2889
- mortgage insurance, FHA regulations, amendments, 4374
- mortgage interest rates and terms, 3043
- naturalization candidates, Federal textbook on citizenship, home study course for—

- helper, 7502
 - student, 7503
- one-family, sales, 1964 annual statistics, 1710
- plumbing repairs, 16924
- single-family, loan closing costs, 838
- summer-home sites on national forest lands, follow-up review of adjustments made in fees charged, Forest Service, GAO report, 4497
- unfinished but habitable, 839
- utilization of food concentrates, USSR studies, 9129

Homestake-Sapin Partners, mining methods and costs at uranium mine, 4755

Hominy grits, domestic corn (hominy) grits bulletin, 2861

Homme, Vernon E., crystalline titanium by sodium reduction of titanium lower chlorides dissolved in sodium chloride, 16572

Homoceanu, Emil, relief, 8529

Homoptera, general catalogue, 9792, 12587, 16917

see also Scale insects.

Homotransplantation, *see* Transplantation (physiology).

Honda, Nishio, precooling of peripheral arterial blood in cold- and warm-adapted rabbits, 3782

Honduras :

investment guaranties, agreement, 15360

mineral industry, minerals yearbook chapter, 7688

Honduras pine, *see* Pine.

Honey :

cloth strainers for conditioning systems, 9835

crop, production, 1965 summary, 6657

Honey—Continued

greater wax moth, pest of honeycombs, control, etc., 1584

market news, semimonthly report, 3044

production, 15380

Honey bees, *see* Bees.

Honeycomb structures, *see* Laminated materials.

Hong Kong :

Foreign Service buildings program, report, 5637

refugee problems, report, 14389

trade in cotton textiles, agreement, 1503

Honnold, V. R., transistor design effects on radiation resistance, 15075

Honolulu, Hawaii, pledge of Honolulu, common commitment for defenders of South Vietnam, 6630

Honolulu Biological Laboratory, *see* Biological Laboratory, Honolulu.

Honolulu Iron Works, President's E award for export excellence (remarks), 12793

Honolulu Magnetic Observatory, magnetograms and hourly values, 5526

Honor, *see* Ethics.

Hooker, G. Vernon, Air Force scientific research bibliography, 3773

Hooks, fish, aluminum crimping sleeve prevents damage, 4405

Hoopa Valley Indians, unallotted lands, claims and judgment against U.S., 12883

Hoover, J. Edgar :
 remarks, Oct. 19, 1965, 7358
 statement, 13224

Hoover Dam, general information, 14006

Hopkins, Edward J., study of surface pitots for measuring turbulent skin friction at supersonic Mach numbers, adiabatic wall, 12355

Hopkins, Ralph L., synthesis of alkyl cycloalkyl and dicycloalkyl sulfides, 12252

Hopper, Natalie J., periodicals and serials received in Library of National Bureau of Standards, 12384

Hops :

foreign agriculture circulars, 2987

stocks, 8092, 16873

Horinbrook, E. M., top utilization of timber cut in California, 10575

Horizon :

day horizon of planet earth, brightness profile, USSR study, 16471

earth's optical observations from earth satellite, deriving earth-centered datum, 7880

Hormones :

and restorative processes, Soviet book, introduction, 10759

human growth hormone, 2457

Horn, Arthur G., Lake States pulpwood production hampered by adverse weather and labor shortage, 14702

Horn, Helmut J., application of iterative guidance mode to lunar landing, 1246

Horn flies, *see* Flies.

Hornbeck, Bernice M., cotton and manmade fibers competition in Japan, 13355

Horne, John E. :

speeches—
 Feb. 21, 1966, 5933
 July 30, 1966, 13318

Horses :

light, breeds, how to select, etc., 34

saddle, barn, farm building plan, 15454

Horseshoe Bend National Military Park, general information, 9573

Horticultural Crops Research Branch, publications, reference list, 8138

Horton, James A., agricultural marketing, 2648

Horvitz, D. G., computer simulation to hospital discharges, 5120

Hose:

Federal item identification guides for supply cataloging, supplements, 2935
tetrafluorethylene, high temperature, medium pressure, classification of defects, military standard, 11851

Hosey, Andrew D., industrial environment, its evaluation and control, syllabus, laboratory manual, 16802

Hoshizaki, Chizuyo, relief, 5575, 5739

Hoshizaki, H.:
convective and radiative heat transfer during superorbital entry, 16600
radiant energy transfer measurements in air, 16601

Hosiery:

industry—
1947-64, indexes of output per man-hour, 14968
wage survey, 1090
lengths and sizes, excluding women's, standard of trade, 12381

Hospital administrators:

employment outlook, 9244
residents in hospital administration, examination announcement, 3987

Hospital and Medical Facilities Division, publications, bibliography, 5108

Hospital attendants, employment outlook, 9270

Hospital Corps, Navy:
handbooks, 2312, 3032.
change, 4749

Hospital corpsmen, Navy training course, 13906

Hospital insurance, *see* Hospitalization insurance.

Hospital Insurance Trust Fund, Federal, Board of Trustees, *see* Board of Trustees of Federal Hospital Insurance Trust Fund.

Hospitalization, *see* Hospitals—Military hospitals—Veterans hospitals.

Hospitalization insurance:

aged persons—
conditions for participation of hospitals, 5142
social security amendments of 1965—
annotated text of health insurance provisions, 5792
law, print additional copies, report, 13003
Senate amendments, brief description, 1937
summary, 7209
benefits under medicare, 16830
good news for household workers, 15328
medicare health benefits can help you, if you are 65, 16831
reimbursement guidelines for medicare, hearing, 11802
things to know about medicare, 6608
under social security, medicare handbook, health insurance, 11229
what you need to know about medicare, 9659

Hospitalmen, *see* Hospital corpsmen.

Hospitals:

central medical and surgical supply services, 1424
administrative aspects, 15282
community facts for Hill-Burton applicants, 13955
community general, as mental health resource bibliography, 13986
conditions of participation in health insurance for aged program, 5142, 15326
conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283
construction program, agreement with Burma, 15370
data from discharge survey, 18081

Hospitals—Continued

decade of change in U.S. hospitals, 1953-63, study comparing utilization, staffing and cost trends in civilian and CONUS Army hospitals, 140

design features affecting maintenance of asepsis, 7997

diagnostic and demographic data of patients discharged from Public Health Service hospitals, 1416

dietary services, planning guide, 13972

discharges, computer simulation, 5120

environment makes the difference, 16801

fire prevention, 11188

general admittance of psychiatric patients, survey, 15303

hospital and medical facilities—

Hill-Burton program—
progress report, July 1, 1947-June 30, 1965, 2531

projects approved for Federal aid, register, 3041

series, 1424, 5108, 6583, 7997, 11188-189, 12473, 13972-973, 15282-283, 16801

State plan data, national summary, 11189

2 decades of partnership for better patient care, 13973

Navy design manual, changes, 1569

series, facilities for mentally retarded, 16800

hospital and university-affiliated facilities for mentally retarded, construction grants, 7992

hospital discharges and length of stay, short-stay hospitals, United States, July 1963-June 1964, 14001

hospitalization in last year of life, United States, 1961, episodes and duration, 16812

inpatient and outpatient workloads of facilities, Division of Hospitals, PHS, statistical summaries, 1417, 18002

management of central rayon hospital in USSR, 7586

medicare program, billing for services, manual, 12508

military medical benefits act of 1966—
hearings, 13195

reports, 7105, 8612, 16091

nuclear disaster, planning, 1422

oblast, organization of work, USSR study, 908

packaged disaster hospital—
establishing, 13970

pharmacy section, 18007

readiness plan, check list, 13971

patients discharged from short stay hospitals, statistics, 18081

psychiatric and tuberculosis, questions and answers, 8026

Public Health Service—

closing, proposal, report, 478

grants, etc. for construction, 1965 funds, 6491

medical internships, 18060

narcotic addicts, treatment, rehabilitation, research, 9028

pharmacy residencies, 16807

seamen's hospitalization, subcommittee report, 1935

radioisotope facilities in general hospital, 6583

research, education, and consultation comprise patient's environment, 16801

sharing technology and equipment with VA hospitals, report, 10128

technological change, 4332, 7328

tuberculosis beds, index, 13998

see also Mental institutions—Military hospitals—Veterans hospitals—*also* names of hospitals or places where located.

Host (biology):

factors involved in host-agent relationships, symposium, 9780

Hot gas ignition temperatures of hydrocarbon fuel vapor-air mixtures, 17866
 Hot laboratories, *see* Radiation laboratories.
 Hot Springs National Park:
 climatic summaries of resort areas, 11900
 general information, 11127
 Hot tips on food protection, 9626
 Hotels:
 census of business, 1963, selected services, 6885
 meat purveyors, improved methods and facilities for custom service houses, 12608
 occupations, employment outlook, 9303
 Houbolt, John C., communication probabilities for orderly-spaced satellites, 1187
 Houck, Ariz., railroad accident, 2140
 Houghton, Frank E., Red River, N. Mex., climatic summaries, 10447
 Houghton, J. R., voltage ratio detector for millivolt signals, 2454
 Hours of labor:
 current reporting in developing countries, how to establish, 12209
 employment and earnings (periodical), 2881
 factory workers, earnings and weekly hours, 4736
 fair labor standards act—
 application to forestry or logging operations, 11312
 construction industry, coverage, 9761
 general coverage, provisions, 11310
 handy reference guide, 16897, 18140
 hours worked, 11311
 motor carrier employees—
 exemption from maximum hours, code of Federal regulations, 6694
 extending overtime provisions, 5222
 overtime compensation, 16899
 overtime pay, computing, highlights, 6693
 Federal civilian firefighters, premium compensation, correction of inequities—
 hearing, 17595
 report, 12944
 Government officials and employees—
 FPM manual supplement, 2951
 travel time compensation, hearings, 5704
 variation of 40-hour workweek for educational purposes—
 hearing, 11679
 law, 15703
 report, 11624
 labor force monthly report, 3218
 maximum retail trade, study, 5224
 nursing homes etc., overtime protection, study, 5223
 output per man-hour, industry indexes, 4717
 railroad employees, 16-hour limitation for certain employees, hearings, 15976
 retail trade, June 1965—
 apparel and accessory stores, 13614
 automotive dealers and gasoline service stations, 13613
 building materials, hardware, and farm equipment dealers, 13611
 employee earnings, summary release, 14984
 food stores, 13612
 furniture, home furnishings and house appliance stores, 13615
 miscellaneous retail stores, drug stores and proprietary stores, 13616
 savings by reducing overtime and maintenance on revetment construction on lower Mississippi River, Engineers Corps, GAO report, 8986
 shorter workweek, selected references, 12199
 union—
 building trades, 13609
 local-transit operating employees, 9333
 motortruck drivers and helpers, 13610
 printing industry, 12216

Hours of labor—Continued
 women, hours limitation law, administrative and technical problems (remarks), 17990
 Housatonic River, water resource appraisals for hydroelectric licensing of basin, planning status report, 4384
 House Administration Committee, House:
 calendar, 3118
 committee prints, 7150, 14426
 funds, providing, reports, 17248, 17250
 hearings, 515-516, 11660
 hearings, etc., authorize, report, 17300
 reports, 492-494, 499-500-502, 4102-10, 5640-47, 7091, 8575-77, 10173, 10186-217, 12925-926, 12928, 12998-13007, 17195, 17209, 17213, 17233-234, 17248, 17250-252, 17259, 17264, 17277-280, 17296, 17343
 House documents, 456-470, 1794-1801, 4045-73, 5597-5624, 7052-71, 8487-8509, 10096-105, 11597-615, 12848-861, 14379-387, 15779A-787, 17155-173
 House flies, *see* Flies.
 House of Representatives:
 appropriations, 1967—
 budget amendments, 8502
 hearings, 11641
 law, 15727
 reports, 10224, 13168, 14395
 calendars and history of legislation, 3110
 candidates, campaign expenditures, special committee to investigate, report, 12994
 contested elections—
 Mississippi, hearings, 516
 Peterson vs. Gross, hearing, 515
 delegation to conference of NATO parliamentarians, New York City, 1965, report, 15848
 delegations to conferences of Mexico-United States Interparliamentary Group, reports, 1859, 11654
 disbursements, detailed statements, 7150, 14426
 Doorkeeper, compensation, equalize, report, 17233
 employ additional Capitol police, report, 12926
 journal, 89th Cong., 1st sess., 8486
 Members—
 additional clerk, report, 10173
 four-year terms—
 hearings, 8672
 message from the President, 4068
 office equipment furnished, remove certain limitations, law, 442
 stationery allowance, additional, report, 17251
 telephone, telegraph and radio-telegraph service allowances, additional, report, 12928
 prayers offered by Chaplain, 89th Congress, 15780
 print as H. doc., report, 10192
 Publications Distribution Service employees, additional compensation, reports, 7091, 17343
 Rayburn Building, Carl Vinson Room, dedication ceremony, print as House document, report, 502
 telephone directory, Jan. 1966, 4044
 transfer of funds from contingent fund to meet committee employee payroll, report, 12925
 House reports:
 private bills, 471-476, 1802-19, 4074-80, 5625-32, 7072-77, 8510-41, 10106-117, 11616, 12862-904, 15788-835, 17174-193
 public bills, 477-506, 1820-44, 4081-4116, 5633-79, 7078-7105, 8542-8644, 10118-225, 11617-634, 12905-13008, 14388-402, 15836-950, 17194-353
 Household appliances:
 census of manufactures, 1963, industry statistics, 8337

Household appliances—Continued
 consumer information, price list, 2519
 Federal item identification guides for supply cataloging, supplements, 2939
 free world production and trade, 1961-63 totals, 4004
 selling and servicing, bibliography, 12503
 Household employees, *see* Servants.
 Household employer's social security tax guide, 855
 Household goods:
 and commercial furnishings and appliances, Federal item identification guides for supply cataloging, supplements, 2939
 brought into U.S. under Gov't. orders, permanent exemption from duty—
 law, 10087
 reports, 8561, 10302
 consumer buying intentions, 268, 5496, 11474, 14278
 electric housewares, current industrial reports, 251
 Federal employees assigned to isolated duty stations, moving and storage expenses, reimburse—
 law, 15706
 reports, 503, 8548, 13143
 imported, civilian and military personnel, customs requirements, 16205
 Navy personnel, moving information, 11155A
 retail trade, employee earnings, home furnishings, and equipment stores, 13615
 shipments overseas, charges for diversion in continental U.S., GAO review, 14734
 storage, erroneous payments to members of Army, report, 12954
 see also Furniture.
 Household workers, *see* Servants.
 Households:
 and family characteristics, 17007
 by type, 1965, population characteristics, 14270
 insecticides, guide, 9814
 private, employment, expanding opportunity, 4326
 sample survey, Atlanta case study—
 content and design of household surveys, 3938
 field operations, organization, training and control, 17012
 population data controls, 6937
 sample design, 15596
 survey objectives and description of country, 3937
 with telephones, Mar. 1965, population characteristics, 3925
 with television sets in U.S., current housing reports, 3919
 Housekeeping, *see* Home economics.
 Houser, Leroy S., sanitation of shellfish growing areas, 5112
 Houses:
 can resist hurricanes, 4461
 Federal Housing Administration owned, savings through use as quarters for Coast Guard members, Miami and St. Petersburg, Fla., areas, GAO report, 2085
 flooded, first aid, 3743
 low-cost construction, framing system, 15452
 radiation measurements in typical residential structures, 15527
 single family, inspected by FHA, wood products used, 6779
 Vice President, official residence—
 hearings, 5706
 law, 8462
 reports, 553, 5677, 7088
 wood-frame, improved system of construction, development, 5993
 see also Farmhouses.
 Housewares, *see* Household goods.

Housing:
 act of 1949, urban renewal programs authorized by act, operations report, 3469
 act of 1950, amend, message from the President, 8505
 acts, compilation, 4042
 Alaska natives, studies, 5104
 authorized, construction reports, 2784, 12704-705
 summary statistics, 2785, 14263
 census, 1960—
 availability of published and unpublished data, 8370
 procedural history, 11460
 census 1970, self-enumeration as method, 12731
 census publications price list, 5101
 code of Federal regulations, 10491
 community, available, need for current evaluation prior to construction of military housing, Navy Dept., GAO report, 808
 construction—
 1889-1964, statistics, 14280
 tight credit problem examined by Government (speech), 13318
 consumer buying intentions, 268, 5496, 11474, 14278
 current reports, 2816
 announcement and order form, 8324
 housing characteristics, 3919, 14269
 housing vacancies, 245, 11462
 dealers and individuals subject to certain sections of title 1, National housing act, list, 5934
 demonstration cities and metropolitan development act of 1966, reports, 13186, 15897, 17241, 17336
 discrimination in sale, etc., eliminate—
 hearings, 11671, 14493
 message from the President, 8509
 report, 12929
 displaced persons, relocation assistance, report, 13155
 elderly people—
 FHA housing for the elderly, projects and people, 11924
 project, Fort Worth, Tex., mortgage insurance, GAO report, 6021
 project, Houston, Tex., mortgage insurance, GAO report, 6022
 senior citizens, selected references, 5263
 emergency lodging, 12741
 family, Navy design manual, changes, 1569
 farm labor, loans and grants, 12611
 Government-owned, family, management and utilization, Army Dept., GAO review, 7474
 housing and planning references (periodical), 3047
 housing and urban development act of 1965—
 Federal grant assistance for water & sewer systems, 4541, 6049
 law with related documents, texts, 510
 housing and urban development act of 1966—
 hearings, 8659
 reports, 13188, 14388, 17202
 summary of bills, 8664
 summary of House bill, 13023
 insurable loans, digest, 7364
 laws, compilation, 1847
 legislation for 1966, proposals, hearings, 10329
 living units, minimum property standards, 2018
 interim revision, 14632
 loan default, VA savings through canceling hazard insurance, GAO report, 13383
 loans, defaulted, collection efforts of VA, GAO report, 4504
 low-rent, PHA bulletin, 6590
 mid-decade census, take in 1966 and 1975, etc., report, 481

Housing—Continued
 military, family housing program, appropriations, 1967, reports, 15908, 17311, 17513
 multifamily, minimum property standards, 699
 national housing act:
 amend—
 law, 17100
 reports, 15846, 17217, 17464
 uniform system of accounts for cooperative housing projects, insured, 2019
 Panama, U.S. programs, observations, report, 15968
 public—
 bonds or notes issued by local urban renewal or public housing agencies are incontestable in hands of bearer, opinion of Attorney General, 6248
 community facilities and programs serving, 9636
 low rent—
 inclusion of balconies and use of high-cost brick in constructing projects, Public Housing Administration, GAO report, 6010
 local authorities participating in PHA programs, 3161
 public and private, study, authorization, reports, 4162, 4177
 racial equality in housing, legal and moral basis (remarks), 16886
 rent supplement assistance, FHA regulations, 16273
 rental and cooperative, for families of low and moderate income, FHA mortgage insurance, consumer bulletins, 4372, 11916
 sales, construction reports, 1710, 2787
 savings and home financing, source book, 1965 data, 11915
 site engineering, design notes, 6590
 starts, construction reports, 2788
 statistics, monthly, 3048
 urban land, more efficient use (remarks), 12492
 urban renewal directory, 3652
 vacant units in U.S., 245, 11462, 14269
 Washington, D.C., problems, synopsis of findings, 15212
see also Barracks and quarters—*also* names of States, etc.
 Housing and Home Finance Agency:
 appropriations, 1966, public works, law, 401
 press releases, 3375
 weekly news summary of releases issued, 3046
 Housing and Urban Development Department:
 appropriations, 1966, supplemental proposal, 5608
 appropriations, 1967—
 hearings, 8651, 13193
 law, 15734
 reports, 8638, 14401, 16090
 Assistant Secretary, nomination of—
 Brownstein, Philip N., hearing, 5801
 Haar, Charles M., hearing, 5801
 Hummel, Don, hearing, 10330
 Taylor, H. Ralph, hearing, 10330
 career employment, 7500
 certain documents executed by personnel, valid and effective, opinion of Attorney General, 9192
 HUD program guide (series), 6048
 international programs, 840
 press releases, 3376
 programs—
 general information, 10659
 public works planning, etc., 841
 Secretary, nomination of Robert C. Weaver, hearing, 4212

Housing and Urban Development Department—Continued
 Under Secretary, nomination of Robert C. Wood, hearing, 4212
 water and sewer facilities grant program, information series, 6049
 Housing insurance, *see* Mortgage insurance.
 Houston, Billy J., nonmetallic waterstops, water retentivity, etc., of splices, 4342
 Houston, David R., strumella canker of oaks, 16322
 Houston, Sam, Fort, *see* Sam Houston, Fort.
 Houston, Walter R., effects of stocking rates on range vegetation and beef cattle production in northern Great Plains, 3772
 Houston, Tex.:
 area wage survey, metropolitan area, 16533
 commodity transportation survey, production area series, 8346
 housing project for elderly FHA approval of mortgage insurance, GAO report, 6022
 principal electric facilities, map (series), 7379
 Hovenweep National Monument, general information, 9574
 Hovering, maneuvers over lunar surface, fixed-base visual-simulation study, 17919
 How Employment Service helps the handicapped, 16248
 How extension spends its time and with whom, 14626
 How foreign policy is made, erratum, 2577
 How much is she worth?, 15463
 How to use USDA grades in buying food, 16936
 Howard, James C., frequency independent techniques for extracting rigid-body motion from total motion of large flexible launch vehicle, 1272
 Howard, Jed L., current United States Air Force policy on glaucoma, 6812
 Howe, Fisher, computer and foreign affairs, 18114
 Howe, Harold, II:
 addresses—
 Mar. 18, 1966, 7318
 Mar. 28, 1966, 7315
 Apr. 2, 1966, 7326, 13281
 Apr. 4, 1966, 7323
 Apr. 6, 1966, 7324
 Apr. 13, 1966, 7314
 Apr. 16, 1966, 7317
 Apr. 24, 1966, 16238
 May 3, 1966, 10422
 May 13, 1966, 16228
 nomination, hearing, 5821
 Howe, John T., dynamics of capillaries and existence of plasma flow in pericapillary lymph space, 15146
 Howell, John R.:
 analysis of effect of seeded propellant layer on thermal radiation in nozzle of gaseous-core nuclear propulsion system, 2415
 radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 Hower, Edwin F., relief, 5727, 7025
 Howes, Merwin H.:
 methods and costs of constructing underground facility of NORAD Combat Operations Center, Cheyenne Mountain, etc., 13679
 mineral industry of Utah, 1147
 Howitzers, rigging for airdrop, 8267
 Hoy, Fun Wat, relief, 13114
 Hoyle, Merrill C.:
 addition of phosphorus to subsoil promotes root development of yellow birch, 8958
 growth of yellow birch in podzol soil, 800
 Hoyt, Charles D., mineral industry of Sweden, 9365

- Hoyt, Mildred I., publications of Pacific Northwest Forest and Range Experiment Station, 5973
- HQM series, 17612
- H-response in electroencephalograms of aircrew personnel, 3799
- Hruby, Ronald J., FM telemetry, etc., for wind tunnel aerodynamic measurements, 6462
- Hsia, Tao-tai, church and state under Communism, Communist China, 7220
- Hsingan, *see* Khingan, Inner Republic Autonomous Region, Manchuria, China.
- Hu, W. C. L., flexural vibrations of conical shells with free edges, 6335
- Huber, R. W., fracture-toughness tests for titanium alloy plate and forgings, 1355
- HUD, *see* Housing and Urban Development Department.
- Huddle, John W., geology and coal reserves of Kermitt and Varney area, Ky., 9019
- Huddleston, Barbara, market for U.S. products in East Africa, 12059
- Hudelson, John C., dynamic instability of undamped bellows face seals in cryogenic liquid, 4944
- Hudgins, Robert, proceedings against, report, 4096
- Hudson, C. Michael, fatigue-crack propagations, etc., of stainless steel, 2433
- Hudson, R. G., diffusion and electron emission properties of duplex refractory metal thermionic emitters, 15044
- Hudson, Wayne R., copper magnetoresistance devices as magnetometers, 13839
- Hudson Bay:
- sailing directions, 11140-41
 - surface water quality, 10652, 14756
 - records to Dec. 31, 1963, index, 2098
- Hudson Highlands National Scenic Riverway, establish, hearings, 517
- Hudson River and Valley:
- focus on the Hudson, evaluation of proposals and alternatives, 17900
 - interstate compact relating to resources—law, 15772
 - reports, 15893, 17490
 - mid-Hudson rural development project, 14596
- Huerfano County, Colo., ground water, 7490
- Huertado, Felix P., *see* Hurtado, Felix P.
- Huff, Judith M., recreation facilities and services operated by FHA borrowers, 14541
- Huff, Lyman C., mineral resources of Sacamore Canyon, primitive area, Ariz., 14747
- Huff, William R., flow properties of powdered coal-water slurries, 2352
- Huggett, Clayton, effects of 100% oxygen on ignitibility and combustibility of materials, 3797
- Hughes, Eugene P., results of field applications of herbicides for control of saltcedar (*Tamarix* spp.), 5265
- Hughes, Kathryn S., how to use telephone, 9030
- Hughes, L. E., industrial services for nursing home industry, 4332, 7328
- Hughes, Patrick, keeping tornado watch, 7004
- Hulls (ships):
- effects of cavitation on magnitude of intermittent forces transferred by screw propeller as it operates, USSR study, 2216
 - periodic forces acting on, during operation of shrouded propeller, USSR study, 1012
 - salvage and repair, Army technical manual, 15520
- Hulse, Fred E., pooling by Florida citrus co-operatives following 1962 freeze, 14142
- Hultquist, A. E., electrolytic preparation of high dielectric thin films, 4821
- Human centrifuges, *see* Centrifuges.
- Human embryology, *see* Embryology.
- Human engineering:
- Army's human factors research and development activities, 5376
 - human vs filter as data extrapolator in 2-coordinate, sampled-data tracking system, 6543
 - Human environmental sensitivity to vibrotactile stimulation, etc., 3784
 - Human factors:
 - considerations of undergrounds in insurgencies, 16961
 - in general aviation accidents, 16984
 - research in command information processing systems, 16967 - Human factors in engineering design, *see* Human engineering.
 - Human race, *see* Man.
 - Human relations:
 - how to turn talk into action, guide for effective commission on human relations, 10049
 - international meetings, world list, 3717 - Human resources, *see* Ability.
 - Human response to sustained acceleration, 10978
 - Human rights, *see* Civil rights.
 - Human Rights Committee, *see* United States Committee on Human Rights.
 - Human Rights Year, International, *see* International Human Rights Year.
 - Human transfer functions in multi-axis and multi-loop control systems, 9512
 - Human transfer functions used to predict system performance parameters, 15109
 - Human vs filter as data extrapolator in 2-coordinate sampled-data tracking system, 6543
 - Humanities:
 - Latin Americanists, specialists, bibliographies, national directory, 10892
 - public elementary and secondary schools, instruction, financial assistance, 8843
 - science, humanities, and Federal Government, partners in progress (remarks), 8305 - Humboldt River and Valley:
 - water in valley near Winnemucca, Nev., 9023
 - water resources, 2106 - Hume, Ivor N.:
 - excavations at—
 - Clay Bank in Gloucester County, Va., 5040
 - Tutter's Neck in James City County, Va., 12397 - Humes, Donald H., influence of bumper and main wall material on effectiveness of single meteoroid bumpers, 1269
 - Humes, Glenn D., relief, 12868
 - Humidity:
 - air, nighttime drying in Santa Ana Mountains, 2068
 - evaporation study in humid region, Lake Michie, N.C., 16359
 - mean relative humidity (%), monthly and annual, maps, 5895
 - multiple-effect humidification utilized by solar distillation process, 14770 - Hummel, Don, nomination, hearing, 10330
 - Humphrey, Hubert H.:
 - American civilians who are fighting shirt-sleeves war in Vietnam, 17745
 - remarks—
 - July 27, 1965, 1970
 - Nov. 4, 1965, 13996
 - June 13, 1966, 17733 - Humphrev, Judith M., index-catalogue of medical and veterinary zoology, 5274, 6715, 8133-34, 9793, 16918
 - Humphrey, Richard A., precision winding of cylindrical composites with shaped glass filaments, 15038
 - Hung-ch'i (periodical):
 - translations, 3588 - Hungarian Chemical Society, general assembly, 1966 report, 14933

Hungarian Microbiological Society:
congress proceedings, 1059
general assembly, 16490
program, 2225

Hungarian science (periodical):
translations, 9164

Hungary:
Academy of Sciences—
academic awards and degrees, directive,
16481
activities of corporate bodies, 14835
activities of corporate organs, 13576
activities of organs of new Hungarian
doctors and candidates of sciences,
9138
activities, organizational changes, 2194
awards, 6169
corporate organs after 1965 general as-
sembly, 6208
Mathematics and Physics Department,
report of departmental leadership,
9169
recent activities, 14859
reform of economic guidance system de-
bates, 13577
regulation of research sites receiving
support, 4606
Research Institute of Experimental
Medicine, 10764
Technical Sciences Department
1949-64, report, 10707
status of research under its guidance,
activities, 9081

algae studies, 4673

Aluminum Industry Planning Institute,
organization, development and tasks,
2185

anatomy and histology, progress in past
20 years, translation, 12127

applied mathematics and scientific re-
search, 2260

automation research, 10708

automation, views, 888

background notes, 1483

biological research, development, 14834

biological sciences, development, 14845

chemical research, various aspects, 4670

church and state under Communism, 7219

colleges and universities, development of
chair of physiology over past 20 years,
10779

Czechoslovakia boundary, study, 11257

doctors and candidates, 6112, 9083, 14836

genetics, current questions, colloquium,
9082

geodesy and cartography, conditions, prob-
lems and plans, 16487

geodetic instruments, application, 14956

geodetics and cartography achievements,
12176

geological research, decree on supervision
and implementation, 2188

Hungarian observation network for arti-
ficial satellites, activities, 14833

Isotope Institute of National Atomic
Energy Committee, activities, 13557

labor conditions, 13634

medical sciences, qualifications asked by
professional committees, study, 9114

medical training, problems, 10763

medicine, 1945-65, summary report, 10762

microbial genetics conference, 6172

mineral industry, minerals yearbook chap-
ter, 2326

Minister of Public Health, control of ra-
diation dosage received by workers, de-
cree, 4610

National Institute of Public Health, jubilee
session, 2238

petrochemistry conference, 1965, reports
presented, 10730

professional literature, twenty years strug-
gle against contagious animal disease,
13497

Hungary—Continued
provincial press, translations, 3559
research sites, scientific work, statistics,
7580
scientific events, schedule, 906
scientific events slated in 1966, 4677
scientific research, problems of organizing,
13575

scientists—
molecular studies at Moscow State Uni-
versity report, 12105
nuclear chemistry studies at Warsaw
University, report, 12104
visits and describes Soviet pharmaceu-
tical and chemical research institu-
tions, USSR study, 9102
visits Soviet institutions of organic
chemistry, study trip, 9105
visits various countries, 13556
security and intelligence service, state-
ment of Laszlo Szabo, hearings, 7119
society of Hungarian chemists work plan
and news, 10740
technical chemical research, 9186
Technical Chemistry Research Institute,
5th anniversary, 9186
Telecommunications Research Institute,
scientific meeting on 50th anniversary,
7578
veterinary internal medicine development,
12141
veterinary parasitology, 999

Hunger:
balance agricultural productivity and pop-
ulation to prevent famine (address),
14129
dimensions of world hunger problem (ad-
dress), 14120
hope for hungry nations (address), 3753
India, relieve victims, U.S. participation—
hearings, 8762, 11636
law, 11549
message from the President, 8499
reports, 8594, 8737
magnitude of impending food crisis
(speech), 14160
winning the war on hunger through agri-
cultural development (address), 11345
world war on hunger, program for foreign
aid—
hearings, 7107, 8645, 11785
print additional copies, reports,
17278, 17544
staff summary of testimony, 7110
message from the President, 4072

Hunt, Charles B.:
Death Valley, Calif.—
hydrologic basin, 7485
plant ecology, 7487
stratigraphy and structure, 7484

Hunt, Eleanor P.:
health, education, and welfare trends,
data and rankings, 16365
mortality of white and nonwhite infants
in major U.S. cities, 4536
recent demographic trends and their ef-
fects on maternal and child health needs
and services, 11484

Hunt, Robert E., theological roots for hos-
pital ministry, 16895

Hunt, V., induction processed separable
tubular brazed connector, 12273

Hunter, Elmer C., economies of size for spe-
cialized beef feedlots in Colorado, 10411

Hunter, H. Foster, relief, 15808

Hunter, Willard L.:
carbon reduction of chromite, 9377
electric-arc furnace reduction of tin slag
for production of columbium-tantalum-
bearing alloys, 7707

Hunting:
migratory birds, Alaska, 1966-67, Federal
regulations governing, 14673
national survey, 16312

- Hunting—Continued
sports, classification, Library of Congress, 1100
teal, Sept. 1965, experimental season, 10540
- Huntley, Sidney C.:
simulated nuclear heating of liquid hydrogen in propellant tank, 6467
wall and bottom heating of liquid hydrogen in propellant tank, 6439
- Hurd, Edgar B., costs and returns, 1965, commercial wheat farms, Pacific Northwest, northern and southern Plains, 14530
- Hurewicz theorem, *see* Equations.
- Hurley, Ray, remarks, Nov. 9, 1965, 3941
- Huron, Lake, small craft, gale and whole gale warning facilities chart, 15423
- Hurricanes:
Atlantic, TIROS coverage of 1963 season, 12335
- Betsy—
Aug. 27–Sept. 10, 1965, Federal action in disaster, 7327
disaster of Sept. 1965, investigation of destruction—
hearings, 528
subcommittee report, 10265
houses can resist, 4461
model plan for coastal community, 14075
Southeast hurricane disaster relief act of 1965—
hearing, 527
law, 439
report, 554
- surveys, engineers reports—
coastal beaches, South Carolina—
departmental edition, 10436
document edition, 10102
Florida northwest coast—
departmental edition, 14572
document edition, 14384
Folly Beach, S.C.—
departmental edition, 668
document edition, 465
Isle of Palms, Sullivan's Island, and Charleston, S.C.—
departmental edition, 8859
document edition, 8501
Narragansett Bay area, R.I. and Mass.—
departmental edition, 11893
document edition, 11613
New Hampshire coastal and tidal areas—
departmental edition, 669
document edition, 463
North Carolina, mainland areas, excluding Washington and New Bern—
departmental edition, 17631
document edition, 17165
Outer Banks between Virginia State Line and Hatteras Inlet, N.C.—
departmental edition, 17635
document edition, 17166
Washington, N.C., and vicinity—
departmental edition, 10438
document edition, 10104
see also Typhoons.
- Hurtado, Felix P., relief, 11703, 15676
- Husband and wife, *see* Pensions.
- Huseonica, William F., current measurement in launch vehicle measurement, 16665
- Huske, William O., Lock and Dam, *see* William O. Huske Lock and Dam.
- Huston, Robert J., handling qualities of rudimentary hingeless rotor helicopter, 11053
- Hutchinson, R. L., basis for rigid pavement design for military airfields, 11894
- Hutchison, S. Blair, timber management issues on Utah's north slope, 14712
- Hutchital, D. A., transport phenomena in ionized gases as initial value problem, 15062
- Hutton, Robert F., simulation technique for making management decisions in dairy farming, 5864
- Huval, Carl J., flow in chute spillway at Fort Randall Dam, 10443
- Hybridization theory, methodological aspect, USSR study, 1070
- Hydrates:
beryllium sulfate, heats of formation, 6316
calcium aluminoferrite, properties, 11088
crystal method for desalting of water, USSR study, 2202
see also Chloral hydrates.
- Hydration, lower body negative pressure influence during bedrest, 9563
see also Heat of hydration.
- Hydraulic brakes, *see* Brakes.
- Hydraulic cylinders, *see* Cylinders.
- Hydraulic engineering, circular, 5132
see also Locks (hydraulic engineering).
- Hydraulic mine filling, cement and dispersant additives, effect backfill, laboratory study, 16576
- Hydraulic mining, *see* Coal mines and mining.
- Hydraulic systems, drive prevents backlash, 1226
- Hydraulic transport of coal, 7712
- Hydraulic turbines, *see* Turbines.
- Hydraulics:
analysis of circular pipe culverts, electronic computer program, 5125
box-inlet drop spillway design, 8143
charts for selection of highway culverts, 5132
computations of tidal flow, errata, 8860
diffusivity of wedge-shaped aquifers drained by streams, 15408
downpull forces on large gates, 18088
flow frequency analysis, methods, 17736
laboratory investigation, Hilo Harbor, Hawaii, pneumatic wave generators, approximate theories, 10442
model investigations—
Bessie Cutoff, Mississippi River, 678
Bonneville Dam, navigation channel, improvement, 11890
Cannelton Locks and Dam, Ohio River, spillway, 5889
Cannelton main lock, 7336
Cayuga Inlet, Cayuga Lake, N.Y., drop structure, 5888
Cochiti Dam, Rio Grande, N. Mex., 4338
Cordell Hull Navigation Lock, filling and emptying systems, 16251
Dana Point Harbor, Calif., 13295, 14575
Hannibal Locks and Dam, spillway, 13297
Holt Lock and Dam, filling and emptying system, 1993
low-head navigation dam, Arkansas River, Ark., spillway, gate sills and stilling basins, 1991
Matagorda Ship Channel, 7335
Millers Ferry and Jones Bluff Locks filling and emptying systems, 10444
Monongahela River, lock and dam no. 4, navigation conditions, 16250
Nassau Harbor, 679, 1992
Navy ship mooring facility, west coast of Point Loma, Calif., 5887
seawall, Texas City, Tex., stability, 11898
Shelbyville Dam, Kaskaski River, Ill., spillway, etc., 11897
submerged rock weirs, St. Clair River, adequacy to withstand propeller wash, 11896
Walnut Creek project, Calif., drop structures, 13296
O-ring tube fittings form leakproof seal in hydraulic systems, 4857
physiographic and hydraulic studies of rivers (series), 2103, 6031, 12021, 17718
prototype tests—
flow in chute spillway at Fort Randall Dam, 10443
Greenup Lock, Ohio River, Ky., culvert pressures, 16249

Hydraulics—Continued

research in United States, 17939
resistance to flow in alluvial channels, 17718
river hydraulics (series), 6043, 17731
rock riprap, design, 10439

Hydrazine:

acute toxicity in mice, biochemical studies, 12630
effect on protein content of various tissues in rat, 8202
effects on blood glucose and muscle and liver glycogen in anesthetized dog, 9864

Hydroacoustics, *see* Sound.

Hydrobiologists, Soviet, training, 17772

Hydrobiology, *see* Marine biology.

Hydrocarbons:

analytical techniques for hydrocarbons in mineral aggregates, 13712
catalytic combustion, ionization produced, 9596
fuel vapor-air mixtures, hot gas ignition temperatures, 17866
fuels, flammability properties, 5071
halogenated, flammability characteristics, 9371
radiation-induced oxidation of hydrocarbons, 5396
sensor detects hydrocarbon oil contaminants in fluid lines, 6394
unsaturated, mass and infrared spectra, 17863

Hydrochemistry:

hydrochemical determinations at sea, USSR studies, 2165
hydrochemical facies and ground-water flow patterns in northern part of Atlantic Coastal plain, 12022

Hydrocortisone:

effects of 9-alpha-fluorohydrocortisone on dehydration due to prolonged bed rest, 8206
serum and parotid fluid free 17-hydroxycorticosteroid levels in acute and chronic renal failure, 1627

Hydrodynamics:

instabilities limiting power of boiling water reactors, 15530
naval, ship motions and drag reduction, symposium, 16753
Taylor instability in stratified flow, 16596
tire hydroplaning, 16610

Hydroelectric power plants, *see* Electric power plants.

Hydrogen:

action at high temperatures and pressures, effect on steel, USSR study, 16506
argon-hydrogen plasmas, reaction of coal, 15030
atom, catalysis, recombination in rocket nozzles, 6341
chemisorbed on platinum electrode by interaction of carbon dioxide, 16764
compatibility of tantalum, columbium, and their alloys in presence of temperature gradient, 13842
cross section for impact ionization of H(1s) atoms by H(1s) atoms near threshold, 2420
cryogenic, flowing in tubes at subcritical and supercritical pressures to 800 pounds per square inch absolute, experimental heat transfer results, 7815
driver, used with Langley pilot model expansion tube, performance, 11056
fire detection system features sharp discrimination, 13500
fires, infrared television used to detect, 13798
gas, device removes from enclosed spaces, 13775
gas flowing in heated tube, laminar-flow instability from large increases in temperature, steady-state problem, investigation, 9514

Hydrogen—Continued

high-temperature atmosphere, refractory coating protects intricate graphite elements, 9452
hydrogen-fluorine propellant system, comparison of experimental and kinetically limited theoretical performance, 15195
hydrogen-fueled airplanes, structural concepts, 6414
hydrogen-oxygen rocket engine, 20,000-pound, propellant injection velocity, effect on screech, 7884
induction furnace, increased temperature yield, 6381
ionizing atomic, transport properties, 9506
liquid—
coating permits use of strain gage in 11001
densitometer system, high accuracy, etc., 17903
density measurement using open-ended microwave cavity, 17930
evaluation of pressurant gas injectors during, pressurized discharge, 11077
in propellant tank—
nuclear heating, simulated, 6467
wall and bottom heating, 6439
pressurized tanks, interfacial heat and mass transfer, 6425
liquid-oxygen-gaseous hydrogen rocket engines, nonmetallic ablative materials as nozzle sections, 9510
maser frequency comparison with cesium beam standard, 7834
mixture properties for nitrogen and carbon-dioxide, 6337
oxygen-hydrogen torch as steam generator, 9460
plasma, low-density nonequilibrium, steady-state composition, 17912
potential of platinum electrode at low partial pressures, 17977
propellant, acceleration along magnetic tube by ion beams, 16702
sniffer used as portable leak detector, 13791
submicron tungsten powder preparation by hydrogen reduction of tungsten hexachloride, 16580
temperature-entropy diagram for parahydrogen triple-point region, 17943
thermal conductivity, 2000° to 4700° F, 7728
transient flow in heated passages in laminar-turbulent transition region, analysis, 15200
treatment of niobium, enhancement of superconducting current-carrying capacity, 16693
Hydrographs, runoff equation, analysis, 8126
Hydrohandling system:
sorting and sizing apples—
before storage, 14112
for storage in pallet boxes, 11357
Hydrology:
alluvial deposits, Ohio River Valley, Ky., 4530
alluvium of Arkansas River, Muskogee, Okla., to Fort Smith, Ark., 6040
aquifer systems (series), 12022
contributions to hydrology—
Africa and Mediterranean region (series), 16362
United States (series), 4529, 6040, 7491, 9024-25, 10650, 12031, 13417, 17728-29
Corey Creek basin, Pa., effect of agricultural conservation practices, 17725
Death Valley, Calif., hydrologic basin, description, 7485
Deep Springs Lake, Inyo County, Calif., 9018
Delmarva Peninsula, authorize study—
law, 17116
reports, 13147, 17215

Hydrology—Continued

- Fort Belknap Indian Reservation, Mont., 824
- Geological Survey research, 821, 6035, 12027, 13413
- Glenn Creek drainage basin near Fairbanks, Alaska, studies, 8244
- Guam, Mariana Islands (series), 4519
- hydrologic analysis, postulated liquid-waste releases, Brookhaven National Laboratory, Suffolk County, N.Y., 13394
- hydrologic effects of land use (series), 17725
- hydrologic regimen of Salton Sea, Calif., 16360
- hydrology of tidal streams (series), 10647, 13415
- Louisville area, Ky., 9025
- post-shot hydrologic safety, Project Shoal, 6867
- recent developments, USSR studies, 993, 6201
- runoff water in playas, 15435
- specialists, Moscow State University, Training, 894
- United States, bibliography, 6042
- USSR—
 - developments in hydrological service, 13467
 - studies, 2208, 4671, 10797
 - vegetation and hydrologic phenomena (series), 6033
 - vertical motion of water, northern tropical and equatorial zones of Pacific Ocean, USSR study, 2190
 - see also International Hydrologic Decade, USSR—Water.
- Hydrolysis, hydrolytic stability of dialkyl triorganosilyl-methoxymethyl phosphinates, USSR study, 6129
- Hydromagnetic waves, see Magnetohydrodynamics.
- Hydromechanics, statistical, USSR study, 16442
- Hydrometeorology:
 - Cuba, USSR study, 14872
 - hydrometeorological observations for processing on electronic computers, preparation of results, USSR study, 14869
 - hydrometeorological reports, 1534, 15420
 - USSR scientific work at institutes of hydrometeorological service, 14873
- Hydrometeors, sampling, impactors, electrically operated, 8248
- Hydrooptics, research USSR studies, 13534
- Hydroplaning, tire, hydrodynamics, 16610
- Hydroxylamines, interaction with some substituted anilines, 933
- Hye Suk Paeng, see Paeng, Hye Suk.
- Hygiene:
 - all-Union Scientific-Research Institute of Railway Hygiene, report on laboratories, 16391
 - ILO convention concerning hygiene in commerce and offices, text, etc., 17159
- Industrial—
 - and ultrasound, USSR study, 13488
 - effect of working conditions upon workers, USSR study, 998
 - environment, engineers and chemists, syllabus for short courses, laboratory manual, 16802
 - workers, publications, price list, 7986
- labor—
 - and occupational diseases (USSR periodical), translations, 10742, 10746, 12187
 - and occupational diseases, USSR studies, 7617, 13544
 - in vibrocondensation in concrete, USSR study, 9179
 - occupational hygiene in painting with synthetic lacquers and paints, USSR study, 1028
 - PACAF basic bibliographies, 6804
 - publications, price list, 11179

Hygiene—Continued

- radiation, reports on basic problems discussed at 4th practical scientific conference, USSR, 1013
- Rumania, evolution and present problems, 12135
- toxic chemicals used in agriculture, USSR symposium, 967
- USSR studies, 2259, 6152
- see also Health.
- Hygiene and sanitation (USSR periodical):
 - articles, 6174, 7552
- Hygienists, see Dental hygienists.
- Hyovaiti, Duane C., antenna cut-back factor for LF radio waves, 6480
- Hypatia, RLC6, lunar chart, 14186
- Hyperbolas, rectangular, describing load-deformation response of soils in vehicle mobility research, 4339
- Hypersonic airplanes, see Airplanes.
- Hypersonic characteristics of aircraft configurations with canard controls, 9515
- Hypersonic flow, see Flow.
- Hypersonic speed, see Air speed.
- Hypertension, see Blood pressure.
- Hyperthermia, serum lipids and blood ketones during progressive hyperthermia, 12635
- Hypervelocity impacts into stainless-steel tubes armored with reinforced beryllium, 13826
- Hypnopedia, truth and fiction surrounding limits and possibilities, USSR study, 2239
- Hypnosis:
 - dreams during, USSR study, 14849
 - present day applications, USSR studies, 17780
- Hypodermic needles, hollow needle used to cut metal honeycomb structures, 11036
- Hypodynamics, USSR, hypodynamia experiment, 2228
- Hypohydration, involuntary, in man and animals, review, 10979
- Hypokinesia secondary to chair rest from 4 to 10 days, 6811
- Hypophthalmichthys, white tolstolobiks, breeding in Amu Darya River basin, 4627
- Hypophysis, see Pituitary glands.
- Hypoplasia, cerebellar, congenital, effects on developmental behavior and vestibular system in cats, 12628
- Hypothermia:
 - cross circulation and heat exchangers employment, study of central nervous system changes, 3780
 - profound, effects on spinal cord of dog, histologic study, 80
 - treatment of terminal states, international symposium, 4662
- Hypoxia:
 - chronic, capillary development during exposure, 9865
 - electrolyte content in biological fluids and function of cochlea, USSR study, 16422
 - experimental hypoxic hypoxia on blood clearing factor, USSR study, 930
 - hypoxia and performance decrement, 15557
 - influence of different grades on sensitivity to epileptogenic agents, etc., USSR study, 1022
- Hyre, French M., PCA cooperative-patron credit plan, 16254
- Hysteresis and eddy-current losses of transformer lamination viewed as application of Poynting theorem, 1276
- Hyver, Gregory A., optimization of relay controlled system subjected to random disturbances, 10958

I

- I & N reporter, 3049
- I.B.R.D., see International Bank for Reconstruction and Development.
- I.C.C., see Interstate Commerce Commission.

- I.C.O., *see* Interagency Committee on Oceanography.
 I.R.S., *see* Internal Revenue Service.
 IADS, *see* International Agricultural Development Service.
 IAEA, *see* International Atomic Energy Agency.
 Iampietro, P. F., problems in aviation personnel, influence of tranquilizer on temperature regulation in man, 15556
 Iassidae, catalogue, 16917
 Ibach, D. B., fertilizer use in United States, its economic position and outlook, 11861
 IBRD, *see* International Bank for Reconstruction and Development.
 IBT—National Tea Co. Employees Retirement Fund, tax exemption, report, 17562
 ICA, *see* Industrial College of Armed Forces.
 ICAF, *see* Industrial College of Armed Forces.
 Icarus project, *see* Project Icarus.
 ICC, *see* Interstate Commerce Commission.
 Ice:
 adhesion to hydrophobic surfaces, 15252
 bibliography, with abstracts, 16957
 calculation of processes caused by introduction of ice crystals into supercooled small-drop clouds, USSR study, 1067
 cap in Greenland, performance testing of air cushion vehicle, 9890
 conditions, weather and crop bulletin (periodical), 3703
 conductivity changes produced in ice by optical irradiation, 15505
 cover of Arctic proglacial lake, 9887
 energy requirement for placing instrument package under ice, 8236
 floating sheet, time dependent deflection, 15510
 Great Lakes ice cover for winter of 1964-65, 9340
 measurement of natural particulate fall-out onto high polar ice sheets, laboratory techniques and results, 8235
 migration of liquid inclusions in single crystals, 6833
 mode of uplift of fish and fossiliferous moraines of McMurdo Ice Shelf, Antarctica, 5344
 polar ice cap, water production, by utilization of waste engine heat, 8247
 self-diffusion in single crystals, 8239
 thermal properties, mathematical analysis, 9888
 upper Mississippi ice jam, hearings, 8678
 visual resolution and optical scintillation, 8233
 see also Ice crystals—Sea ice.
 Ice age, *see* Glacial period.
 Ice cream, ices, etc., industry, sources of information, 6881
 Ice crystals:
 nucleation and growth, 4552
 surface abrasion, application of thermal etching to study of ice etching, 1636
 Ice Harbor Dam, fish passage reports, 667, 11888
 Iceland:
 agricultural commodities, agreement, 8084, 15374
 general information, 1632
 labor conditions, 13635
 lights and fog signals, lists, 2483, 7960, 12408
 Ichiban, *see* Critical assemblies.
 Ichthyology, *see* Fish and fisheries.
 Ichthyophthirius multifiliis, fish disease, 11968
 Icing resistance, lubricants for aircraft ordnance, factors affecting, 2500
 ICO, *see* Interagency Committee on Oceanography.
 ICY, *see* International Cooperation Year.
 Idaho:
 census of business, selected services, area statistics, errata, 197
 climatological data, 2751
 congressional districts, 90th Congress, 17013
 county business patterns, 227, 15578
 errata, 5463
 electric rate book, 708
 Jefferson Soil Conservation District, water from mountain snowmelt irrigates potatoes (colored poster), 9671
 life tables, 18020
 manufacturing plants, location by county, industry, and employment size, 1963
 census, 14260
 Mead Peak, phosphate samples, petrographic and flotation studies, 9374
 phosphate industry and its resources, evaluation, 13691
 precipitation data, hourly, 3045
 south-central, Douglas-hr, initial vegetal development following prescribed burning, 16337
 southern, ponderosa pine, pine butterfly defoliation, 16325
 water supply outlook and snow surveys, 3689
 women, labor laws, summary, 14090
 Idaho Springs district, Colo., economic geology, 9011
 Ide, Donald C., selling in Lebanon, 11520
 Identical bidding in public procurement, 5th report of Attorney General under Executive order, 10936, 17797
 Identification:
 aircraft and related products, Federal aviation regulations, changes, 5918, 14601
 Federal item identification guides (FIIG) improvement program, general conference, 11848
 identification of individuals through photographs, USSR study, 16505
 item identification, supply cataloging manual, 603
 Ideology:
 and religion problems in USSR, 13586
 Islam, overcoming, USSR study, 4598
 poisonous, of the Baptists, USSR view, 7577
 United States ideological offensive in winning cold war—
 hearings, 513
 report, 4090
 print additional copies, report, 17195
 IEEE, *see* Institute of Electrical and Electronics Engineers, Inc.
 IESC, *see* International Executive Service Corps.
 FF radar (Identification, Friend-or-Foe), *see* Display systems.
 IFR, *see* Instrument flight rules.
 Igneous rocks, beryllium content of volcanic rocks, 9012
 Ignition:
 coal mine refuse, burning, control, 9379
 heated dust dispersion, thermal phenomena, 13695
 hot gas ignition temperatures of hydrocarbon fuel vapor-air mixtures, 17866
 incendivity of explosives to coal dust, improved method for evaluating, 16573
 kinetics of carbon monoxide-oxygen reaction, 16706
 see also Combustion.
 Ignitrons, compact SCR trigger circuit, for ignition switch operates efficiently, 1222
 Iguanids, *see* Lizards.
 IGY, *see* International Geophysical Year, 1957-58.
 Ike, A. F., jr., sycamore produces viable seed after years, 16330
 IKM, *see* Radio pulse code modulation.
 Ileum, *see* Intestines.

- Illinois:
allocation of school facility costs to federally assisted urban renewal projects, GAO report, 6002
climatological data, 2751
county business patterns, 1717, 5464
electric rate book, 11928
flow characteristics of oil-producing sandstones, laboratory evaluation, 12258
four inert dusts on stored shell corn for protection against insects, progress report, evaluation, 14108
health services grants made by PHS, administration, GAO report, 13380
life tables, 18021
manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
mineral districts, regional structure, 6029
mineral industry, minerals yearbook chapter, 2327
Ogle County Soil and Water Conservation District, parallel-terraced alfalfa field (colored poster), 9672
postal map, 13931
precipitation data, hourly, 3045
timber resources, 7463
- Illinois Central RR., accidents, 6098-99
- Illness, *see* Sick.
- Illumination, *see* Lights and lighting.
- Ilmenau Technical College, Institute for Precision Engineering, satellite camera development, 1033
- ILO, *see* International Labor Organization.
- Image (psychology):
team procedures in image interpretation, 14234
- Image interpreters:
ability to adapt output to varying requirements for completeness and accuracy, 12667
selection battery, development, 9915
- Image tubes, image converter tube for middle infrared with photoconductive layer and photoemissive layer juxtaposed, the Serval, 13505
- Immersion:
effects on orthostatic tolerance, 11378
near-drowning, pathophysiology and treatment, 14996
water, technique for study of mobility of pressure-suited subject under balanced-gravity conditions, 4900
- Immigration and emigration:
applications for adjustment to permanent resident status filed prior to Dec. 1, 1965 by natives of Western Hemisphere, permit Attorney General to adjudicate, report, 12972
coolie trade laws, repeal, report, 15910
immigration and nationality act, amend—
hearings, 14430, 14496
print additional copies, reports, 500, 562
law—
explanation in question-answer form, 520
summary, 522
report, 12972
immigration and nationality act, text including amendments, 10254
Investigation—
authorization, report, 4191
report on findings, etc., 5781
laws, administrative decisions, 4542
indexes, 12039, 14762
national origins system for selection of U.S. immigrants, abolish—
hearings, print additional copies, reports, 500, 562
law, summary, 522
Polish emigre writings, critique of historical authenticity of published documents, 7590
- Immigration and emigration—Continued
publications, price list, 1407
Ukrainian nationalist emigres denounced as enemies of Ukrainian people, USSR study, 2193
- Immigration and Naturalization Service:
annual report, 7501
I & N reporter, 3049
immigration patrol inspector, examination announcement, 11497
interim decisions, 3070
- Immigration border patrol, *see* Border, Patrol, Immigration and Naturalization Service.
- Immunity, chemical protection against radiation damage to immune response in mouse spleen cells, 15494
- Immunization:
and viral aerosols, USSR studies, 14891
guinea pigs against plague, smallpox, etc., USSR studies, 10834
information for international travel, 1425
- Immunoelectrophoresis, antigen concentration and nonreacting additives influences on mobility and diffusion, 12646
- Immunology:
immunological specificity of host proteins under effect of some antibiotics, USSR study, 7620
space problems, USSR study, 4647
- IMP, *see* Interplanetary monitoring platform.
- IMP, intra-industry management program helps business help itself, 8018
- Impact:
and puncture-resistant material protects parts from damage, 15105
high-fineness-ratio projectiles into thick targets, 7841
high-velocity, craters in ablative heat-shield materials, determination of temperature and material effects, 16689
hypervelocity—
dimple, spall and perforation characteristics in aluminum, columbium, and steel plates, 12350
into stainless-steel tubes armored with reinforced beryllium, 13826
impact-light-flash at high velocities, experiments, 7738
multiple-impact study of energy absorption, errata, 1179
oblique, of solid body on soil, USSR study, 16429
pressure waves generated in water filled tanks impacted by high-velocity projectiles, 4912
projectile-induced fracture of liquid-filled tanks, 11076
terrestrial impact structures, bibliography, 16256
testing of long travel shock mounts, 5378
- Impact limiters, balsa, practical limits, 4924
- Impacted areas, *see* Schools.
- Impactors, electrically operated, for hydrometeor sampling, 8245
- Impedance:
lead-impedance and waveform effects of linear class B audio amplifier output-power capability analysis, 16758
microwave, measurements and standards, errata, 5008
- Imperial Council of Ancient Arabic Order of Nobles of Mystic Shrine, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
- Imports:
articles imported, reports to include landed value, hearings, 16183
by air, foreign trade reports, 2996-97, 3002
competition (remarks), 336
consumption and general imports, 5502, 8372
announcement and order form, 11480
tariff schedules, commodity by country, 9970

Imports—Continued

detentions, food, drug, and cosmetic products, report, 3465
 foreign trade—
 reports, 2994, 5502, 8372
 summary reports, monthly, 3642, 3645-47, 3649
 free and dutiable goods and average rates of duty, 5552
 general, foreign trade reports, monthly, 8365
 quantitative restrictions and quotas as cited in tariff schedules of U.S., 1510
 statistical classification, schedule W, 8369
 total trade, summary reports, monthly, 3649
 trade by—
 commodity, summary reports, monthly, 3645
 country, summary reports, monthly, 3646
 customs district, summary reports, monthly, 3647
 U.S. commodities as related to output, 6939, 17018
 United States airborne foreign trade, customs districts by continent, summary report, 11481
 United States trade with major world areas, 15648
 working-day and seasonal adjustment factors and months for cyclical dominance (MCD), 3940
see also Tariff—*also* names of classes of articles imported—*also* names of countries, etc.

Improving sawmill profits through operations research, 4476

Impulse and thrust test of sublimating-solid micropropulsion system, 6432

In these hands, story of air traffic control, 16268

In your service, work of Uncle Sam's forest rangers, 1582

Inauguration of the President, *see* President of United States.

Incendivity, *see* Ignition.

Incentive payments, differential monetary rewards, effects on 6 uninterrupted hours of monitoring, 3794

Income:

and resources, simplified methods for consideration, 4348

consumer expenditures and income—

 rural farm population—

 north central region, 14117

 northeastern region, 15438

 southern region, 14118

 United States, 12590

 western region, 25, 12589

 rural nonfarm areas—

 north central region, supp., 2289

 northeastern region, supp., 1089

 southern region, supp., 2290

 United States, supp., 6255

 western region, supp., 2291

 urban and rural, 1960-61—

 north central region, supp., 7662

 northeastern region, supp., 10854.

 12207

 southern region, supp., 7663

 tables, 2292

 total north central region, 10855

 total southern region, 13591

 total western region, 10856

 United States, 10857, 12208

 western region, 9205

 consumer income—

 families and unrelated individuals, 1964, by metropolitan-nonmetropolitan residence, 8364

 series, 8364, 14277, 15592

 family, 1965 median, 14277, 15592

Income—Continued

 farm—
 costs and returns—
 commercial Corn Belt farms, 14533
 commercial egg-producing farms, New Jersey, 621, 14532
 commercial tobacco farms, coastal plain, North Carolina, 10412
 commercial tobacco-livestock farm, Bluegrass area, Ky., 14531
 commercial wheat farms, Pacific Northwest, Northern and Southern Plains, 14530
 western livestock ranches, 14529
 increased, outlook (address), 3739
 situation, 2908
 social security payments, effect, 18100
 farmers, self-employed, reporting income for social security, special information, 9655
 income loss protection against short-term sickness, 1948-64, 1472
 low income—
 families—
 home economics program assistants, training, 62
 women's earnings, 2634
 life styles, 14078
 old age income assurance, issues and alternatives, 17153
 older people, 1964, supp., 2623
 per capita money income, 1959, by counties of United States, map, 9971
 railroads, selected items, 3506
 tax returns statistics—
 corporations, 7521
 fiduciary, gift, and estate tax, 4570
 individual, 6072, 13437
 unrelated debt-financed, of tax-exempt organizations, impose tax, hearing, 15997
 western livestock ranches, effects of changes in grazing fees, 4279
 see also subject from which income is derived.

Income tax:

 bank holding company act, treatment of distributions pursuant to, report, 17536
 contributions to needy older relatives, tax consequences—
 hearing, 14469
 report, 17534
 corporations outside D.C. making loans secured by D.C. property, clarify status—
 law, 15761
 report, 12905
 deductibility of accrued vacation pay, extend time, reports, 17221, 17524
 deductions—
 contributions to certain organizations for—
 changes in State constitutions, report, 13162
 judicial reform, report, 5658
 farmers, depreciable property, assessments for soil or water conservation or drainage districts, report, 17334
 organizations, contributions to which are deductible, list, supplements, 2813
 pension and profit sharing plans, self-employed individuals, contributions, report, 10174
 reserve for certain guaranteed debt obligations, reports, 15936, 17523
 District of Columbia—
 increase—
 hearings, 1936, 8771, 13026
 law, 15777
 report, 10283
 withholding by Federal agencies, regulations, rescission, 15396
 double taxation, convention with—
 Belgium, protocol, report, 1887

INDEX 1966

Income tax—Continued
 double taxation, convention with—con.
 Belgium, supplementary protocol, 13074
 Germany, Federal Republic, protocol, report, 1887
 Israel, 13073
 Netherlands—
 agreement, 16865
 tax protocols, report, 13087
 Philippines, 13071
 Thailand, 13072
 ratification, hearings, 576
 United Kingdom, protocols, report, 13087
 employer's tax guide, 854
 exemption for combat pay of commissioned officers, increase—
 message from the President, 17162
 report, 17307
 exemption of nonprofit corporations providing reserve funds for building and loan associations—
 law, 5578
 report, 4167
 farmer's guide, 2117
 graduated withholding and speedup of corporate taxes—
 hearings, 4151, 5804
 law, 7032
 summary, 7170
 legislative history, 17399
 reports, 5659, 5665, 7086
 Senate amendments, summary, 8687
 summary, 7211
 indirect stock purchases, treatment, report, 17309
 information for visitors to United States, 2126
 IRS looseleaf regulations system, 858-59, 2119-20, 3166, 4562-63, 6069, 7517-18, 10679, 13436, 14776, 17742-743
 liability on savings bonds, some legal aspects, 2549
 military personnel, reporting of taxable income and withholdings, GAO report, 13382
 mortgage guaranty insurance companies reserve funds, treatment, report, 17536
 personal income taxes, Federal-State coordination, 3723
 per-unit capital retains, tax treatment by cooperatives and patrons, 4352
 returns, filing directly with Internal Revenue centers—
 report, 17226
 written statements by individuals and organizations, 17401
 returns, statistics—
 corporations, 7521, 9049
 individuals, 6072, 13437
 partnerships, corporations reporting depletion allowances for mineral production, 7520
 self-employed retirement deduction for 1964, Treasury Dept. report, 14445
 small business corporations, amend internal revenue code—
 law, 8465
 reports, 5649, 7176
 State—
 and territorial, withholding on compensation of Federal employees, regulations, rescission, 15395
 withholding from salaries of Federal employees, regulations, rescission, 15397
 supplementary convention with Netherlands, 1714
 supplementary protocol with Great Britain, message from the President, 10277
 suspensions of investment credit and accelerated depreciation—
 hearing, 17400
 reports, 15932, 17341, 17537
 teaching taxes program, general, teacher's guide, 2128

Income tax—Continued
 travel, entertainment and gift expenses, rules for deducting, 2123
 treatment—
 casualty losses attributable to major disasters, etc., reports, 1837, 17562
 exploration expenditures in case of mining—
 law, 15747
 reports, 5648, 13154
 expropriation loss recoveries—
 law, 8460
 report, 8728
 income resulting from lapse of options written as parts of straddles, report, 4153
 treble damage payments under antitrust laws, staff study, 535
 uniformed services retirement pay, election of annuities for survivors—
 law, 5590
 report, 5768
 unrelated debt-financed income of tax-exempt organizations, impose, hearing, 15997
 your Federal income tax—
 announcement and order form, 17997
 individuals, 864
 Incremental or one-trial learning of verbal series, 83
 Indemnity:
 Price-Anderson provisions of atomic energy act, amend—
 hearings, 15778
 law, 17135
 reports, 15913, 15926, 16135
 Independent offices, *see* Government offices.
 Inderdohnen, John F., small business location and layout, 6598
 Index digests:
 consolidated, of I.C.C. reports, motor carrier operating rights, 867
 procurement legal service pamphlets, cumulative index-digest, 12657
 Index numbers, mineral industries, 1111
see also subjects, e.g. Production.
 Indexes:
 aerospace medicine and biology, bibliography, 10889, 10982
 agricultural research (periodical), v. 4-6, 1955-58, 6
 AMC publications and blank forms, military, 5340
 Antitrust Subcommittee publications, 7154
 armed services papers, 1845
 Atomic Energy Commission, news release, 6850
 author index, particles and fields research, bibliography, 12291
 broadcasting stations of world—
 amplitude modulation—
 frequency, 14687
 indexed by country and city, 14686
 frequency modulation, by country, city, frequency, 14688
 television, 14689
 catalog of investment information and opportunities, 6076
 southeast Asia supplement, 16383
 Civil Defense Office publications, 5511
 Civil War military operations, prospectus, 14313
 code of Federal regulations, 11930
 Commerce Department publications, 1964 supplement, 364
 congressional record—
 daily, 2782
 88th Cong., 2d sess., bound volume, 1782
 court-martial reports, opinions cited, etc., 10384
 Czechoslovak laws, regulations published in Sbirka zakonu CSSR, 1965, 9139
 Defense Department, specifications and standards, 3055, 14519

Indexes—Continued

Defense Supply Agency, publications, forms, etc., 4245, 10390
diabetes literature, 7928
digest of public bills and resolutions, 2855
electromechanical transducers, bibliography, 6359
Employees' Compensation Appeals Board decisions, index digest, 11885
English teaching forum, 1526
ERIC catalog of selected documents on disadvantaged, 16226-227
Federal item identification guides for supply cataloging—
 alphabetical index of names, 4252
 numeric index of description patterns and item name codes, 5850
Federal register, 2957
Federal specifications and standards, 3052, 7426
Federal supply classification—
 alphabetic index, 2964, 4243
 numeric index of classes, 4242
 supplement, 2963
flood damage prevention, bibliography, 15389
fundamentals of electronics, transparencies, 15244
geographical, of Thailand, 1026
Government-wide index to Federal research & development reports, 3025, 12759
hearings—
 National Aeronautics and Space Administration, 1967, authorization, 11683
 war on poverty as it affects older Americans, report, 11780
Immigration and Naturalization Service, administrative decisions, 12039, 14762
index medicus, 3050
 cumulated, 12394
 journals indexed, list, 9564
JAG journal, 1073
journal of executive proceedings of Senate, 89th Cong., 1st sess., 4156
Judge Advocate legal service, Army pamphlet, 5354
languages and dialects, classification, Library of Congress, 4740
management issuances, NASA policy directives, NASA management instructions, 1178
Maritime Administration, Maritime Subsidy Board, National Shipping Authority, current regulations, 12231
medical and veterinary zoology, 5274, 8133, 16918
military periodicals, Air University Library, 2664
Le Monde, 3054
NASA tech briefs, 6356, 15083
National Institutes of Health library translations, 1965 supplement, 13977
Navy officer classifications manual, 5063
nuclear science abstracts, 3285
 cumulative report number, with public availability citations, 3857, 6871, 8302
Oak Ridge National Laboratory, master analytical manual, 9925
organization of Congress, hearings, 14368
output per man-hour—
 concrete products industry, 4716
 hosliery industry, 14968
Patent Office, to classification, 17984
patents, 7980
pesticides documentation bulletin (periodical), 3322
photonuclear data, 7915
planetary atmospheres, continuing bibliography, 15091
plant virus diseases, 11346

Indexes—Continued

proceedings of National Museum, 16735
renegotiation rulings and bulletins, 15318
Russian accessions, 3214
scientific and technical aerospace reports, 3493
Social Security Administration research reports and research and statistics notes, 9633
La Stampa and La Stampa sera, 3053
surface water records to Dec. 31, 1963—
 Alaska, 2100
 Hudson Bay and upper Mississippi basins, 2098
 North Atlantic slope basin, 4515
 Ohio River basin, 2096
 Pacific slope basins in Washington and upper Columbia River basin, 2099
 St. Lawrence River basin, 2097
 south Atlantic slope and eastern Gulf of Mexico basins, 2095
TFX contract investigation, hearings, 10348
trademarks, 11167
tuberculosis beds in hospitals and sanatoria, 13998
water pollution control research and training grants, 1962-64 publications and reports, 10517
weather stations, 16748
Yards and Docks Bureau publications, 8119
Indexing :
 cooperation, etc., among information systems, literature review, 11091
 method, gear drive automatically indexes rotary table, 15113
India :
 accessions list, Library of Congress American Libraries Book Procurement Center, New Delhi, 3059
 ✓ agricultural commodities, agreement, 2583, 5165, 8069, 9735, 10683
 amateur alien radio operators, authorization to operate, agreement, 15373
 ✓ background notes, 8045
 ✓ cotton, 2055
 economy, basic data, 4005
 food supply, increasing, and strengthening economy, message from the President, 8499
 mineral industry, minerals yearbook chapter, 2328
 national industry development, and status of worker class after independence, 4597
 ✓ refugee problems, report, 14389
 ✓ relieve hunger victims, U.S. participation—
 ✓ hearings, 8762, 11636
 law, 11549
 reports, 8594, 8737
 Soviet journalists' trip, report, 10800
 ~ special study mission report, Nov. 7-Dec-12, 1965, report, 7099
 visit by Senate delegation, report, 5811
 west coast, sailing directions, change, 6520
Indian Affairs Bureau :
 appropriations, 1967, hearings, 7113
 Commissioner, nomination of Robert L. Bennett—
 hearing, 7217
 report, 10278
 improvement of programs for Indians (remarks), 10669
 Navajo Tribe of Indians, management of tribal funds, need for effective guidance, GAO report, 11999
 need for improvements in management of moneys held in trust for Indians, GAO report, 6013
 press releases, 3377
 recovery of Gov't. expenditures incurred in management of Indian forest enterprises, GAO report, 7467
 report, 7506

Indian Affairs Bureau—Continued
 school construction standards, savings attainable through revision, GAO report, 9002
 unauthorized acquisition of passenger vehicles, GAO report, 811
 vehicle management, need for improvement, GAO report, 7468

Indian Claims Commission:
 appropriations, 1967
 hearings, 7113, 8763
 law, 10086
 reports, 8592, 10281
 cases before, revolving fund to finance assistance, increase authorization—
 law, 17107
 reports, 14393, 17483
 termination date, extend, reports, 14396, 16124

Indian Health Division, general practice residency program, 7991

Indian lands:
 appraisers, Justice Dept. need to improve contracting procedures, GAO report, 13374
 fractional interests in trust and restricted allotments, reduce number, hearings, 13043
 heirship problems, amend law, report, Interior Department decisions, 3071
 16125
 long-term leasing act, amend rel. to Pyramid Lake Reservation—
 law, 10059
 report, 8599
 see also names of Indian tribes or reservations.

Indian Ocean:
 Arabian-Indian ridge, serpentinites from crest, 12189
 atlas of bathythermograph data, 15231
 explorations of survey ship, USC&GS Pioneer—
 cruise narrative and scientific results, 11503
 oceanographic stations, BT observations, and bottom samples, data report, 15636
 lights and fog signals, list, changes, 2481, 9583, 13896, 17970
 notice to mariners, 3279
 radio navigational aids, changes, 1339
 5057, 9585, 13898
 radio weather aids, 5058, 7961, 13899
 tide tables, 12764

Indian Ocean Expedition, see International Indian Ocean Expedition.

Indian reservations:
 map of United States—
 showing Indian reservations, etc., 13651
 showing national forests, announcement and order form, 17999
 offenses, committed by Indians, amend U.S. Code, report, 17554
 water supply of Indian reservations (series), 824
 see also names of reservations.

Indian schools, construction standards, revision to avoid excess seating in dining facilities, GAO report, 9002

Indiana:
 aeroradioactivity survey and areal geology, 11418
 Camp Atterbury, legislative jurisdiction, retrocede to—
 hearing, 17360
 report, 12995
 census of business, 1963, retail trade, area statistics, errata, 3875
 climatological data, 2751
 congressional districts, 90th Congress, 15603
 county business patterns, 1718, 5465

Indiana—Continued
 donation of George Rogers Clark Memorial, accept—
 law, 15707
 reports, 10179, 13141
 flow characteristics of oil-producing sandstones, laboratory evaluation, 12258
 health grants made by PHS, financial administration, GAO review, 16347
 life tables, 18022
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
 medical assistance for the aged, under social security act, 11905
 mineral industry, minerals yearbook chapter, 1125
 postal map, 13932
 Orange County Soil and Water Conservation District, French Lick Watershed Reservoir and Recreation Area (colored poster), 9673
 precipitation data, hourly, 3045
 statehood, commemorative stamp (poster), 6562
 Stringocephalus in Devonian of Indiana, 11224
 women, labor laws, summary, 2630
 women workers, 5253

Indiana Dunes National Lakeshore:
 establish—
 hearings, 5695, 10248
 reports, 12980, 15923

Indiana University, mass spectrometer, duty-free entry, 17184

Indianapolis, Ind.:
 area wage survey, metropolitan area, 7667
 principal electric facilities, map, 7375

Indians:
 affairs, 1965, progress report, 7506
 Arizona tribes, general information, 12041
 California—
 general information, 16368
 judgment funds, disposition, hearings, 14427
 Central Plains, general information, 16369
 children, picture story book, 13423
 civil actions by tribes in district courts, remove limitation—
 law, 17127
 reports, 17236, 17482
 code of Federal regulations, 11933
 constitutional rights, hearings, 1942
 Dakotas, general information, 14763
 dental services, fiscal year 1965, annual report, 6573
 education, 1965, statistics, 4547
 famous, collection of short biographies, 17734
 Federal facilities, reports, 11788, 13192
 forest enterprises, recovery of Gov't. expenditures, GAO report, 7467
 Gulf Coast tribes, general information, 14764
 health pediatrics residency program, 2524
 health program—
 Operation SAM, systems analysis module for development, 15292
 Public Health Service, 11190
 Indian education (periodical), 12040
 Indian health highlights, 15284
 Indian leader (periodical), 3060
 Indian school journal (periodical), 3061
 loans, guaranteed and insured, for financing economic enterprises, reports, 17211
 Montana & Wyoming tribes, general information, 14765
 music, 4545
 need for improvements in management of moneys held in trust, GAO report, 6013
 New Mexico tribes, general information, 14766
 North Carolina, culture and civilization, 7507

- Indians—Continued**
 Northwest tribes, general information, 14767
 offenses committed in Indian country, amend U.S. Code, report, 17534
 Oklahoma, culture and civilization, 4546
 preventive medicine, residency program, 6574
 publications, price list, 16787
 ready to move forward at faster pace (remarks), 10669
 revolving fund, assistance in cases before Indian Claims Commission, increase authorization—
 law, 17107
 reports, 14393, 17483
 revolving loan fund, amend law, report, 16125
 teen-agers, college and technical training opportunities, 13425
 tribal relations with Federal Government, 1965-66, report, 13192
 see also headings beginning Indians—also names of reservations or tribes.
Indicators, fuel moisture content of indicator sticks from weather variables, 10606
 see also Depth indicators—Direction indicators—Gas indicators—Temperature indicators.
Indonesia:
 accessions list, Library of Congress American Libraries Book Procurement Center, Djakarta, 3062
 agricultural commodities, agreements, 15361, 16860
 health information for travel, 6579, 16795
 mineral industry, minerals yearbook chapter, 4765
 political history and Oct. 1 coup, Swedish leftist view, 14902
 report, 9115
 situation, Soviet literary gazette comments, 9168
 Soviet-Indonesian economic cooperation, 6176
Inductance, inductive system detects level of conducting fluids, 15122
Induction furnaces, hydrogen-atmosphere, increased temperature yield, 6381
Induction heating, auxiliary coil controls temperature of RF induction heater, 6393
Induction processed separable tubular brazed connectors, 12273
Industrial accidents, see Accidents.
Industrial agreements:
 adjustment assistance by certain workers, General Motors Corp., Grand Rapids, Mich., Tariff Commission report, 11288
 wage calendar, 1966, major agreement expirations and reopenings, 4737
Industrial arbitration:
 collective bargaining agreements arbitration procedures, 10858
 compulsory arbitration, 1951-66, selected references, 6249
 railroad arbitration board, law, administration, hearings, 5802, 13197
 State legislation, mediation laws, summary, 4707
Industrial arts:
 education—
 learning art of industry, 11875
 survey of programs, teachers, students, and curriculum, 13274
 teachers, advanced study, national defense institutes, manual, 5877
Industrial College of Armed Forces:
 catalog, 16387
 catalog of publications, 26388
 correspondence course offered on national security management, 2144, 13445
 information booklet, 4586
 monograph publication R series, 16388
Industrial College of Armed Forces—Con.
National Security Seminars—
 information guide for conduct of, 13444
 presentation outlines and reading lists, 2145, 14787
 prospectus, 13446
Industrial defense, see Civilian defense.
Industrial designers, employment outlook, 9223
Industrial diamonds, see Diamonds.
Industrial districts, water resources of industrial areas (series), 823
Industrial dryers, see Dryers (industrial).
Industrial education, see Technical education.
Industrial engineers:
 employment outlook, 9236
 hygiene, syllabus for short courses, laboratory manual, 16802
Industrial equipment, see Production equipment.
Industrial health, see Health.
Industrial hygiene, see Hygiene.
Industrial instruments:
 and equipment Japan, 4014
 exports, 1959-65, analysis, 9940
Industrial machinery, see Machinery.
Industrial management:
 civil defense, special instruction for business and industrial executives, 17026
 control of social processes and cybernetics, USSR study, 1053
 IMP, intra-industry management program helps business help itself, 8018
 Latvian plants, cybernetic methods applied to production management, USSR study, 12185
 management problems from viewpoint of cybernetics, USSR study, 1052
 management rights, major collective bargaining agreements, 9206
Industrial mobilization, see Industry.
Industrial parks, planning airport industrial park, 105
Industrial plants, see Plants (industrial).
Industrial production, see Production.
Industrial referral service, 1764
Industrial relations:
 BLS studies, 1954-65, directory, 2304
 labor-management relations (Taft-Hartley) act—
 amend, hearing, 17590
 amended by Public law 86-257, 1959, text, 2463
 national emergency disputes, 9332
 repeal of sec. 14(p), report, 1833
 labor management reporting and disclosure act—
 amended, text, 4695
 summary of operations, 7648
 national labor relations act—
 amend, report, 8543
 amend sec. 8(a)(3), report, 1833
 amended through 1959, summary, 2462
 exercise in industrial democracy (address), 11119
 Post Office Department and AFL-CIO, agreement, 16779
 publications, list, 3262
 right-to-work and union security, selected readings and references, list, 2286
 State labor relations acts, summary, 4706
 State legislation, mediation laws, summary, 4707
 unfair labor practices, case developments, quarterly report, 3445
 union-management cooperation, major collective bargaining agreements, 9206
Industrial safety, see Safety of life.
Industrial security, see National security.
Industrial services for nursing home industry, 4332, 7328
Industrial waste, see Waste products.
Industrial workers, see Labor.
Industries, see Industry—Manufactures and manufacturers—also names of industries.

Industry :
aesthetics and cybernetics, application, USSR study, 14802
Air Force/industry data management symposium, Sept. 28-30, 1965, proceedings, 3791
air pollution and industrial poisons, USSR studies, 898
air pollution as related to industrial development (paper), 13956
American—
funds for research and development, 1964, preliminary report, 7951
profit sharing industries, part of enlightened management (address), 319
real opportunity and challenge of change of progress (remarks), 10044
technological trends in major industries, 13607
American Samoa, minimum wage rates, data, 5218
basic research, applied research, and development industry, survey, 7950
final report, 16740
Bulgarian National Assembly's permanent commission, progress noted at session, 14052
civil defense seminars, handbook on how to plan, organize, etc., 289
Communist China, translations, 3596
concentration and efficiency, hearings, 1943
current industrial reports, 246-265, 1731-35, 2817-18, 3179, 3920-24, 5472-85, 6920-23, 8351-57, 9962-63, 11463-466, 12707-723, 15581-590, 17006
cybernetics in, USSR study, 12130
defense industry bulletin (periodical), 2844
electronics, implications of reduced defense demand, 110
fire safety today, 16352
Government-industry cooperation (address), 15562
growth country for industry, living country for you, 12601
heavy East European, translations, 3603
India's national development, status of worker class, etc., 4597
industrial civil defense protection of vital records, 15622
industrial instruments and equipment, market in France, 1773
industrial mutual aid association for civil defense, handbook on how to organize, 12742
industrial outlook, 1694
industrial referral service, 1764
industrial research and development funds, geographic distribution, 2477
industrial technology—
Government must foster for industry (address), 4000
training programs, compendium, 10018
industry reports, 2746, 2789, 2795, 2798, 3228, 3416, 3433
internal cost accounting of industrial enterprise, Bulgarian study, 13582
invitation to join in research, 6475
joint industry promotional funds, employer contributions, hearing, 17590
mobilization plans (remarks), 5434
mobilization, review, hearing, 453
planning, USSR study, 6198
plans for progress program, 12198
practices and policies in employment of youth, 1540
profiles, catalog of investment information and opportunities, supplement, 9052
question and answers, QA-IND series, 15417
radioisotopes and ionizing radiation, uses and trends, 150
radioisotopes in industry, 1688

Industry—Continued

safety of life, mechanical and physical hazards series, 14965
socialism, financing and crediting of social enterprises, Bulgarian study, 13581
statistics in industry, USSR book review, 7591
statute on socialist state industrial enterprise in USSR, 890
technical assistance, foreign programs, compendium, 10017
toxic substances used, effect on living organisms, 1016
TVA area, Development, 11292
USSR—
bonus fund for workers, 4668
data processing systems, 10790
new directions in Soviet economy, 12844
sanitary classification and minimum protective zones, 9123
statistics, 2181
USSR development, translations—
automotive industry, 3658
chemical industry, 3659
chemical machine building, 3660
construction machinery, 3661
electrical equipment, 3662
ferrous metallurgy, 3663
general information, 3656
machine industries, 3657
metalworking equipment, 3664
nonferrous metallurgy, 3665
power machinery, 3666
precision equipment, 3667
regional economy, 3668
tractors and agricultural machinery, 3669
Virgin Islands, report, findings of fact, and recommendations, 1533
wage survey—
banking, 2302
candy and other confectionery products, 16537
cigarette manufacturing, 4732
communications, 4729
contract cleaning services, 12220
cotton textiles, 14979
fabricated structural steel, 2298
fluid milk, 4719
footwear, 13617
hosiery, 1090
machinery manufacturing, 7670
nonferrous foundries, 10873
nursing homes and related facilities, 9335
paints and varnishes, 17812
paperboard containers and boxes, 9331
petroleum refining, 17813
synthetic textiles, 17809
west coast sawmilling, 2296
women's and misses' coats and suits, 13619
wood household furniture, except upholstered, 10872
Western Europe, retraining and labor market adjustment, 1080
womanpower, shortage or surplus? assessment in Boston, conference report, 16912
working conditions, effect upon workers, USSR study, 998
see also Manufactures and manufactures—also names of industries.
Inelastic deformation of rock under hemispherical drill bit, 16582
Inert-gas welding and brazing enclosures fabricated from sheet plastic, 1214
Inert gases, see Noble gases.
Inertia :
convective, flow and pressure field analysis of parallel groove geometry, etc., 15201
system for inertial experiment pointing and attitude control, 15202
Inertia, moments of, see Moments of inertia.

Inertial guidance, optical-inertial space sextant for advanced space navigation system, 10964
 Inertial navigation, *see* Navigation.
 Infants:
 babies look and learn, guide for parents, 6772
 babies touch, taste, and learn, guide for parents, 6771
 breast feeding your baby, 3943
 guarding health, USSR studies, 9074
 infant care, story of development of best-seller, 278
 mortality—
 rates for birth cohorts, 6584
 trends, United States and each State, 1441
 United States, 18082
 white and nonwhite infants in major U.S. cities, 4536
 neonatal respiratory adaptation, conference, proceedings, 18062
 play games with baby, guide for parents, 6770
 sudden death, conference on causes, proceedings, 13994
 talk with baby, guide for parents, 6773
 weight at birth and survival of newborn, by age of mother, etc., U.S., 1442-43
 Infection:
 administration of polyvinylpyrrolidone for prolongation of effect of monomycin in infectious foci, USSR study, 6124
 experimental infection of gamasid ticks with causative agent of anthrax, USSR study, 13454
 mixed, with aerosol of viruses of ornithosis and influenza, USSR study, 12182
 shortleaf pine seedlings by *Phytophthora cinnamomi*, testing resistance, 5986
 Infectious diseases, *see* Contagion and contagious diseases.
 Infectious pancreatic necrosis (IPN) of Salmonid fishes, 8940
 Inflammable materials:
 flammability characteristics of—
 halogenated hydrocarbons, 9371
 trichloroethylene, 9385
 flammability in zero-gravity environment, 17932
 flammability properties of hydrocarbon fuels, 5071
 household use, regulate, labeling, etc., law, text, 10549
 Inflatable holding fixture permits X-rays to be taken of inner weld areas, 13762
 Inflation (finance):
 and price indexes, 11596
 curbing inflation and preserving economy, message from the President, 17168
 President's anti-inflation program (remarks), 16887
 relieving inflationary pressures (remarks), 17799
 suspensions of investment credit and accelerated depreciation—
 hearing, 17400
 reports, 15932, 17341, 17537
 Influenza:
 A2 and B, outbreaks in 1962, efficacy of live vaccine, USSR study, 4666
 mixed infection with aerosol of viruses of ornithosis and influenza, USSR study, 12182
 USSR 1965 epidemic, etiology, 12103
 Influenza vaccine, epidemiological efficacy of live influenza vaccine during A2 and B influenza outbreaks in 1962, USSR study, 4666
 Information, *see* Public information.
 Information bulletins, *see* names of departments, etc., issuing bulletins.
 Information centers, *see* Information services.

Information Office, Agriculture Dept.:
 appropriations, 1967, hearings, 8648
 11787
 congressional list (series), 849, 6054
 Information series-SV, 7999
 Information services:
 agricultural information staffs in State land-grant colleges and universities, 5926
 Clearinghouse for Federal Scientific and Technical Information, industrial referral service, 1764
 combat information centers, color cathode ray tube displays, 6552
 Educational Research Information Center, advance information, 5872
 information and data centers of National Bureau of Standards, 1292
 information resources in U.S., directory, water, 16544
 Post Office Department, IS series, 1395
 scientific and technical information analysis center, managers, directors, and professional analysts, Ad-Hoc forum—
 directory, 12677
 proceedings, 12676
 Information specialists, agricultural information staffs in State land-grant colleges and universities, 5926
 Information storage and retrieval systems:
 aerial photography in unified system, 11201
 cooperation, convertibility, and compatibility, literature review, 11091
 documentation sponsored by NSF, price list, 7912
 ERIC, how to put two and a half tons of research into one handy little box, 8845
 file organization for large chemical system, 9554
 foreign developments, translations, 2154, 2988
 human factors research in command systems, 16967
 information computer center machine building plant, USSR study, 6190
 keypunch controls for string-punching of statistical data, 5016
 management of data processing equipment, Air Force manual, 8187
 national standard reference data system, information handling, 12387
 need for, and development of interagency management information systems, presentation, 15561
 processing, electroluminescent vs teletype readability of weather messages, study, 6801
 sequential decision making task, timeliness and accuracy, 8274
 statistical association methods for mechanized documentation, symposium, 7913
 STORET II, for open water and land areas, 17671
 Information theory:
 aspects, and its relation to living organisms, 972
 increasing transmission rate of discrete information, USSR study, 12106
 problems of information transmission, USSR periodical, translation, 10751
 requirements for guidance and control systems, 10937
 simplified circuit corrects faults in parallel binary information channels, 12303
 simulation of information theory in neurons, USSR study, 2205
 space communications, information transfer systems, 9530
 transmission of discrete information in phase-keyed channels, USSR study, 17762
 USSR all-Union scientific session devoted to Radio Day, 13562

Information theory in psychology:
time constant involved in attention and
neural information processing, 9402
uncertainty, concept as applied in psycho-
logical research, 3786

Infrared lamps, brooding chicks, 41

Infrared photography:
image converter tube for middle infrared
with photoconductive layer and photo-
emissive layer juxtaposed, the Serval,
13505
meteorological interpretation of Nimbus
high resolution infrared (HRIR) data,
6328

Infrared rays:
Apollo acquisition and tracking system,
16649
flux averaging devices, 2455
gas-fired chick brooders, radiant energy
distribution, 9777
infrared radiation used by high-speed fur-
nace for controlled brazing, 12310
infrared source improvised from flash-
light, 7768
satellite data, use for determination of
sea surface temperature, 9440
wedge immersed thermistor bolometer
measures infrared radiation, 1206

Infrared spectrophotometry *see* Spectropho-
tometry.

Infrared spectroscopy, *see* Spectroscopy.

Infrared spectrum, *see* Spectra.

Infrared television used to detect hydrogen
fires, 13798

Ingebo, Robert D., atomization of ethanol
jets in combustor with oscillatory com-
bustion-gas flow, 15147

Ingestion, radionuclides, soluble, dose to
various body organs, 15532

Inglis, Anthony, bait shrimp industry of
Gulf of Mexico, 13344

Ingots, *see* names of metals.

Ingraham, Samuel C., II, radioisotope facili-
ties in general hospital, 6583

Inhalation, radionuclides, soluble, dose to
various body organs, 15532

Inheritance and succession, inheritance laws,
digest, 11307

Inheritance and transfer tax:
career opportunities, estate tax examiner,
4561
disclaimers, effect on allowance of marital
deduction for estate tax purposes—
law, 17118
reports, 10140, 16129
estate and gift tax liability on savings
bonds, some legal aspects, 2549
estate tax provisions of internal revenue
code of 1939, amend—
law, 5584
reports, 5636, 5755
Federal estate and gift taxation, guide,
12057
IRS looseleaf regulations system, 3167
returns, 1962 statistics of income, 4570

Inheritance comes to P.S. 83, 10425

Inhibitors:
corrosion, use of hot-finished mild steel
coupons for testing, 2343
thermal degradation processes in poly-
siloxanes and stabilization by cerium in-
hibitor, 16759

Injections, propellant injection velocity, ef-
fect on screech in 20,000-pound hydro-
gen-oxygen rocket engine, 7884

Injectors:
dust particle injector for hypervelocity
accelerators provides high charge-to-
mass ratio, 13782
pressurant gas, evaluation during pressur-
ized discharge of liquid hydrogen, 11077

Injuries:
accidental, control programs in local
health department, guide to develop-
ment, 1419

Injuries—Continued
acute conditions, incidence and associated
disability, July 1964–June 1965, in U.S.,
6587
alcohol and accidental injury, conference
proceedings, 10653
coal mines, monthly report, 2753
coal mining, analysis of mine safety fac-
tors, etc., 4756
employment injury benefits, ILO conven-
tion, text, etc., 17159
firearms, etc., mandatory reporting in D.C.
provide reports, 17287
fuel industries, minerals yearbook chapter,
1109
head and face injury potential of airline
seats during crash decelerations, 14243
mineral industries, minerals yearbook
chapter, 2318
oil and gas industry, 15004
plastics in traumatology and orthopedics,
USSR study, 9075
rates in manufacturing industries, 3066
spinal cord, clinical conference, 1964, pro-
ceedings, 6687
spread of injury in somatic muscle fibers,
USSR study, 14932
work injuries and work injury rates in
street and highway department indus-
try, 2295
work injuries to minors, report, 16518
young farmworkers', examples, etc., 14967
see also Accidents—Employers' liability
and workmen's compensation—Motor
vehicle accidents—Radiation injuries.

Inland waterways:
rules concerning sailing vessels, etc.—
hearing, 10335
report, 17313
user act of 1966, proposed legislation,
technical explanation, 7168
waterborne commerce, 676

Inlets, *see* Air inlets (aircraft).

Inman, Robert M., heat transfer to liquid-
metal flow in round tube, etc., in fluid
stream, 12353

Inner Mongolia, *see* Mongolia.

Inner radiation belt, *see* Van Allen radiation
belts.

Inner tubes:
excise tax, impose at manufacturer-owned
retail outlet, hearing, 16184
Federal item identification guides for
supply cataloging, supplements, 2932

Innovation and reform in warfare, 14166

Inorganic compounds:
current industrial reports, 2817
industrial inorganic chemicals, census of
manufactures, 1963, industry statistics,
8333
polymers, adhesive restoration dental ma-
terials, literature survey, 2498
salts, high temperature properties and de-
composition, 17940

Inorganic fibers, *see* Fibers.

INOT, *see* Institute of Scientific Organiza-
tion of Labor, USSR.

Inouye, F. T., properties of large 7079 alu-
minum alloy forgings in cryogenic environ-
ment, 12271

Inouye, Mamoru, numerical solution for
blunt axisymmetric bodies in supersonic
spherical source flow, 7891

Insect attractants, insect control, use of sex
attractants, population models to test
theoretical effects, 9815

Insect pests, *see* Insects.

Insecticides:
concentrates, low-volume mist sprayer for
applying from ground equipment, 9772
insect control on crops, livestock, etc.,
suggested guide, 9814
organophosphorus, poisoning, arterial
pressure conditions at time, USSR study,
17775

Insecticides—Continued
 use in medical practice, USSR studies, 12188, 16418
see also Malathion — Pesticides — *also* names of insecticides.

Insects:
 control—
 crops, livestock, etc., insecticides, suggested guide, 9814
 dry beans and peas in storage, 6740
 protecting, home-cured meat, 40
 sugar beets, 9817
 use of sex attractants, population models to test theoretical effects, 9815
 USSR study, 10726
 cooperative economic insect reports, 2796, 5273
 damage to wheat in small bins, malathion, synergized pyrethrum and diatomaceous earth as protectants, errata, 6754
 deterioration of windthrown timber caused in northern California, 2077
 evaluation of 4 inert dusts for protection against insect attack on—
 shelled corn in Georgia, 14109
 stored shell corn in Illinois, 14108
 stored wheat in Kansas, 14110
 forest, conditions in—
 Pacific Northwest, 10555
 United States, 16321
 individual eggs from egg-mass-depositing insect, obtaining, 14709
 intercepted plant pests, list, 6716
 outbreaks in Oregon and Washington, 787
 pest control, microbiological methods, USSR study, 17754
 pests, deciduous fruits in West, 14130
 publications, price list, 5098
 quarantine notices under Plant quarantine act, P.P.C. series, 3305
 remove pest hazards, restrict or prohibit plant imports, by quarantine, 9832

Insignia, aircraft, recognition identification guide, 13901

Inspection (industrial):
 safety road-checks, Interstate Commerce Commission, 1964-65 data, 16386
 surfactant for dye-penetrant inspection is insensitive to liquid oxygen, 9461
see also names of articles, etc., inspected.

Inspection (military):
 technical inspection and control group at field airbase, USSR study, 12167

Inspection services:
 international airports, Federal facilities, 13387
 ports of entry, costs—
 hearings, 10334
 reports, 14160

Inspector General, Agriculture Dept., appropriations, 1967, hearings, 8648, 11787

Inspectors, poultry, handbook, 13240
see also types of inspectors.

Inspectors (manufacturing):
 employment outlook, 9237

Installations (military):
 American, and NATO bases in France, on-site inspection, subcommittee report, 15961
 arctic and subarctic construction, technical manual—
 general provisions, 9908
 emergency construction, 14227
 site selection and development, 14226, 14228

Army—
 continental U.S., lists, 6837, 16960
 facilities, basic criteria and construction standards, technical manual, 14222
 base closures and reductions—
 hearings, 8656
 subcommittee report, 7123
 community centers, site planning, Army technical manual, 1648
 construction, agreement with Saudi Arabia, 5158

Installations (military)—Continued
 construction appropriations, 1966, supplemental—
 hearings, 5797, 7117
 law, 7031
 reports, 5666, 5757, 7079, 7083
 construction appropriations, 1967—
 hearings, 16172
 reports, 15908, 17311, 17513
 construction authorization, 1966 report, 17199
 hearings, 11642, 11644, 11789, 17358
 law, 15745
 reports, 10306, 12967, 15881
 construction, deferment, hearing, 8655
 construction, deferral of projects authorized and funded for 1966, report, 7122
 continental U.S., transportation services, Army technical manuals, 9911, 15521
 defense base act, 13285
 defense scrap yard handbook, 14516
 DEWline ice cap stations, Greenland, 1963, performance study, 14211
 dining facilities for enlisted personnel, technical manual, 14225
 disposal of sewage and industrial wastes, report, 12913
 military fields, instrument approach procedure charts, 3196
 naval, relief of civilian employees, erroneously in receipt of wages, law, 7034
 naval shore facilities, definitive designs, 1567-68
 productive civilian uses of former Defense Department installations, 4260
 roads, walks, storage areas, geometric design, etc., Army technical manual, 8263
 site planning, general, Army technical manual, 6844, 15516
 thin-shell construction, Army technical manual, 1651
 Walter Reed Army Medical Center, construction authorization, report, 17253

Installment credit:
 commercial banks, holdings, monthly report, 2792
 consumer credit—
 consumer finance companies, 2791
 monthly release, 2790
 require lenders to state full cost of credit, message from the President, 7068

Institute for Telecommunication Sciences and Aeronomy, *see* Telecommunication Sciences and Aeronomy Institute.

Institute of Atomic Physics, Rumania, nuclear installation and computerized weather forecasting, 14841

Institute of Electrical and Electronics Engineers, Inc., short-term frequency stability, IEEE-NASA symposium on definition and measurement, Nov. 23-24, 1964, proceedings, 1196

Institute of Reconstructive Plastic Surgery, New York University Medical Center, facial disfigurement, rehabilitation problem, conference report, 9758

Institute of Scientific Organization of Labor, USSR, activities, 9124

Institutions:
 America's children and youth, demographic analysis, 6943
 criticism of institutes, USSR, 7574
 for the aged and chronically ill, United States, utilization, Apr.-June 1963, statistics, 1440, 6589
 higher education, NIH obligations, 12477-478
 meat purchase specifications approved by USDA, fresh pork, 7242
 rights granted to institutions of higher learning, suggested expansion, USSR study, 14924
 States funds for research, 5836
see also Child welfare institutions.

- Instruction, *see* Education—Programmed instruction—Teaching.
- Instruction reports, Waterways Experiment Station, 677, 1990
- Instructions for representative payee, 1465
- Instructions to travelers on use of foreign currencies, 16987
- Instructors, *see* Air Force—Military Academy, West Point—Teachers.
- Instructor's guide IG series, 8384, 15624
- Instructors' Journal, 3067
- Instrument approach procedure charts, *see* Maps and charts.
- Instrument flight rules:
aviation, air traffic patterns, 10454
enroute air traffic survey, peak day, 10455
IFR altitudes, Federal aviation regulations, 14607
- Instrument flying:
instructor examination guides, 2048, 16269
techniques and procedures, Air Force manual, 6786
- Instrument panels, *see* Panels and paneling.
- Instrument repairmen, *see* Instrumentmen.
- Instrumentation:
and principles for measurement of work-function variations by electron-beam scanning, 2424
biomedical, use of anchor button to secure lead wires, 99
developments, symposium, 16810
journal of research, National Bureau of Standards, 3102, 16713
primary and secondary excitation of low-energy spectral lines, 1161
radiochemical analysis, 5013
systems, minimum permissible leakage resistance established, 15127
unified digital instrumentation and control system for nuclear power plants, feasibility study, 15536
- Instrumentmen, repairmen, employment outlook, 9289
- Instruments:
and laboratory equipment, Federal item identification guides for supply cataloging, supplements, 2936
and related products, census of manufactures, 1963, manufacturing plants, location, 15574
automatic instruments and equipment, production, USSR study, 14928
building, USSR—
engineering psychology, problems, 1st Leningrad conference, 6116
periodical, 3094
progress, 16393
calculates moments of inertia of complex plane figures, 13742
combination and miscellaneous, Industrial plant equipment handbook, 16208
design, application of biological mechanisms, summary report on review, 7737
detection of adenosinetriphosphate, design and fabrication, 7733
determination of carbon below 50 parts per million in metals, calibrate by use of carbon dioxide, 7868
engineering, laboratory, etc., commodity transportation survey, shipper series, 5453
measuring and controlling, liquid and gas, pressure temperature, humidity and mechanical motion, industrial plant equipment handbook, 10387
package, energy requirement for placing under ice, 8236
scientific, industrial and technical, market in France, 1773
selected and related products, 1964 annual data, current industrial reports, 8356
space measurements survey, 13727
transmits vanishing point to illustration point, 13759
see also names and types of instruments.
- Insular possessions, *see* Outlying possessions.
- Insulating board, *see* Corkboard.
- Insulation:
air-cured ceramic coating insulates against high heat fluxes, 1232
aluminized fiber glass insulation conforms to curved surfaces, 4861
blanket, complex thermal, fabrication, simplify by spray-on technique, 6379
broller houses in central Mississippi, field studies, 10
cable and wire, thermoplastic, Federal standard, cancellation, 17665
cork, nylon bit removes without damage to substrate, 9464
cryogenic—
propellant liquid from heat leak by propellant and its sacrificial boil off, 9508
tanks, reduced thickness and weight, 12292
cryostat, vacuum chamber provides improvement, 2387
electrical insulation materials, SNAP 8 radiation effects test program, 7746
electrically conductive fibers thermally isolate temperature sensor, 13784
external, system for liquid-hydrogen tanks of boost vehicles, supersonic aerodynamic heating tests, 7838
foamed-in-place, soluble undercoating facilitates removal, 1220
glass, manufacture of cast microwire, USSR study, 13493
outgassed boron nitride and boron nitride composite, ablative and insulating properties, 17922
reflective insulator layers separated by bonded silica beads, 6396
thermal—
building construction, 8
cryogenic transfer lines, inexpensive, 13783
materials made of foamed refractory oxides, 13730
workers, employment outlook, 9261
- Insulators:
adsorption of cesium, 4810
insulator-holder protects transistors in dense electronic assemblies, 4882
- Insurance:
industry—
impact of office automation, 4730
investigation, hearings, 4226
occupations, employment outlook, 9304
operations, veterans benefits manual, 5207-8
premiums, license and regulate finance companies in D.C.—
law, 8479
report, 8734
publications, price list, 17993
see also types of insurance.
- Insurance companies:
fidelity or surety business in D.C., amend capital stock requirements—
law, 8475
report, 8733
stock, District of Columbia, regulating—
law, 8478
reports, 497, 8735
see also Life insurance companies.
- Insured banks, *see* Banks and banking.
- Insurgency, undergrounds, human factors considerations, 16961
- Integral neutron thermalization, 1677
- Integral skin electrode for electrocardiography is expendable, 7775
- Integrals, *see* Fresnel integrals.
- Integrated telemetry—computer system, 7894
- Integrating spacecraft systems, 7813
- Integration, *see* Race problems.

- Integration (mathematics):**
 integrating orbital equations of motion for use in space navigation, 16687
 one-step methods applied to problems of celestial mechanics, 16708
- Integrators:**
 electronic, for quantitative evaluation of effect of pharmacological agents on motor function of small laboratory animals, USSR study, 953
 fluid amplifier digital integrator, development, 6329
 use in evaluation of brain potentials, 1021
- Intellect, scientists and engineers, application of cybernetics to increase effectiveness, USSR study, 9106**
- Intensity variations of cosmic rays, 6473**
- Interagency Committee on Occupational Classification, Budget Bureau, collection and classification procedures for Federal agencies, etc., progress report, 14245**
- Interagency Committee on Oceanography, ICO pamphlet series, 4865, 17649-650**
- Interagency conference on Continental Shelf research, 8862**
- Interagency coordination in environmental hazards (pesticides), hearings, 4223, 5813, 7214**
- Interagency drug coordination, report, 8759**
- Interagency environmental hazards coordination, pesticides and public policy, report, 13156**
- Interagency training programs, see Government officials and employees.**
- Interagency value engineering task force study of meteorological radiosonde systems, 5853**
- Interama, see Inter-American Cultural and Trade Center.**
- Inter-American Congress of Psychology, symposium, 16791**
- Inter-American Cultural and Trade Center: participation by U.S., provide—
 law, 5581
 report, 5653**
- Inter-American Development Bank: accomplishments and objectives (remarks), 9750
 activities, Jan. 1-June 30, 1965, report, 11612
 appropriations, 1967—
 hearings, 13014, 17568
 reports, 15915, 16159
 foreign assistance appropriations, 1966, report, 545
 participation, U.S.—
 increase, report, 1823
 semiannual report, 1797
 role in agricultural development, hearing, 17366**
- Inter-American republics, see American republics.**
- Interdepartmental Committee on Children and Youth report, 6940**
- Interdepartmental Committee on Status of Women, report on progress in 1965 on status of women, 13426**
- Interdepartmental Scientific Council on Programed Instruction, USSR, interview on programed instruction with Academician A. I. Berg, Chairman, 14791**
- Interdisciplinary Conference on Initiation of Labor, proceedings, Dec. 15-18, 1963, Princeton, N.J., 9557**
- Interdiurnal variability of pressure and temperature in conterminous United States, 9767**
- Interest (psychology):
 clustering interest profiles for classification of information topics, computer programing, 5323**
- Interest and usury:
 compound interest tables for long-term planning in forestry, 12595
 debentures, Federal intermediate credit banks, delete interest rate limitation—
 law, 17109
 reports, 17206, 17463
 home mortgage interest rates and terms, 3043
 insured banks—
 maximum interest rates paid on services, regulation—
 hearing, 14476
 law, 15764
 report, 16181
 savings and time deposits, eliminate unsound competition, hearings, 11645
 temporary ceilings, report, 12976
 interest rates—
 and mortgage credit, hearing, 14474
 gold, and balance of payments (remarks), 731
 Western Europe, 16280
 loans to World War I veterans upon security of adjusted-service certificates, cancel unpaid interest, report, 12955
 OASDI trust funds give additional interest earnings, provision of 1960 amendments, 5141
 payment of interest on deposits, Federal Reserve regulation Q, 734, 11950, 14640-641, 17661
 Interest equalization tax act:
 extend—
 legislative history of H.R. 4750, 4150
 Senate amds., summary, 1881
 legislative history, 17398
 termination of designation of certain countries as less developed countries, message from the President, 4069
 Interest rates, see Interest and usury.**
- Interfaces:
 air/water, damping of capillary waves, 6549
 interfacial heat and mass transfer in pressurized liquid hydrogen tank, 6425
 thermal, between thermocouple and sensed surface, compound for improving, 7777
 Interference heating on swept cylinder in region of intersection with wedge at Mach number 8, 2411**
- Interferometers:
 astrophysics use, USSR study, 4660
 radio, conditions affecting resolving power, USSR study, 1036**
- Intergovernmental Maritime Consultative Organization, convention, amendments, report, 13088**
- Intergovernmental relations:
 changing intergovernmental and interagency relationships in park and recreation programs (remarks), 9601
 Federal system—
 as seen by Federal aid officials, results of questionnaire, 8775
 encouragement of greater cooperation (remarks), 11303
 in poverty program, commission report, 12578
 personnel act of 1966, hearings, 17581
 relationship of Federal Government to municipalities, counties, and State (remarks), 8436
 responsibilities and cooperation of Federal, State and local Governments (remarks), 14151
 study, authorization, report, 4183**
- Intergovernmental Relations, Advisory Commission on, see Advisory Commission on Intergovernmental Relations.**
- Interim reports, Army Aviation Materiel Laboratories, 1634, 3813, 5342-43, 6827, 9885**

Interior and Insular Affairs Committee, House:
calendar, 3119
committee prints, 8670, 11663, 13048
hearings, 517-519, 1861, 4134-36, 5695-96, 7151-52, 8671, 10247-248, 11661-662, 11812, 13041-47, 14427, 15975
investigations and studies, expenses, report, 5646
reports, 477, 483-486, 505, 1802, 1825, 1831, 4112-16, 5657, 5672, 7085, 7087, 7097, 8546, 8550-51, 8595, 8599, 8627, 10123, 10138-139, 10142-143, 10177-179, 10183-184, 11623, 12862, 12864-865, 12931-934, 12940, 12948, 12951, 12980-982, 12990, 14392-393, 14396-397, 15788, 15826, 15857, 15869, 15875, 15887, 15892-894, 15911, 15922, 15933, 17211-212, 17215, 17227, 17235, 17240, 17249
Interior and Insular Affairs Committee, Senate:
calendar, 3138
committee print, 7218
hearings, 579, 1941, 5815, 7217, 11810-811, 11813-814, 13215-220, 14486-491, 16189, 17583-585
investigations and studies, authorization, report, 4185
reports, 557, 5769, 5775, 8730, 10278, 10308-313, 10316-317, 10321, 11700, 11738-743, 11745-746, 11767, 13092-93, 13131, 13136-137, 13141, 13147-148, 13151, 13163, 13166-167, 13178-179, 13184, 16013, 16028, 16068, 16092, 16111-113, 16119-120, 16124-125, 16138, 16145-146, 17415-417, 17465, 17483, 17490-491, 17495, 17501-507, 17514-515, 17517-519, 17530, 17542, 17548
Interior decorating, bibliography, 2559
Interior decorators and designers, employment outlook, 9223
Interior Department:
Alaska RR, budget presentation of capital expenditures, GAO report, 10618
appropriations, 1966—
budget amendments, 8691
public works, law, 401
appropriations, 1967—
amendments, 8689, 15784
hearings, 7113, 8763
law, 10086
reports, 8592, 10160, 10281
Assistant Secretary, nomination of Frank C. DiLuzio, hearing, 14487
code of Federal regulations, 10498
Columbia River Federal Power System, financial statements, GAO report, 16342
conservation, protection, and propagation of endangered species of fish and wildlife, etc., provide, consolidate authorities relating to administration hearings, 7206
cooperative water resources, research and training, 1965 report, 6057
decisions, 2112, 3071, 13428
develop production of fish protein concentrate—
hearings, 16180, 17390
reports, 15941, 16080, 17325
investigate feasibility of water resource development proposals—
hearings, 11810
law, 15739
reports, 13151, 17214
Library, list of accessions, 3150
Missouri River Basin, progress, quarterly report, 3422
National Advisory Board Council, proceedings, 26th annual meeting, 10887
nuclear power-desalting project in cooperation with AEC, authorize—
hearing, 17150
report, 17497

Interior Department—Continued
press releases, 3378
program for conservation, etc., of anadromous fish, in cooperation with several States, authorize, law, 406
Project EROS, program to utilize space-acquired data for natural and human resource management, 16358
research contracts, authority to enter into, report, 17240
saline water research and development progress reports, 851-853, 2114, 4550-58, 6063-67, 7512-16, 9036-44, 10671-678, 12048-54, 13435, 14770-774, 16372-378, 17737-740
study control of jellyfish and other such pests—
hearings, 14433
report, 17556
temporary employees, payment of medical expenses, report, 5775
transfer water pollution control functions to—
hearings, 8669, 10350
message from the President, 5613
report, 8639
water pollution, playing vital role against (remarks), 13434
weather modification research, authorize, hearings, 13220
Interlocking directorates, communications carriers, applications, FCC rules and regulations, 2927
Intermediate credit banks, *see* Federal intermediate credit banks.
Intermountain Forest and Range Experiment Station, 1965 publications, 8953
Intermountain region, prescribed fire planning, 14713
Internal combustion engines, *see* Engines.
Internal friction, metals and alloys, USSR study, 16492
Internal revenue:
code of Federal regulations, 5945, 5950-51, 7396-97, 7411-12, 8909-12, 10492-493, 11937
code of 1939, amend—
laws, 5580, 5584
reports, 4169, 5636, 5755
code of 1954—
cross-references, 1879
Federal unemployment tax act, amend, 533
tax exemption, pension trust procedures and guides for qualification, 14779
code of 1954, amend, 4217
hearings, 5714, 7167, 14480, 16182, 16184
laws, 5578, 5580, 5590, 8460, 17118
message from the President, 17162
reports, 4167, 4169, 5649, 5658, 5768, 7176, 8618, 8728, 10140, 10174, 12908, 13162, 15936, 16129, 17304, 17307, 17334, 17521, 17523
subchap. S. of chap. 1, law, 8465
code of 1958, amend, reports, 17221, 17524
decisions, weekly report, 3623
Federal receipts for 1966 and 1967, estimates, 11694
internal revenue bulletin, 3072
semiannual cumulative, 856, 12058
procedure and administration, IRS looseleaf regulation system, 862, 4566, 9047-48, 16381
refunds and credits of taxes, report, 5606
see also Taxation—*also* names of certain taxes, e.g. Income tax.
Internal Revenue Service:
Alcohol and Tobacco Tax Division, what you should know about it, 16382

Internal Revenue Service—Continued
 career opportunities, 4559
 computer trainee, 4560
 estate tax examiners, 4561
 programmer, 4567
 revenue agents, professional accounting, 4568
 revenue officer, 4569
 tax technician, 4571
 circulars, 854-855, 2115-16
 for the man who wants a tough, hard job, data processing management training program, 2118
 income tax returns, file directly to service centers—
 report, 17226
 written statements by individuals and organizations, 17401
 looseleaf regulations system—
 employment tax, 2121, 3168, 6070, 7519, 9046, 10680, 14777
 estate and gift tax, 3167
 excise taxes, S60-S61, 3169, 4564-65, 6071, 10681
 income tax, S58-S59, 2119-20, 3166, 4562-63, 6069, 7517-18, 10679, 13436, 14776, 17742-743
 procedure and administration, 862, 3170, 4566, 9047-48, 16381
 Office of Chief Counsel, legal careers in Federal taxation, 857, 17741
 opportunities, administrative intern program, 2122
 press releases, 3379
 publications containing helpful tax information, list, 5095
 report 1965—
 departmental edition, 9045
 document edition, 8489
 self-employment tax payment and collection practices, GAO review, 6025
 travel, entertainment and gift expenses, rules for deducting from income tax, 2123
Internal Revenue Taxation Joint Committee:
 cross-references within IRC, 1879
 digest of statements on act to remove tax barriers to foreign investment in United States, 1878
 estimates of Federal receipts, 11694
 excise tax reduction act of 1965, summary, 1880
 income tax treatment of treble damage payments, staff study, 535
 interest equalization tax extension act of 1965, Senate amdt., summary, 1881
 tax adjustment act of 1966—
 Senate amendments, 8687
 summary, 7170
 tax treatment of income from straddles, staff report, 4153
Internal security, see National security.
International Agency for Research on Cancer, statute establishing, 1504
International agreements:
 atomic energy, cooperation, hearings, 1790
 in force, list, 6655
 treaties and other international agreements, 12540, 14033
 see also subjects.
International agricultural development, monthly newsletter to cooperators, 3073
International Agricultural Development Service:
 appropriations, 1967, hearings, 8648, 11787
 year of progress, 1965 annual summary, 2130
International Association of Governmental Labor Officials, 1965 convention proceedings, 10846
International Association of Machinists, AFL-CIO, emergency board report, 13284

International Atomic Energy Agency:
 application of safeguards to cooperation agreement with—
 Austria, 15345
 Greece, 8081
 Portugal, 6645
 atomic energy safeguards, application for peaceful uses, agreements, 2585-S7, 2589
 desalting, agreement, 2582
 General Conference, progress of first 10 years (remarks), 15543
 U.S. participation—
 annual reports, 17156, 17158
 report, 1964—
 departmental edition, 8066
 document edition, 7054
International Bank for Reconstruction and Development:
 activities, Jan. 1-June 30, 1965, report, 11612
 articles of agreement, amendment, S072
 increase in assistance to private enterprise, proposal, report, 7053
 participation of U.S., semiannual report, 1797
 International bibliography on crime and delinquency (periodical), 3074
 International boundary studies, 2579-S0, 5154, 6635, 8062-63, 9723, 11255-258, 15342
 International Brotherhood of Teamsters, Chauffeurs, Warehousemen, and Helpers of America, teamsters local 815, union welfare-pension funds diversion, report, 13138
 International Center for Settlement of Investment Disputes, establishment, convention, 7173, 10279
 International claims settlement act, *see* Claims.
 International commerce (periodical), 3076
 International Commerce Bureau:
 international business, publications, checklists, 4577, 14782
 press releases, 3380
 International Committee of Red Cross, contributions by U.S., report, 1835
 International Conference for Eighth Revision of International Classification of Diseases, United States delegation report, 18079
 International Conference on Perinatal and Infant Mortality Problem of United States, report, 12486
 International Congress of Pure and Applied Chemistry, scientific papers, abstracts, S281
 International Congress on Home Help Services, proceedings, 15427
 International Convention for Conservation of Atlantic Tunas, text, 16000
 International Convention for Prevention of Pollution of Sea by Oil:
 amendments, implementing—
 law, 15730
 reports, 12911, 14464
 International Convention on Loan Lines:
 report, 16002
 text, 1966 regulations, 14452
International cooperation:
 and economic advance of women (remarks), 1554
 assignment of the century, 5150
 atomic energy, peaceful uses, 9930
 breaking sound barrier (address), 1076
 economic, appeal for renewal on grand scale, twenty years after, 14377
 economic cooperation series, 6628
 economic, 1966, year of decision and of opportunity (remarks), 11300
 free world economic cooperation, strengthening, 1793
 obligations and opportunities (remarks), 11302

- International cooperation—Continued
 - social welfare and social development activities, contribution of Welfare Administration—
 - French edition, 16903
 - Spanish edition, 16902
 - technological progress (address), 8426
- International Cooperation, National Citizens' Commission on, *see* National Citizens' Commission on International Cooperation.
- International Cooperation, White House Conference on, *see* White House Conference on International Cooperation.
- International Cooperation Year:
 - background paper, 6636
 - international cooperation, assignment of the century, 5150
 - observance, expressing sense of Congress, report, 11655
 - space, national challenge, 1192
- International Cotton Institute, agreement, articles, 12525
- International Council for Exploration of Sea, convention, 13079
- International Development Agency:
 - AID programs, we welcome others to their ranks, 13440
 - biographic register, 12520
 - expedited signing of agreements under title 1 of agricultural trade development and assistance act of 1954, GAO review, 8995
 - field staff, Foreign Service list, 2992
 - foreign affairs personnel, transfer to unified system, hearings, 11805
 - investment guaranties, specific risk, issued since beginning of program, 2814
 - loan program financial statements, 1962–64, audit, GAO report, 6006
 - loans, etc., report, 1797
 - ocean transportation costs for surplus agricultural commodities donated under titles 2 and 3, agricultural trade development and assistance act of 1954, GAO report, 7472
 - operations report, 3298
 - Partners of the Alliance, program, 11653
 - personnel supporting social revolution in Viet-Nam, 10691
 - press releases, 3381
 - principles of foreign economic assistance, 9054
 - procurement regulations, 2132
 - proposed economic assistance programs, 1967, summary presentation to Congress, 9055
 - selling services for international development, 3868
 - specific risk investment guaranty handbook, 2133
 - technical and economic assistance to cooperative enterprises under foreign assistance act of 1961, staff report, 13024
 - telephone directories, 1493, 11260, 15344
 - United States activities in Viet Nam, internal audits and inspections, GAO report, 13385
 - use of dollars rather than foreign currencies to pay U.S. expenses in Korea, GAO report, 812
 - use of excess property in Latin America, report, 8628
- International Development Association:
 - activities, Jan. 1–June 30, 1965, report, 11612
 - appropriations, 1967—
 - hearings, 13014, 17568
 - reports, 15915, 16159
 - foreign assistance appropriations, 1966, report, 545
 - participation of U.S. semiannual report, 1797
- International education, *see* Education.
- International Educational and Cultural Affairs, Advisory Commission on, *see* Advisory Commission on International Educational and Cultural Affairs.
- International exchanges:
 - binational educational exchange program, obtaining contributions, GAO report, 8983
 - exchange scholars, 785
 - international educational and cultural exchange, 8122, 11335
 - teacher development program, 10426
 - teacher exchange program, 14558
 - see also* Education—Government publications—*also* subjects.
- International Executive Service Corps, executives march ahead, Ghana progress, 14781
- International fairs, *see* Fairs.
- International Finance Corporation:
 - activities, Jan. 1–June 30, 1965, report, 11612
 - assistance to private enterprise, proposal, report, 7053
 - participation of U.S., semiannual report, 1797
- International Geophysical Year, 1957–58:
 - aerometeorological research in Antarctica during IGY, USSR study, 982
 - climatology of noctilucent clouds according to observations performed during IGY, 2445
- International Human Rights Year:
 - U.S. observance—
 - hearings, 14421
 - reports, 17237, 17529
- International Hydrological Decade, USSR, program activities, 9170
- International Indian Ocean Expedition, 1964:
 - cruises, track charts, 15232
 - survey ship, USC&GSS Pioneer—
 - cruise narrative and scientific results, 11503
 - oceanographic stations, BT observations, and bottom samples, data report, 15636
- International Institute for Unification of Private Law, agreement with Italy, 11270
- International labor (periodical), 3078
- International Labor Conference:
 - active leadership in human resources development (address), 6253
 - 48th, conventions adopted and recommendations, 17159
 - employment policy, 13078, 17167
- International Labor Organization:
 - conference in Geneva, appoint delegates to attend, report, 12910
 - conventions adopted and recommendations, 17159
 - employment policy, 17167
- International law:
 - digest, 2575
 - legality of U.S. participation in defense of Viet-Nam against armed attack, 8059
 - studies, outer space, 9599
- International Law, Private, Hague Conference on, *see* Hague Conference on Private International law.
- International Literacy Day:
 - designate Sept. 8, 1966—
 - law, 15728
 - reports, 12956, 13187
- International Load Lines, *see* International Convention on Load Lines.
- International Monetary and Financial Problems, National Advisory Council on, *see* National Advisory Council on International Monetary and Financial Problems.
- International Monetary Fund:
 - activities, Jan. 1–June 30, 1965, report, 11612
 - participation of U.S., semiannual report, 1797
 - steps toward more rational world economic order (remarks), 16891

- International negotiations on cessation of nuclear weapon tests, Sept. 1962-Sept. 1965, review, 11389
- International notams, notice to airmen service, 3079
- International organization and conference series, 1491, 6637, 8066, 9724, 11259, 18120
- International organizations:
- immunities act, amend rel. to European Space Research Organization—law, 5579
 - report, 4168
 - multilateral and regional, educational and cultural activities, 18121
 - private, nonprofit American, overseas program, survey of activities, report, print additional copies, report, 17195
 - U.S. missions, field staffs, Foreign Service list, 2992
- International Pacific Halibut Commission:
- offices, authorize construction—hearings, 17390
 - report, 488
- International Peace Garden, gifts, duty-free entry, reports, 16130, 17332
- International Petroleum Exposition, participation by States and foreign nations, authorize invitation, report, 5753
- International Philatelic Exhibition, *see* Sixth International Philatelic Exhibition.
- International policy, *see* International relations.
- International postal service:
- directory of international mail, 13926
 - changes, 2859
 - international mail, general information, 9616
- International programs of Department of Housing and Urban Development, 840
- International Quiet Sun Year, 1964-65, ionosphere regions D and E, investigation, 6339
- International relations:
- American policy in Vietnam, comments by Patriarchy of Russian Orthodox Church, USSR study, 10814
 - Atlantic alliance—
 - Allied comment, 4219
 - basic issues, 5812
 - treaty and related agreements, texts, 4220
 - behavioral sciences and national security, reports, 513, 4090
 - code of Federal regulations, 7394
 - Communist countries, why U.S. treatment differs (address), 2578
 - computer and foreign affairs, 18114
 - cultural affairs and foreign relations, Air Force Academy assembly, final report, 14165
 - education for world responsibility, excerpts from addresses at National Foreign Policy Conference for Educators, 16855
 - era of educational and cultural relations (lecture), 12524
 - Europe today, study mission report, 10342
 - for commanders, this changing world, 108
 - foreign affairs (address), 5152
 - foreign affairs research, Government resources available, directory, 6633
 - foreign policy briefs, 2991
 - foreign policy of U.S.—
 - American foreign policy, 1962 current documents, 12514
 - investigations and studies, authorization, report, 4179
 - mainland China, hearings, 8773
 - print additional copies, reports, 10214, 10290
 - State Department bulletin, 2849
 - foreign relations of U.S. diplomatic papers, Europe, 1944—
 - departmental edition, 11254
 - document edition, 10096
- International relations—Continued
- general foreign policy series, 2577-78, 5150-52, 6631, 12523, 14030, 16855, 18119
 - how foreign policy is made, erratum, 2577
 - Hungarian Academy of Sciences, resolution, 13547
 - interdepartmental activities overseas, coordination by Secretary of State, 8779
 - international information and cultural series, 1490, 12524
 - international monetary arrangements (statement), 14053
 - Israel, position and policy, 9177
 - Japan-U.S. institutional relationships, building for future (remarks), 12200
 - Latin America, United States relations, regional and other documents, 5692
 - legislation on foreign relations, collection, 10343
 - multilateral and regional organizations engaged in educational and cultural activities, 18121
 - Negro in international affairs, prospects for future (address), 7643
 - nuclear weapons tests, international negotiations on cessation, Sept. 1962-Sept. 1965, review, 11389
 - off dead center, some proposals to strengthen free world economic cooperation, 1793
 - psychological aspects, hearing, 13210
 - United States and Communist China (address), 8057
 - United States and Western Europe, 1489
 - United States policy towards Asia—
 - hearings, 71444
 - report, 14387
 - print as House document, reports, 13000, 16099
 - report of subcommittee, 10244
 - statement, 11252
 - United States policy toward Europe hearings, 16186
 - United States-South African, hearings, 8668, 11657, 13038, 15969
 - print additional copies, report, 13001
 - USSR international economic relations, translations, 3670
 - Vietnam, shipping policy review, hearings, 7155, 10255
 - winning the cold war, U.S. ideological offensive—
 - hearings, 513, 4090
 - report, print additional copies, report, 17195
 - see also* Alliances.
- International science notes (periodical), 3081
- International seminar on social aspects of urban development, 2624
- International Shoe Co., wage chronology, 1945-66, 13608
- International Statistical Programs Office, series ISPO 1, 3937-38, 6937, 15596, 17012
- International sugar agreement of 1958, protocol for prolongation, 5156
- International Symposium on Genes and Chromosomes, Structure and Functions, proceedings, 5030
- International Systems Research, Center for, *see* Center for International Systems Research.
- International teacher development program, 10426
- International trade, *see* Commerce.
- International Whaling Commission, convention, amendments to schedule, 8082
- International wheat agreement, extend, protocol, 13070, 13077, 16868
- International Year for Human Rights, *see* International Human Rights Year.
- International Year of the Quiet Sun, 1964-65, ionosphere regions D and E, investigation, errata, 9391
- Interns, *see* Physicians.

INDEX 1966

- Interoceanic Canal Study Commission, *see* Atlantic-Pacific Interoceanic Canal Study Commission.
- Interparliamentary Group, Canada-United States, *see* Canada-United States Interparliamentary Group.
- Interparliamentary Group, Mexico-United States, *see* Mexico-United States Interparliamentary Group.
- Interplanetary dust, analysis of F-corona according to Mie theory, 9437
- Interplanetary flight, *see* Astronautics.
- Interplanetary missions, *see* Planets.
- Interplanetary monitoring platform:
- IMP-I-Explorer XVIII, flight report, 7870
 - IMP-I spacecraft magnetic test program, 7885
 - IMP-II Explorer XXI, flight report, 11048
 - spacecraft performance, computer analysis, 7860
- Interplanetary space, *see* Outer space.
- Interplanetary vehicles, *see* Spacecraft.
- Interpolation path controllers, digital higher order, 15182
- Interpolation, scale facilities reading of graphs, 13738
- Interpretation of resistivity data, 10644
- Interpretative bulletins, Wage and Hour and Public Contracts Divisions, 5221, 6694, 9761-62, 11310-312, 16899, 18142
- Interpreting and translating, *see* Translating and interpreting.
- Interstage adapter panel flutter on Atlas-Centaur AC-2, AC-3 and AC-4 vehicles, 1240
- Interstate agreements:
- Arizona-California boundary compact, consent of Congress—
 - law, 15714
 - report, 13125
 - bus taxation proration, consent of Congress—
 - Connecticut, Rhode Island, Vermont, law, 414
 - Massachusetts, reports, 8563, 14453, 17347
 - Hudson River Basin compact—
 - law, 15772
 - reports, 15893, 17490
 - Missouri-Kansas compact on public transit for Kansas City area, approval—
 - law, 15766
 - reports, 13159, 17223
 - personnel training, authorize compacts, hearings, 17581
 - Upper Niobrara River compact, approving, report, 16092
 - Washington Metropolitan Area Transit Authority compact, approval—
 - hearings, 15983
 - message from the President, 15783
 - reports, 15891, 16107
- Interstate and Foreign Commerce Committee, House:
- activities, 89th Congress, 1st session, report, 4081
 - calendar, 3120
 - committee prints, 13049-50
 - hearings, 1862, 5697-98, 7153, 10249-252, 11664-667, 14428, 15976-982, 17382-387
 - investigations and studies, expenses, report, 4105
 - reports, 1826, 1839, 4081-82, 5678, 7084, 10225, 11622, 11629, 12907, 12927, 12975, 15921, 15928, 15940, 15942-947, 17255-256, 17268-269, 17302-303, 17308
- Interstate carriers, *see* Carriers.
- Interstate commerce, *see* Commerce.
- Interstate commerce act, *see* Carriers—Railroads.
- Interstate Commerce Commission:
- appropriations, 1967, hearings, 8651, 13193
 - decisions (bound reports), 2134-35, 4584, 6089, 7539, 10696, 12063-67, 13441
 - Interstate Commerce Commission—Con.
 - decisions (separates)—
 - finance, 3082
 - motor carrier, 3083
 - motor carrier finance, 3084
 - traffic, 3085
 - decisions, consolidated index-digest, reports involving motor carrier operating rights, 867
 - nomination of—
 - Deason, Willard, hearings, 4215
 - Webb, Charles A., hearings, 4215
 - press releases, 3382
 - railroad safety, operations, report, 8620
 - print additional copies, report, 10209
 - REA Express, research collaboration, staff study, 4583
 - regulations, modify definition of term carrier report, 1839
 - report, 1965—
 - departmental edition, 4582
 - document edition, 4057
 - rules of practice, 868-871
 - Section of Locomotive Inspection, 1965 report, 10694
 - Interstate Commission on Potomac River Basin:
 - appropriations, 1967—
 - hearings, 8650, 14472
 - reports, 8626, 16151
 - Interstate compacts, *see* Interstate agreements.
 - Interstate Conference on Labor Statistics, proceedings of 23d conference, 17818
 - Interview response on health insurance compared with insurance records, U.S., 15305
 - Interviewing, accuracy of information obtained in interviews on health insurance coverage, cooperative study, 15305
 - Intestines, cobalt-60 irradiated rabbits, sodium transport in isolated ileum, 3792
 - Intoxicants, *see* Liquors.
 - Intoxication, *see* names of poisons.
 - Intraspecies biologic and behavioral variability, 14193
 - Intrieri, Peter F., experimental stability and drag of pointed and blunted 30° half-angle cone at Mach numbers from 11.5 to 34 in air, 4939
 - Inventions:
 - chemical milling, royalties for use by Government contractors, GAO review, 7478
 - Federal inventions act of 1966, report, 14458
 - Government research, national policy, hearings, 1945
 - information aid for inventors, 15257
 - products list circular, new products development for small business, 3421
 - Rumanian, in fields of mining, coking, materials testing, particle accelerators, and chemistry, 10805
 - State expositions—
 - description, etc., 2452
 - plan for developing, 5003 - Inventories:
 - automatic data processing equipment in Federal Government, 1689, 12689
 - green coffee, 3028
 - interstate carrier water supplies, by States and Public Health Service regions, 15285
 - livestock and poultry, 6659
 - management—
 - Army Map Service, Washington, D.C., Army Department, GAO report, 7475
 - economic order quantity, principle and applications, GSA handbook, 14740
 - manufacturers', current industrial reports, 3179
 - National Oceanographic Data Center, archived data, 7953

- Inventories—Continued**
 plant, material received by New Crops Research Branch, 8137, 11339-340, 14115
 real property—
 leased to U.S. throughout world, 10630
 owned by U.S. throughout world, 1965 report, 7478A
 system for multiple use evaluations for forest land, 7462
 turkeys, 14040
 USSR, annual inventory of uninstalled equipment, revised, etc., 2203
- Inventors:**
 Bulgarian, awards, 14951
 patents and inventions, information aid, 15257
- Invertebrates, see Mollusks.**
- Investigate, stop, look, says Federal Trade Commission, 11958**
- Investigators, wage-hour, career opportunities, 12557**
see also Criminal investigators.
- Investment companies:**
 act of 1940—
 amend. hearings, 8768
 regulation S-N, 18090
 SEC releases, 3087
 small business, investigation, hearings, 16187
 small business investment act amendments of 1966—
 hearings, 14477, 15963
 report, 15937
 small business program, review, hearings, 16179
 small business, starting, 12505
 application of mathematical methods in economics and effectiveness of capital investments, USSR studies, 4645
 capital structures of USSR and United States, 955
 catalog of investment information and opportunities, index, 6076
 industry profiles, supplement, 9052
 southeast Asia, supplement, 16383
 collective investment funds maintained by banks, regulation, hearings, 8768
 convention on settlement of investment disputes (remarks), 9753
 direct investment and cooperate adjustment techniques under voluntary balance of payments program (remarks), 1769
 disputes, settlement, convention, 7173, 10279
 implement—
 hearing, 13032
 law, 15715
 report, 12958
 District of Columbia, legal investments for trust funds, list, 5858, 14525
 foreign, in U.S., remove tax barriers, statements, summary, 1878
 guaranties, agreement with—
 British Honduras, 11279
 Ceylon, 15347
 Honduras, 15360
 Singapore, 15352
 Thailand, 8076
 guaranties, specific risk, issued since beginning of program, AID report, 2814
 international, encouragement, convention with Israel, 13073
 investment advisers act, SEC releases, 3086
 nonfarm mortgages, life insurance companies, 14628
 opportunity information, list, machine tools and accessories, 2131
 overseas, aids to business, 7529
 PACAF basic bibliographies, 5322
 report of Committee on Technical Cooperation and Investment, National Citizens' Commission, 1549
 returns from growing red pine, estimating, 10597
- Investment companies—Continued**
 specific risk investment guaranty handbook, 2133
 suspension of investment credit, etc.—
 hearing, 17400
 reports, 15932, 17341, 17537
 U.S. policy and foreign investment (remarks), 11531
 U.S. private investment in Canada (remarks), 12790
- Investors:**
 foreign investors tax act of 1965—
 summary, 4149
 written statements submitted to Ways and Means Committee, 14446
 foreign investors tax act of 1966—
 hearings, 7167, 14480
 reports, 8618, 12908, 17521
 Invitation to pharmacologists, build your career with FDA, 8947
 Inyo County, Calif.:
 convey land to estate of Gwilym L. Morris, etc., 17088, 17416
 hydrology and mineralogy of Deep Springs Lake, 9018
 Iodine, minerals yearbook chapter, 13684
 Iodine isotopes:
 iodine-131, measurement in bovine thyroids, 2535
 radioiodine, controlled environmental tests, 15531
 National Reactor Testing Station, 1965 progress report, 8284
- Ion beams:**
 high-energy, used to accelerate hydrogen propellant along magnetic tube, of flux, 16702
 mercury, pumping by liquid-nitrogen-cooled condensers, 4965
- Ion exchange:**
 membranes—
 phenomena, correlation of structure with functional properties, 10678
 technology pertaining to saline water desalination, bibliography, 6066
 transport properties, 4553, 17738
 multicomponent, in fixed beds operated under equilibrium conditions—
 constant - separation - factor systems, 12051
 general properties of uniformly pre-saturated beds receiving feed of constant composition, 12050
- Ion exchangers, synthesis, analysis, and utilization, Rumanian symposium, 9166**
- Ion thrusters:**
 high-voltage isolation device for ion-thruster propellant feed, 13838
 SERT-I, thrust measurement, 9532
- Ionic conductivity of solid barium fluoride, 7865**
- Ionite, method applied to obtaining desalted apyrogenic water from water derived from water-mains, USSR study, 7633**
- Ionization:**
 impact, cross section of H(1s) atoms by H(1s) atoms near threshold, 2420
 nonequilibrium phenomena in Apollo plasma sheath, estimates, 15077
 photoionization detector, soft X-ray, 6417
 transport properties of ionizing atomic hydrogen, 9506
- Ionization gases:**
 Bayard-Alpert, effects of rubidium vapor, 15179
 cold cathode, has rigid metal housing, 6367
 nude fast-response cold-cathode, construction and evaluation, 4981
- Ionized air, see Air.**
- Ionized atmosphere, see Atmosphere.**
- Ionized gases, see Gases.**
- Ionizing radiation:**
 ascorbic acid protection against inactivation of lysozyme and adolase, 1625
 biochemical indices, USSR study, 6220

- Ionizing radiation—Continued
 - brain of animal exposed in antenatal period, function and structure, USSR book review, 931
 - effects on—
 - eyes of personnel in nuclear-powered submarines, 14991
 - Rhesus primates exposed under laboratory conditions, 12636
 - ruby, 7888
 - exposure of rats, study of fluorescent products in urine, 8212
 - industrial uses, trends, 150
 - pulsed, effects on performance of primates, 1622
 - record keeping, report, 6873
 - see also* Radiation.
- Ionosondes, duty-free entry, 17191
- Ionosounders, techniques, investigation, 10959
- Ionosphere :
 - at high latitudes, investigation, 4992
 - D and E regions, investigation during International Quiet Sun Year, 6339, 9391
 - electron density and scale heights—
 - Alouette I observations, topside, 13726
 - midlatitudes, 10980
 - over American continents, 17890
 - ionosounder techniques, investigation, 10959
 - ionospheric mapping by numerical methods, advances, 13868
 - ionospheric predictions (periodical), 3088
 - irregular refraction of radio waves, measuring by signals from artificial earth satellites, USSR study, 12192
 - layers in infrared spectral region, USSR study, 14794
 - parameters derived from Echo II radar returns during solar minimum conditions, 12442
 - range residuals in VHF radar tracking, 15169
 - significant achievements, 9446
 - simulator survey, 10950
 - solar flare effects observed Sept. 1960—Dec. 1962, atlas, 5018
 - sounding, 100 KW 2–25 Mc/s distributed amplifier for use, 7922
 - wave interaction experiments, numerical simulation, 1300
- Ions :
 - capture collisions with polar molecules, semiclassical approach, 6426
 - highly sensitive solids mass spectrometer, uses inert-gas ion sources, 7773
 - ion-molecule reactions, bibliography, 13864
 - low density Hall current ion accelerator, 6435
 - membranes, selective, for desalting water, development, 16376
 - metallic complexes, role in reactivation of cholinesterase inhibited by organic phosphorus compounds, USSR study, 14943
 - pattern of selective transport in plants in relation to salinity, 7513
 - reusable chelating resins concentrate metal ions from highly dilute solutions, 17909
 - transport across microbial membranes, research, 4554
 - volume production in tenuous helium plasma, effects of metastable atoms, 1280, 12334
 - see also* Ions by name, e.g., Mercury.
- Iowa :
 - climatological data, 2751
 - county business patterns, 1719
 - divorced persons, characteristics, 1960–61, 1444
 - electric rate book, 16274
 - labor laws affecting women, summary, 6699
- Iowa—Continued
 - life tables, 18023
 - manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 - mineral industry, minerals yearbook chapter, 1126
 - Mississippi River and tributaries, fishery products, wholesale dealers list, 772
 - Polk County Soil Conservation District, farm pond bass and bluegill fishing (colored poster), 9674
 - precipitation data, hourly, 3045
 - soil survey laboratory data and descriptions, 16837
 - women, family and property law, summary, 11323
- Ips confusus (Lec.), *see* Beetles.
- IQSY, *see* International Quiet Sun Year, 1964–65.
- Iran :
 - agricultural commodities, agreement, 6648
 - economy, basic data, 10026
 - foreign trade regulations, 4006
 - market for U.S. products, 7526
 - mineral industry, minerals yearbook chapter, 4766
 - oil resources, Soviet criticism of foreign exploitation, 9090
 - Soviet critique of Anglo-American oil interests, 17771
- Iran, Meherwan C., mineral industry of Massachusetts, 1132
- Iraq :
 - background notes, 6623
 - history, Soviet survey, 16500
 - mineral industry, minerals yearbook chapter, 2329, 15015
- Iraqi Communist Party in struggle for national independence and democratic development of country, Near East study, 969
- Ireland, Lola M., low-income life styles, 14078
- Ireland :
 - background notes, 6624
 - labor conditions, 13636
 - mineral industry, minerals yearbook chapter, 4767
 - sailing directions, change, 12401
- Iris, growing in home garden, 5290
- Irizarry Guido, Pedro, *see* Guido, Pedro I.
- Iron :
 - bremsstrahlung production by electron bombardment, 2359
 - chemistry of iron-rich sedimentary rocks, 4520
 - fluorination, kinetics, 15180
 - foundries—
 - census of manufactures, industry report, 3899
 - current industrial reports, 2817, 5479
 - heat of fusion, use of diphenyl ether calorimeter for measuring, 6315
 - industrial defense planning manual, 1770
 - industry, employment outlook, 9305
 - iron and steel—
 - mineral industry survey, annual, preliminary, 4757
 - minerals yearbook chapter, 1113
 - scrap, Arkansas, Kansas, Louisiana, Mississippi, Missouri, Oklahoma, and Texas, 9360
 - low-density artificial meteoroid, photographic observations, 11055
 - Minnesota mauganiferous ores, laboratory processing techniques, 10918
- Iron—
 - census of mineral industries, 1963, industry statistics, 9950
 - magnetic roasting with ferrous scrap, 7716
 - mineral industry survey, monthly, 3089
 - pellets, mechanical strength at elevated temperatures, 13696
 - production, etc., 1965, preliminary, 4758
 - reducibility index, reaction interface speed, 15028

Iron—Continued

products, primary, commodity transportation survey, shipper series, 5452
scrap—
consumption problems, 11450
minerals yearbook chapter, 16561
South Dakota, resources, 6286
stain, effects on joints in concrete, 11899
see also Cast iron—Ferrous metals.

Iron carbides, nature of carbides of iron, 13673

Iron castings, *see* Castings.

Iron ores, *see* Iron.

Iron oxides:

gamma-ferric oxide and passivity of iron, 1364

mechanism of reduction with carbon monoxide, adsorption phenomena, 16577
reduction and adsorption phenomena, 4789
thermodynamic properties of ZnO-Fe₂O₃-Fe₃O₄ system at elevated temperatures, relation to—

spinel structure, 9376

zinc concentrate roasting, 12242

Iron sulfides, high-temperature heat contents and entropies of 4 solid solutions of zinc and iron sulfides, 2353

Ironworkers, structural, ornamental, and reinforcing, employment outlook, 9280

Irradiation, *see* Gamma rays—Radiation—Solar radiation—X-rays.

Irrigation:

flow resistance in simulated irrigation borders and furrows, 13

operation and maintenance bulletin, 3090
Western States, surface water quality, 6044

wireworms on irrigated land, control, etc., 11351

Irrigation projects, *see* Reclamation of land—*also* names of projects.

IRS, *see* Internal Revenue Service.

Irvine, Dallas, military operations of Civil War, guide index to official records of Armies, 14313

Irving M. Sobin Chemical Co., Inc., *see* Sobin, Irving M., Chemical Co., Inc.

Irwin, D. C., landing dynamics study for lunar landing research vehicle, 9403

Is it smart for you to quit school? 9893

IS series, Post Office Department, 1395

Isaacs, L. G., photolysis of poly(n-butyl methacrylate) in vacuum, 6550

Isbell, Horace S., organic chemistry, etc., 1299, 17944

Ishmael, George D., convey land to, 17088, 17416

Ishmael, Verna H., convey land to, 17088, 17416

Islam, *see* Mohammedanism.

Island lantern (periodical), 3091

Islands, *see* names of islands.

Isle of Palms:

hurricane survey, engineer report—departmental edition, 8859

document edition, 8501

Isle Royale, wolves, 13880

Isle Royale National Park:

birds, 14676

general information, 5046

Isolation:

high-voltage device, for ion-thruster propellant feed, 13838

vibration of marine machinery, USSR study, 2240

Isopropylpyrroles, *see* Pyrroles.

Isotope Institute of National Atomic Energy Committee, Hungary, activities, 13557

Isotopes:

analysis, instrumentation and procedures of NBS Analytical Mass Spectrometry Section, 15209

development, AEC authorizing legislation, 1967, hearings, 8482

heavy, methods of determining content of operating fuel elements, 8277

Isotopes—Continued

high-temperature radioisotope thermoelectric generator for space applications, 9928

industrial uses, 150

industry, developments and trends (address), 163

instruments using nuclear sources and utilized for controlling and automation of technical processes, all-Union Isotope Group catalog, 11415

isotopes and radiation technology, review of recent developments, 3092

physiological studies employing radioisotopes, 5401

plutonium and other radioisotope sources, discovery to demand (remarks), 6872

radioactive, medical use, AEC licensing guide, 6849

radioisotopes—

and life processes, 11444

and machine sources of X-radiation, comparative merits for aerospace applications, 12682

application to manned spacecraft life-support systems, 9923

applications in hydrospace, evaluation, 11416

facilities in general hospital, 6583

industry, 1688

medicine, 15550

selected literature search, 159

labeling of poliovirus and vaccinia virus, 9871

process control, large volume detectors, evaluation, 8276

scientists, examination announcement, 8404

techniques—

heat-shield ablation measurements, 7852

radiochemical analysis, 5013

teletherapy programs, AEC guide for licensing, 5381

trends in industrial uses, 150

X-ray sources for narrow band X-ray detector for identification of chemical elements, 6855

standards, reports, 5012

systems development program, 7th annual contractors meeting, 9918

uses in medical research, diagnosis and therapy, 5427

see also names of isotopes, e.g., Iodine isotopes.

Isotropy, table of radiation characteristics for uniformly spaced optimum endfire arrays with equal sidelobes, 2451

ISPO, *see* International Statistical Programs Office.

Israel, S. L.:

thermal conductivity of hydrogen from 2000° to 4700° F, 7728

thermal properties of tungsten, 7727

Israel:

accessions list, Library of Congress, American Libraries Book Procurement Center, Tel-Aviv, 3093

agricultural commodities, agreements, 15364, 16858

amateur alien radio operators, authorization to operate, agreement, 15366

atomic energy, cooperation for civil uses, agreement, 9726

background notes, 14024

cotton textiles, trade agreement, 16863

income-tax convention, 13073

mineral industry, minerals yearbook chapter, 4768, 15016

position and policy, 9177

visit by Senate delegation, report, 5811

Isserow, S., fabrication of seamless tungsten and tungsten-rhenium tubing, 11428

Isthmian Canal, *see* Panama Canal.

- Istle :
 suspension of duty, continue—
 law, 17103
 report, 8558
It takes courage, 16235
Itagaki, K., self-diffusion in ice single crystals, 8239
Italy :
 almond industry, 13352
 and Kennedy round (remarks), 8035
 Austria-Italy boundary, study, 5154, 11256
 Brazilian Expeditionary Force during World War II, report by commander, 9356
 children's clothing, foreign market survey, 1692
 Italian coin engravers, 2465
 labor conditions, 13637
 liability during private operation of N.S. Savannah, agreement, 9729
 loan of submarines, law, 426
 loan of vessels, agreement, 8073
 market for American toys and games, 7006
 mineral industry, minerals yearbook chapter, 7694
 problems of Italian left and unification, 13485
 selling in Italy, 340
 trade agreement, exports of cotton velvet fabrics, 6647
 treaty claim funds balance, transfer to exchange program and International Institute for Unification of Private Law, agreement, 11270
Item identification, see Identification,
Item management coding manual, 5846-47
Iteration (mathematics) :
 method for computing—
 chemical-equilibrium compositions of reacting-gas mixtures by reduction to single iteration equation, 13816
 generalized inverse of matrix, 11078
 method used in development of Hansen's coordinates in lunar problem, 7887
It's your future, 4329
It's your move!, 11155A
Ivanovo Medical Institute to publicize medical innovations, USSR, 16493
Ivins, Robert A., relief, 12886, 17421
Ivory Coast :
 agricultural commodities, agreement, 15368
 background notes, 18109
 market for U.S. products, 7527
 mineral industry, minerals yearbook chapter, 6301
Izvestiya VUZov (periodical) :
 instrument building, 3094
- J**
- Jacchia, Luigi G., static diffusion models of upper atmosphere with empirical temperature profiles, 2560
Jack pine, see Pine.
Jacks, Ann M., printing and publishing, quarterly industry report, 3416
Jacks :
 heavy duty precision leveling, use to expedite setup time on horizontal boring mill, 16634
 steel, from Canada, determination of likelihood of injury, 15386
Jackson, Charlie M., jr., flight performance estimated with closed-form approximations to equations of motion, 4984
Jackson, L. Robert, structural concepts for hydrogen-fueled hypersonic airplanes, 6414
Jackson, Robert A. :
 stability of rubble-mound breakwaters, Nassau Harbor, 679
 stability of seawall, Texas City, Tex., 11898
Jackson, Miss., area wage survey, metropolitan area, 9324
Jackson County, Ala., coal resources of Fabius-Flat Rock area, 13680
Jacksonville, Fla., wage survey, metropolitan area, 10865
Jacob, Conrad J. :
 construction, mining and materials handling machinery and equipment, 5448
 engines and turbines and farm machinery and equipment, 8335
 general industrial machinery and equipment, 5449
 jewelry, silverware and plated ware, 3905
 metalworking machinery and equipment, 6910
 miscellaneous manufacturing industries, 6914
 musical instruments and parts, toys, and sporting and athletic goods, 2906
 office supplies, costume jewelry, and miscellaneous notions, 5451
 service industry, machines and machine shops, 6911
 special industry machinery, except metalworking machinery, 3901
Jacobus, Arnold J., aerospace medicine and biology, annotated bibliography, 10889
Jacobs, George J., proceedings of conference on theoretical biology, 13725
Jacobs, Haskell C., public assistance under social security act, serving people in need, 10451
Jacobs, Rodney D., silvicultural evaluation of 4 methods of marking 2d growth northern hardwood stands, 14700
Jacobson, Irvan A., jr., thermal reactions of shale-oil components, methylpyrroles, butylpyrroles, and isopropylpyrroles, 6314
Jacek, C. L., pressure and heat transfer tests on surface roughness elements, 15049
JAG Journal, 3097
 index, 1961-64, 1073
Jai Yul Sung, see Barker, David G.
Jamaica :
 agricultural production, indices, 7289
 agricultural products, demand, supply and imports, projected levels to 1975, summary and evaluation, 11865
 background notes, 14025
James, George A., estimating recreation use on complex of developed sites, 16332
James, Harold L., chemistry of iron-rich sedimentary rocks, 4520
James, Preston E., geography as professional field, 10423
James, Richard W., ocean thermal structure forecasting, 12411
James, William L., effects of wood preservatives on electrical moisture-meter readings, 2060
James City County, Va., excavations at Turner's Neck, 12397
James Madison Memorial Building, construct, hearing, 526
Jameson, Donald A., diurnal and seasonal fluctuations in moisture content of pinyon and juniper, 13369
Jamestown, Va., general information, 7945
Jamison, Donald E., integrated telemetry—computer system, 7894
Janes, H. B., phase-front distortion in simulated earth-to-space transmissions, 17942
Janezcek, Elizabeth G. :
 basic library reference sources for business use, 18092
 men's and boys' clothing, 2557
 store arrangement and display, 2558, 11222
Janice Vee (fishing vessel) :
 documentation for coastwise trade hearings, 8674
Janz, George J., diffusion of electrolytes, diaphragm diffusion technique, 14771

- Japan :
 agricultural statistics, collection, 18128
 air transport services, agreement, 15346
 ambassador, nomination of U. Alexis Johnson, hearings, 14481
 ancient novae and supernovae recorded in annals, and their significance in radio-astronomy, 4993
 background notes, 11238
 cotton and manmade fibers competition, 13355
 economic relations with U.S. (address), 11509
 fisheries, 10523
 health information for travel, 6579, 16795
 Japan and United States institutional relationships, building for future (remarks), 12200
 MacArthur in Japan, the occupation, military phase, 8260
 mineral industry, minerals yearbook chapter, 4769
 mutual defense assistance, agreement, 15350
 Parapercis kamoharai, new fish, 11225
 scientific, industrial and technical instruments and equipment, 4014
 southern, sailing directions, change, 15236
 titanium dioxide, determination of no injury to U.S. industry, 11289
 trade between U.S. and Japan (remarks), 15653
 trade in cotton textiles, agreement, 9736
 visit to, Senate delegation report, 5811
 vitamin manufacture, 980
 Japanese, coolie trade laws, repeal, report, 15910
 Jarnagin, Milton P., jr., expansions in elliptic motion, 7952
 Jarvis, Neldon L. :
 adsorption of surface-active material at surface of sea-water samples from Bay of Panama, 6544
 surface chemistry of fluorochemicals, 5073
 Jasperoids :
 direction of movement of jasperoidizing solution, 9013
 Lake Valley Mining District, N. Mex., 4513
 JCH series, 10403, 13259
 JCS pub. series, 9061, 16389
 Jean, C. V., Australian wheat marketing system, 4432
 Jefferson County, Ala., dental health programs, 6586
 Jefferson National Forest, establish Mount Rogers National Recreation Areas as part, law, 10089
 Jeffrey pine, *see* Pine.
 Jelley, Herbert M., interior decorating, 2559
 Jellison, Robert A., relief, 15815
 Jellyfish :
 and other such pests, control—
 hearings, 14433
 report, 17556
 Jenkins, Jerald M. :
 pretensioning concept for relief of critical leading-edge thermal stress, 12367
 thermal-buckling characteristics of flanged, thin-shell leading edges, 4972
 Jenkins, Kenneth H., sewage and water works construction, 16292
 Jenkinson, Paul M., effect of core thickness and moisture content on mechanical properties of 2 resin-treated paper honeycomb cores, 4463
 Jensen, Albert C., U.S. cod fishery in north-west Atlantic, 747
 Jensen, Malcolm W., checking prepackaged commodities, manual for weights and measures officials, Spanish translation, 1291
 Jenson, Robert L., effects of prednisolone and triamcinolone on corticosteroid levels in parotid fluid, serum, and urine, 9868
 Jerez, Ernesto Sanchez, *see* Sanchez Jerez, Ernesto.
 Jernell, Lloyd S., effects of wing planform on aerodynamic characteristics of wing-body-tail model at Mach numbers, 2412
 Jernigan, Jasper E., trends in forage crop varieties, 17651
 Jerschkowsky, Oleg, basic data on economy of U.S.S.R., 8430
 Jersey cattle, *see* cattle.
 Jersey City, N.J. :
 area wage survey, metropolitan area, 9327
 commodity transportation survey, production area series, 8342
 Jet aircraft, *see* Aircraft.
 Jet Aircraft Noise Panel, alleviation of jet aircraft noise near airports, report, 11214
 Jet airplanes, *see* Airplanes.
 Jet fuels, *see* Fuel.
 Jet plumes :
 exhaust plumes, highly underexpanded, impinging upon perpendicular flat surface, investigation, 6443
 rocket exhaust, plume at low altitude, aerodynamic model, 16762
 jet streams, *see* Winds.
 Jets :
 ethanol, atomization in combustor with oscillatory combustion-gas flow, 15147
 exhaust impingement studies, high altitude, cold gas technique, 1242
 interaction of 2-dimensional jet with parallel flow, 15522
 jet-induced lift loss of jet VTOL configurations in hovering condition, 11062
 jet-induced lift losses on VTOL configurations hovering in and out of ground effect, 6415
 nose-mounted control-systems, effect in roll-control positions on aerodynamics of space vehicle, 6448
 refraction of sound by jet flow or jet temperature, 10960
 water vapor, space vehicle attitude control systems, 13846
 Jewel bearings, United States trade, 3869
 Jewel Cave National Monument :
 general information, 11128
 revise boundary, report, 484
 Jewelers, and jewelry repairmen, employment outlook, 9289
 Jewelry :
 census of manufacturers, industry report, 3905
 costume, census of manufactures, industry report, 5451
 Jewelry repairmen, *see* Jewelers.
 Jigs (machinery) :
 assembly jig assures reliable solar cell modules, 4873
 protects transistors from heat while tinning leads, 11032
 Jin, Kim Sung, *see* Kim Sung Jin.
 Jo Se Chan, *see* Ng, Sheung Wan.
 Job analysis :
 Air Force officer grade requirements project, job descriptions, etc., 6806
 Air Force personnel job inventory, 6808
 airman jobs, evaluation by 4 categories of raters, 16950
 job descriptions—
 ARNG technician program, NGB pamphlet, 11103
 publications, price list, 11178
 occupations in field of library science, 10434
 position and pay management, supervisor development program, basic course, 11394
 specifications for local agency personnel in public welfare family services, 11907
 vocational education, training for yesterday's jobs? 13589

INDEX 1966

- Job Corps:**
administration, hearings, 8666
amendments to economic opportunity act—
hearings, 14498
House report 1568, print additional
copies, report, 13007
reports, 10185, 12945, 16162, 17333
centers—
directory, 10403
list, 14527
conservation centers—
physical development and recreation
manual, 10404
resident youth worker, examination an-
nouncement, 15634
corpsmen and women assist neighboring
communities, 13260
counselor's reference bibliography, 11858
education in youth conservation center,
7276
establishment, act, as amended, 5862
every girl needs chance to become some-
body, Job Corps may be your big chance,
7277
facts, 4269
physical conditioning manual, 618
placement centers, manual, 13259
training centers for women, general in-
formation, 7282
Job descriptions, see Job analysis.
Job evaluation, see Job analysis.
**Job satisfaction, factors, spontaneous com-
ments, 14192**
**Jobs, see Civil service—Employment—Job
analysis—Occupations—Training—Work.**
**Johler, J. Ralph, zonal harmonics in low
frequency terrestrial radio wave propa-
gation, 13866**
**John Day Lock and Dam, compensation to
Umatilla, Oreg., for losses due to project,
report, 15889**
**John Elliot Rankin Memorial Veterans Hos-
pital, naming, report, 10136**
John F. Drews (vessel):
continue coastwise privileges, 12904
**John F. Kennedy Center for Performing Arts,
footlight (periodical), 2984**
John Fitzgerald Kennedy Library:
title to, authorize Administrator of Gen-
eral Services to accept—
hearing, 14424
law, 17098
reports, 15664, 17467
**John V. Boland Construction Co., see Boland,
John V., Construction Co.**
**Johns, Robert H., theoretical elastic mis-
match stresses, 4975**
**Johnsen, Roy L., weight study of partially
segmented direct-condensing radiators for
large space power systems, 4963**
**Johnson, Allan M., demineralization of saline
water by environmentally modulated ad-
sorption, 4551**
**Johnson, Clive E., consumer purchases of
citrus fruit, juices, drinks, and other prod-
ucts, 2794**
**Johnson, David B., Federal-State coopera-
tion in improvement of workmen's com-
pensation legislation, 1687**
**Johnson, Duane A., arms and armaments,
bibliography, 12627**
**Johnson, E. H., hydrogen maser frequency
comparison with cesium beam standard,
7834**
**Johnson, Edward E., index numbers for
mineral industries, 1111**
Johnson, Elton P., relief, 8534, 11545, 11734
Johnson, Eric G., jr.:
calculation of admittance of parallel plate
capacitor containing toroid-shaped sam-
ple, 13867
computation of permeability and permit-
tivity of relatively small ring sample in
toroidal coil, 6479
Johnson, Floyd A.:
bark factors for Douglas-fir, 10570
sample sizes for timber cruises, 4447
**Johnson, Franklyn A., nomination, hearing,
5820**
**Johnson, Harry R., carbon deposition for
thermal recovery of petroleum, 7715**
**Johnson, Howard B., bacterial soft rot in
bell peppers, cause and commercial con-
trol, 6757**
**Johnson, Hugh A., paper presented, Apr. 6,
13, 20, and 27, 1966, 10417**
**Johnson, John, cloud on title to real prop-
erty, remove, 13093**
**Johnson, Joseph L., jr., low-speed force and
flight investigation of various methods for
controlling parawings, 4899**
**Johnson, Louis A., Memorial Veterans' Hos-
pital, see Louis A. Johnson Memorial Vet-
erans' Hospital.**
**Johnson, Lyndon B., see President of United
States.**
Johnson, Nicholas:
remarks, etc.—
Nov. 17, 1965, 1102
Dec. 6, 1965, 1103-4
Jan. 12, 1966, 4745
Feb. 9, 1966, 4746
Feb. 23, 1966, 6280
May 4, 1966, 9352
May 9, 1966, 9353
May 19, 1966, 10900
May 22, 1966, 10901-02
May 25, 1966, 10903
June 4, 1966, 10904
**Johnson, R. L., tips for managing drought-
stricken cottonwoods along lower Missis-
sippi River, 4457**
**Johnson, Raymond H., jr., ultrasonic dis-
persion of sediments for size fraction
radioanalysis, 15277**
**Johnson, Robert W., thermal regulation for
manned spacecraft cabins, 7867**
Johnson, U. Alexis:
address, Jan. 21, 1966, 8056
nomination, hearings, 14481
**Johnson, Weldell C., wind in southwestern
Great Plains, 3736**
**Johnson, Wilfrid E., remarks, Sept. 14, 1966,
14241**
**Johnson County, Wyo., ground-water re-
sources and geology, 12028**
Johnston, Denis F.:
analysis of sources of information on
population of Navaho—
departmental edition, 15498
document edition, 15779A
**Johnston, Felton M., tributes upon retire-
ment, 540**
**Johnston, James R., performance of rocket
nozzle materials with solid propellants,
9541**
**Johnston, Kenneth H., thermal-recovery proj-
ect and 2 waterflood projects in Carter,
Garvin, and Stephens Counties, Okla.,
16560**
**Johnston, Norman, stream catalog of south-
eastern Alaska regulatory district 9, 4426**
**Johnston, Olin DeWitt T., memorial services,
365**
**Johnston, Richard S., space suit develop-
ment status, 6455**
**Joiner, Robert C., digest of pension plans for
salaried employees, 9330**
**Joint Chiefs of Staff, JCS pub. series, 9061,
16389**
**Joint financial management improvement
program, annual report, 8981**

Joint Publications Research Service:
catalog, current translations, 13447
JPRS series, 876-1072, 2147-2278, 2636,
2767-75, 2780, 2865-72, 2876, 2888,
2988, 3039, 3053-54, 3094, 3197, 3328,
3339, 3520, 3524-27, 3557-59, 3561-62,
3587-3618, 3656-77, 3682, 4588-4693,
6103-6247, 7545-7637, 9063-9188,
10701-836, 12089-194, 13449-586,
14789-958, 16391-510, 17750-796

Joint Senate-House Republication Leadership, record of press conference statements, 17407

Joints:
bellows joint absorbs torsional deflections in duct system, 13767
construction, horizontal, in concrete, methods of preparing, 11899
end, evaluation of commercially made end joints in lumber, 3 test methods, 4466
iron stain effects on construction joints, 11899
mismatch in circumferential joint in cylindrical pressure vessel—
comparison of experimental and theoretical stresses, 16676
thickness changes, and meridional load coupling, 16677
portable power tool machines weld joints in field, 7799

Jones, Adam, land conveyance to heirs, 1802

Jones, Benjamin L., effects of agricultural conservation practices on hydrology of Corey Creek basin, Pa., 17725

Jones, Bessie Z., lighthouse of the skies, 8019

Jones, Blair F., hydrology and mineralogy of Deep Springs Lake, Inyo County, Calif., 9018

Jones, David L., Lower Cretaceous (Albian) ammonite genera Leconteites and Brewericeras, 2104

Jones, James R., proceedings against, report, 4093

Jones, Jim J., Langley pilot model expansion tube with hydrogen driver, 11056

Jones, John P., commemoration at Annapolis, Apr. 24, 1906, 15240

Jones, John W., educational programs for visually handicapped children, 8839

Jones, Lawrence A.:
rural home financing through voluntary Home mortgage credit program, 14535
social security amendments of 1965, importance to farm and rural people, 1971

Jones, Milbrey L., book selection aids for children and teachers in elementary and secondary schools, 8836

Jones, Mildred V., wool statistics and related data, 1920-64, 1965 supplement, 15478

Jones, R. L., space suit assemblies, 13815

Jones, Richard K., relief, 5732

Jones, Robert A., use of fusible temperature indicators for obtaining quantitative aerodynamic heat-transfer data, 4986

Jones, Ruben L., deriving earth-centered datum from optical observations of earth's horizon from earth satellite, 7880

Jones, Thomas W., appraisal of oak wilt control programs in eastern United States, 10590

Jones, William B., advances in ionospheric mapping by numerical methods, 13868

Jones, William I., development digest, 2854

Jones, William J., NASA contributions to cardiovascular monitoring, 15084

Jones Bluff lock, Alabama River, Ala., filling and emptying systems, hydraulic model investigation, 10444

Jordan, Max F., economic survey of Ozark region, 17615

Jordan, Russell W., relief, 15813

Jordan:
agricultural economy in brief, 8831
background notes, 6625
mineral industry, minerals yearbook chapter, 4770, 15017
Saudi Arabia boundary, study, 6635

Jordan Ferrando, Maria, relief, 16018

Joseph H. Hirshhorn Museum and Sculpture Garden:
establish—
hearings, 13229, 14439
recommendation, 11606

Joshua Tree National Monument, general information, 6510

Joss, William W., inverse technique application to flow over blunt body at angle of attack, 9419

Josselyn, Irene M., contradictory urges besetting normal young people during psychological changes in adolescence, 274

Journalists:
French Communist, interviewed on stay with National Liberation Front forces in South Vietnam, 2253
Soviet, trip to India, report, 10800

Journals:
Antarctic journal of United States, 5048
civil service, 2750
East European legal, abstracts, 2636
executive proceedings of Senate, 89th Cong., 1st sess., 1883
index, 4156
House of Representatives, 89th Cong., 1st sess., 8486
indexed in index medicus, list, 9564
JAG journal, 3097
journal of research, National Bureau of Standards, 3100-3, 16713, 17937-938
Library of Congress quarterly, 3441
National Cancer Institute, 3099
scientific, availability in defense oriented libraries, 12626
Senate, 89th Cong., 1st sess., 4157
Ships Bureau, 2716
Supreme Court, 3566
see also Medical journals.

JPRS, see Joint Publications Research Service.

JPRS series, 876-1072, 2147-2278, 2636, 2767-75, 2780, 2865-72, 2876, 2888, 2988, 3039, 3053-54, 3094, 3197, 3328, 3339, 3520, 3524-27, 3557-59, 3561-62, 3587-3618, 3656-77, 3682, 4588-4693, 6103-6247, 7545-7637, 9063-9188, 10701-836, 12089-194, 13449-586, 14789-958, 16391-510, 17750-796

Judaism, decline in Moldavia, 14867

Judge Advocate General, Air Force:
digest of opinions, 1961
report, 10381

Judge Advocate General, Army:
digest of opinions, 1961
legal service, pamphlets, 122-124, 1643, 5352-59
reserve component information, 124
semiannual index, 5354
report, 10381

Judge Advocate General, Navy:
digest of opinions, 1961
JAG journal, 3097
index, 1961-64, 1073
report, 10381

Judge Advocates General of Armed Forces:
boards of review, court martial reports, holdings and decisions, 5845
court-martial reports, opinions cited, etc., citators and index, 10384
digest of opinions, 1961

Judges:
circuit and district, additional, appoint—
hearings, 4138
law, 7036
reports, 4111, 5663

Judges—Continued
 Court of Claims, provide for 2 additional—
 law, 10076
 reports, 8552, 8625
 District of Columbia Court of General Sessions—
 increase number, hearing, 7129
 increase retirement salaries—
 law, 15765
 report, 10120
 district, Puerto Rico, tenure—
 law, 17101
 report, 17479
 Federal, judicial fitness, removal, retirement, and disciplining procedures, hearings, 7222
 retired, court of appeals, court of general sessions and juvenile court of D.C., increase retirement salaries—
 law, 15757
 report, 16114
 Tax Court, retired pay, change method of computing—
 law, 5580
 report, 4169
 Judgments, *see* Actions at law—Claims—
 also names of courts, etc., rendering judgments—also special subjects.
 Judicial Conference of United States:
 proceedings, reports—
 departmental editions, 5258, 9771, 11331
 document editions, 5601, 11614
 Judicial procedure, *see* Civil procedure.
 Judicial review:
 constitutionality of grants or loans under certain acts—
 hearings, 11818, 13223
 report, 13161
 Judiciary, *see* Courts of United States—Justice Department—State courts.
 Judiciary Committee, House:
 activities, summary, 4141
 additional funds, report, 5641
 Antitrust Subcommittee publications, index, 7154
 calendar, 3121
 committee prints, 520-521, 4140-41, 7154, 10254
 hearings, 4137-38, 5699, 8672-73, 10253, 11668-671, 14129-430, 15983, 17388
 history, 4140
 investigations and studies, authorization, report, 8600
 reports, 471-476, 1803-17, 1819, 1841, 4074-80, 4098, 4100, 4111, 5625-32, 5656, 7072-77, 8510-41, 8552, 8563-65, 8607-8, 8619, 8631, 10106-117, 10122, 10155-158, 10163, 12866-903, 12923, 12929, 12952-956, 12972, 14389, 15791-825, 15827-835, 15883-886, 15888-889, 15891, 15910, 17174-177, 17179-181, 17222-223, 17232, 17236, 17243-247, 17292
 Judiciary Committee, Senate:
 calendar, 3139
 committee prints, 581, 585, 4227, 7219-20, 8780, 8783, 10353, 10355, 10358, 13224, 14497, 17586
 hearings, 580, 582-584, 586-588, 1942-48, 4225-26, 4228-29, 5816-17, 7221-25, 8781-82, 8784-85, 10352, 10354, 10356-357, 10359, 11815-821, 13221-223, 14492-496, 16190-191, 17587-588
 investigations and studies—
 administrative practice and procedure in Federal agencies—
 authorization, report, 4186
 report, 5782
 antitrust and monopoly laws, administration—
 authorization, report, 4187
 report, 17461

Judiciary Committee, Senate—Continued
 investigations and studies—continued
 constitutional amendments, authorization, report, 4205
 constitutional rights, authorization, report, 4188
 criminal laws and procedures, authorization, report, 4189
 encroachments by executive and judicial branches upon powers of Congress, report, 17546
 Federal charters, holidays, and celebrations, authorization, report, 4190
 Federal judicial system, authorization, report, 4206
 immigration and naturalization—
 authorization, report, 4191
 report on findings, etc., 5781
 internal security laws, etc., administration, authorization, report, 4192
 internal security laws, gaps in, investigations, etc., hearings, 16190
 juvenile delinquency—
 authorization, report, 4193
 report on findings, 16160
 national penitentiaries—
 authorization, report, 4194
 report on findings, 8727
 Patent Office administration and patent statutes, authorization, report, 4195
 refugees and escapees, authorization, report, 4196
 revision and codification of U.S. statutes—
 authorization, report, 4197
 report, 5783
 trading with the enemy act, etc.—
 extension, report, 10295
 report, 5780
 reports, 547, 550, 555, 1888-1908, 1912-13, 1917, 1921, 1923-24, 4166, 5722-50, 5772-74, 5776-77, 5779-83, 7177, 8692, 8694-8721, 8727, 8741, 10284-285, 11701-734, 11758-763, 13094-120, 13124-125, 13127-128, 13130, 13157-159, 13164-165, 13187, 14453, 14455, 14458, 16003-12, 16014-27, 16029-44, 16047-64, 16082-87, 16100, 16107-108, 16122, 16154-156, 16160, 16163, 17409-412, 17419-458, 17461, 17477-482, 17551, 17554-555, 17560
 Judson, Arthur, weather and climate of high mountain pass in Colorado Rockies, 4475
 Judy, R. W., Jr., fractographic analysis of Ti-7Al-2Cb-1Ta and Ti-6Al-4V fractures developed in wet fatigue, 12423
 Judy, William V., calorogenic response of warm- and cold-adapted rabbits to intravenous infusion of epinephrine, etc., 9858
 Juices, canned, economic inquiry into marketing, 2033
 see also Fruit juices.
 Jun Ki Sook, *see* Ki Sook Jun.
 Junction connectors for strategic placement of television cameras, 15121
 Juneau, Alaska, principal electric facilities, map, 7381
 Jung Won Loy, relief, 8514, 14346
 Junior colleges:
 District of Columbia, establish, authorization, hearings, 10337
 public community and vocational college, establish in D.C.—
 hearings, 17370
 report, 17488
 Junior high schools, life sciences in space age setting, 12263
 Juniper, *see* Cedar.
 Junkyards:
 along Federal-aid highways, control—
 costs, 1967 estimate, instruction manual, 11204
 report, 546
 Jupiter (planet):
 trajectories, planetary flight handbook, 9445

Jurisdiction:

Federal Power Commission, exempt non-profit cooperatives, clarify, hearings, 1931
 Fort Lyon Veterans Hospital, retrocede to Colorado, report, 10132
 legislative, over Camp Atterbury, retrocede to Indiana—
 hearing, 17360
 report, 12995
see also Criminal jurisdiction—Venue.

Jurkevich, I., non-linear regression analysis and analysis of variance of periods defined by irregular observations, 9434

Jury:

duty, women, eligibility, laws, 12572
 free press and fair trial, constitutional rights and guarantees, hearings, 4225
 selection of jurors, eliminate discrimination, message from the President, 8509
 selection, protect civil rights—
 hearings, 11671, 14493
 report, 12929

Justice, administration, hearings, 1748

Justice Department:

annual report, 9190
 Antitrust Division, activities relating to small business, hearings, 15990
 appropriations, 1966, budget amendments, 8691
 appropriations, 1967—
 hearings, 15957, 17567
 reports, 15938, 17539
 contracting procedures for employment of appraisers to value Indian lands, GAO report, 13374
 judicial administration, code of Federal regulations, 7398
 opinions of Attorney General, 3299, 6248, 7638, 9191-92, 14959
 register, 10837

Jute, line brattice systems, performance characteristics for face ventilation in underground bituminous coal mines, 6317

Juvenile courts:

legal bibliography, 9974
 standards, 9976
 statistics, 3948

Juvenile delinquency:

and youth offenses control act, training grants awarded, Sept. 1964-Sept. 1965, summaries, 16906
 correction series, 14084
 gangs, new developments in research and theory, 2515
 international bibliography on crime and delinquency (periodical), 3074
 investigation—
 authorization, report, 4193
 reports on findings, 1924, 16160
 parole series, 12566, 14079-82
 prevention and control, project innovation, seeking new answers, 14083
 profile of youth, 17408
 public institutions for delinquent children, 1964, statistics, 3947

K

Kaapke, Lyle D., multiple linear regression analysis of officer career attitudes, 3790
 Kachadoorian, Reuben, effects of earthquake of Mar. 27, 1964, at Whittier, Alaska, 4525
 Kaestner, Gottfried R., relief, 11714, 15695
 Kalama, Wash., railroad accident, 6095
 Kalamazoo, Mich., artesian glacial-drift aquifer, induced recharge, 13416
 Kallio, N. A., effect of vertical motion on current meters, 17731
 Kalman, R. E., user's manual for automatic synthesis program, 12265
 Kalman-Schmidt filter, satellite attitude determination, 16608-609

Kaluga, Russian, SFSR, turbine plant, reasons for labor turnover, 17773
 Kammer, E. W., transducer loading effects on ultrasonic transit time measurements, 1366
 Kampinsky, A., passive communications satellite (Echo II), 9505
 Kana, Daniel D., liquid surface oscillations, in tanks, 13719
 Kanning, Gerd, measured performance of water vapor jets for space vehicle attitude control systems, 13846
 Kansas:
 assistance for reconstruction of areas damaged by tornadoes, hearings, 11792
 bluestem, Flint Hills, pasture report, 15375
 census of governments, 1962, State report, correction, 209
 census of manufactures, 1963, area statistics, 15569
 climatological data, 2751
 concurrent jurisdiction over Haskell Institute, retrocede—
 law, 11551
 reports, 7097, 10312
 congressional districts, 90th Congress, 15607
 county business patterns, 1964, 228
 floods, June 1965, subcommittee report, 11681
 iron and steel scrap, 9360
 life tables, 18024
 Little Blue River basin, fluvial sediment and chemical quality of water, 17728
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 mineral industry, minerals yearbook chapter, 1127
 precipitation data, hourly, 3045
 public transit compact for Kansas City area, approval—
 law, 15766
 reports, 13159, 17223
 Sherman County Soil Conservation District, terraces protect the land, wind-breaks the farmstead (colored poster), 9675
 soil survey laboratory data and descriptions, 16838
 stored wheat, 4 inert dusts for protection from insect attack, evaluation, 14110
 women workers, 14097
 Kansas City, Kans.:
 area wage survey, 6265
 census of business, 1963, major retail centers, standard metropolitan statistical area, errata, 184
 Kansas City, Mo.:
 aircraft accident, 12735
 area wage survey, 6265
 census of business, 1963, major retail centers, standard metropolitan statistical area, errata, 184
 principal electric facilities, map, 7376
 Kansas City Area Transportation Authority:
 compact creating, approval—
 law, 15766
 reports, 13159, 17223
 Kansas City Area Transportation District:
 compact creating, approval—
 law, 15766
 reports, 13159, 17223
 Kansu Province, agricultural regions in mixed agro-pastoral realm, preliminary research, 12117
 Kao, Timothy W., concentration profile establishment of binary gas mixture in swirl and duct flows, 9394
 Kaolin, coarse, continuous attrition grinding, 1165
 Kapitsa, P. L., Soviet scientist acknowledges shortcomings in industrial application of Soviet scientific achievements, 6128

- Kaplan, Harry, predilection of success in Army aviation training, 3843
- Kaplan, Irving, U.S. Army area handbook for Syria, 5366
- Kaplan, Margorie N., USAF officer evaluation system survey, 6805
- Kara Kalpak Autonomous Soviet Socialist Republic, *see* Uzbek Soviet Socialist Republic.
- Kara-Kalpak language, atheistic pamphlets, published for propaganda purposes, 9068
- Kara-Kalpakistan, *see* Uzbek Soviet Socialist Republic.
- Karr, Clarence, Jr., influence of continuous carbonization method, temperature, and carrier gas on amounts of pyrolysis products, etc., 16583
- Karras, Thomas J., equivalent noise bandwidth analysis from transfer functions, 1241
- Karski, Alexander P., *see* Kaznacheev, Aleksandr.
- Karst, depostis, Madison group, Livingston, Mont., discussion, 4522
- Kashmir, apple of discord, 945
- Kaskaskia River, Shelbyville Dam, spillway and outlet works, hydraulic model investigation, 11897
- Kasten, Fritz, albedo and sky radiance measurements in Greenland, 11395
- Katell, Sidney, bibliography of investment and operating costs for chemical and petroleum plants, 12235
- Kattegat:
lights and fog signals, list, changes, 1338, 6523, 9584, 16747
sailing directions, change, 12402
- Katz, Darryl, acoustic displays of flight parameters, 13710
- Katzenbach, Nicholas deB., nomination, hearings, 17579
- Katzman, Robert, acidic lipids, ionic, surface and membrane properties, 10671
- Kaufman, Alvin, water use in mineral industry, 6290
- Kaufman, Larry:
evaporation in Ta-Hf-C system, 9429
vaporization of liquid uranium bearing systems at very high temperatures, 2368
vaporization of liquid uranium, metal, and carbon systems at 9000° and 10,000° R, 15076
- Kaufman, Lawrence A., engine failure protective warning systems in single-engine turbine helicopter, 3838
- Kaur, Bibi Daljeet, relief, 380
- Kavanagh, Patrick, through-flow solution for axial-flow turbomachine blade rows, 4820
- Kawa, Walter, reaction of coal in argon and argon-hydrogen plasmas, 15030
- Kawamura, Teruyoshi, phytoplankton populations in Sandy Hook Bay, etc., 7444
- Kawenski, Edward M., stoppings for ventilating coal mines, 4793
- Kay, Evelyn R., how to establish current reporting of employment, hours, and earnings in developing countries, 12209
- Kayenta quadrangle, Ariz., geology, 816
- Kaykaty, Gabriel, analysis of performance of double-reflector system for collecting solar energy, 13837
- Kazakh Soviet Socialist Republic:
Academy of Sciences—
Biological Science Department, scientific activity of institutions, 14923
election of vice-president, 7584
anti-malarial measures, 10815
fish reserves in reservoirs, USSR conference, 10787
fishery resources, conference, 12163
hydrobiological research, 9147
public health progress, 14915
southern, statistical structure of wind field, 14877
- Kazakhstan, *see* Kazakh Soviet Socialist Republic.
- Kazanowski, Edward J., wholesale prices and price indexes, 13620
- Kaznacheev, Aleksandr, relief, 472
- Keala, Betty Ann L., table of sigma-t with intervals of 0.1 for temperature and salinity, 7441
- Kear, John C.:
business machines and equipment in France, 7007
market data on business machines in Sweden, 10023
scientific, industrial and technical instruments and equipment in Japan, 4014
- Kearns, Thomas F., oil and gas lease, reinstatement, report, 17491
- Keefe, H. Douglas, industrial equipment industries in France, 5550
- Keefer, W. R., Paleozoic formations in Wind River basin, Wyo., 17720
- Keen, F. P., western pine beetle, 14694
- Keeping a cow, 9820
- Kehn, Thomas M., geology of Ransom quadrangle, Lackawanna, Luzerne, and Wyoming Counties, Pa., 13397
- Keighton, W. B., fresh-water discharge-salinity relations in tidal Delaware River, 10647
- Keilin, B., structure and properties of reverse osmosis membranes, 2114
- Keller, M., three-photo aerotriangulation, 11504
- Keller, W. C., values for scattering by dielectric spheres in region of first resonance, 12439
- Kelley, Charles R., role of prediction in training with simulated orbital docking task, 13910
- Kellogg, Frazier, 20 years of experience under Employment act of 1946, 7231
- Kellog, H. B., 1000 MWe supercritical pressure nuclear reactor plant study, 161
- Kelly, C. F., chronic acceleration studies, physiological responses to artificial alterations in weight, 9415
- Kelly, James E.:
oral hygiene in adults, United States, 1960-62, 12489
periodontal disease in adults, 1960-62, 1439
- Kelly, Thomas C., effects of model geometric accuracy on comparison of wind-tunnel and flight pressure measurements on launch vehicle, 6445
- Kelly, Walt, Pogo, welcome to the beginning, work training, 2284
- Kemp, Barbara H., youth we haven't served, 8854
- Kemp, William B., Jr., ground effects related to landing of airplanes with low-aspect-ratio wings, 16663
- Kemper, W. D., aggregate stability of soils from western United States and Canada, measurement procedure, correlations with soil constituents, 11369
- Kenai, Alaska, Federal grants for airport improvements, Federal Aviation Agency, GAO, review, 17711
- Kenai Lake, earthquake of Mar. 27, 1964, slide induced waves, etc., 13411
- Kenai National Moose Range, general information, 8941
- Kendall, Ronald F., mass and infrared spectra of selected unsaturated hydrocarbons and oxygenates, 17863
- Kenilworth Aquatic Gardens, general information, 1331
- Kennebec River, water resource appraisals for hydroelectric licensing of basin, planning status report, 4385
- Kennedy, James G., characteristics of U.S. rice fields and their effects on ground mobility, 5891
- Kennedy, John F., assassination, preserving evidence, law, 420

- Kennedy, John Fitzgerald, Library, *see* John Fitzgerald Kennedy Library.
- Kennedy, Marjorie D., confectionery sales & distribution, 1964, 173
- Kennedy round, *see* General agreement on tariffs and trade.
- Kennerly, Edwin B., digest of public general bills and selected resolutions, 2855
- Kenosha, Wis., commodity transportation survey, production area series, 9957
- Kent, James A., preparation of wood-plastic combinations using gamma radiation to induce polymerization, 12683
- Kentucky:
- Bluegrass area, tobacco-livestock farms, costs and returns, 14531
 - census of governments, 1962, State report, correction, 210
 - census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
 - climatological data, 2751
 - congressional districts, 90th Congress, 17014
 - county business patterns, 1720
 - eastern coal fields, chemical and physical properties of spoil banks, 5990
 - Fayette County Soil Conservation District, fine horses, forage, and fences in Bluegrass country (colored poster), 9676
 - flow characteristics of oil-producing sandstones, laboratory evaluation, 12258
 - forests—
 - Blue Grass Unit, 14718
 - Eastern Unit, 11995
 - Northern Cumberland Unit, 11996
 - Pennroyal Unit, 14717
 - Southern Cumberland Unit, 4477
 - Western Coalfield Unit, 14720
 - Western Unit, 14719
 - hardwood circular sawmills, cause and cost of production delay, 5977
 - Harrodsburg limestone, 9015
 - life tables, 18025
 - logging in southeast, harvesting costs, etc. on mechanized operation, 5976
 - lumber produced by sawmills, geographic destination and market outlets, 5979
 - mineral districts, regional structure, 6029
 - mineral industry, minerals yearbook chapter, 1128
 - Ohio River Valley, alluvial deposits, hydrology, 4530
 - precipitation data, hourly, 3045
 - south and southeast-central, Borden formation (Mississippi), 10634
- Kenya:
- agricultural commodities, agreement, 1501, 6649, 8087, 15357
 - background notes, 18110
 - economy, basic data, 346
 - extradition treaty, 6646
 - foreign trade regulations, 15646
 - market for U.S. products, 12059
 - mineral industry, minerals yearbook chapter, 7695
- Keogh, Eugene J., award of Order of Isabella the Catholic, authorize acceptance, 17066, 17413
- Keplec's laws, *see* Orbits.
- Keppel, Francis:
- addresses—
 - May 31, 1965, 5873
 - June 12, 1965, 4300
 - June 22, 1965, 4314
 - July 20, 1965, 4310
 - Aug. 23, 1965, 4308
 - Oct. 7, 1965, 8840
 - Oct. 28, 1965, 8853
 - Nov. 10, 1965, 4321
 - Nov. 18, 1965, 7299
 - Nov. 22, 1965, 7313
 - Dec. 2, 1965, 8844, 8852
 - Dec. 16, 1965, 8841
- Kermit area, Ky., geology and coal reserves, 9019
- Kern National Wildlife Refuge, birds, list, 8942
- Kerns, William H., sodium and sodium compounds, 13701
- Keroher, Grace C., lexicon of geologic names of United States, 9008
- Kerr, Arnold D., new foundation model, 12649
- Kerr, James R.:
- mineral industry of—
 - Pennsylvania, 2340
 - Vermont, 1148
 - West Virginia, 2346
- Kerr, R. B., signal and noise level estimation in coherent PCM channel, 7734
- Kerr-Mills program, *see* Medical care.
- Kershner, Alan M., electroluminescent vs teletype readability of weather messages, 6801
- Kesterke, Donald G., fused-fluoride electro-winning of thorium-base alloys, 10927
- Ketchikan, Alaska, principal electric facilities, map, 7381
- Ketner, K. B., mineral resources of stratified primitive area, Wyoming, 12016
- Ketones, blood ketones during progressive hyperthermia, 12635
- Keulegan, Garbis H., approximate theories of pneumatic wave generators, 10442
- Keweenaw Basin, tectonics, western Lake Superior region, 9020
- Key, Wallace W., use of fillers, etc., in California asphalt-consuming industries, 13683
- Key deer, *see* Deer.
- Key Largo Coral Reef Preserve, Fla., echinoid distribution and habits, 1461
- Key to aviation weather reports, 11316
- Key to meteorological records documentation, 1535, 4346, 5226, 5900, 8867, 11902, 14579-580
- Keyed plugs and sockets prevent improper connections, 4875
- Keypunch controls for string-punching of statistical data, 5016
- Keys, *see* Locks and keys.
- Keyserling, Mary D.:
- addresses, etc.—
 - Oct. 29, 1965, 6698
 - Nov. 4, 1965, 1566
 - Nov. 11, 1965, 1560
 - Nov. 16, 1965, 1551
 - Nov. 30, 1965, 1554
 - Feb. 5, 1966, 5250
 - Apr. 4, 1966, 9769
 - May 3, 1966, 9768
 - June 29, 1966, 12571, 16911
- Khalafalla, Sanaa E., adsorption phenomena and reduction of iron oxides, 4789, 16577
- Khandker, N. Alam, some observations on distribution of Penaeid shrimp in eastern Venezuela, 748
- Khapra beetles, *see* Beetles.
- Khingan, Inner Mongolian Autonomous Region, Manchuria, China, 39th Army operation, 1945, USSR study, 1065
- Ki Sook Jun, relief, 5749, 8458
- Kidnaping, Soviet policy, instrument, hearing, 583
- Kidney Disease Branch, PHS, general information, 2534
- Kidneys:
- diseases, guide for public health personnel, 5110
 - renal disease and hypertension, Public Health Service cooperative studies, conferences, proceedings, 15296
 - renal failure, acute and chronic, serum and parotid fluid free 17-hydroxycorticosteroid levels, 1627
 - see also* Artificial kidney.
- Kieffer pears, *see* Pears.
- Kieley, James F., cancer programs of U.S. Public Health Service, 4531

- Kier, Porter M.:
echinoid distribution and habits, Key Largo Coral Reef Preserve, Fla., 1461
eocene echinoids from Barbados, 18097
- Kiev, Ukrainian SSR, general engineering faculties, teachers, seminars, 6138
- Kil Ja Chung, *see* Chung, Kil Ja.
- Kilauea Volcano:
acid fumarolic gas from, 4523
chemistry of lavas, 7488
1959-60 eruption (series), 4523-24, 7488, 12026
petrography of lavas, 4524
- Killingworth, Charles C., seminar on manpower policy and program, structural unemployment in United States, 4700
- Kiln-drying, *see* Kilns.
- Kilns:
high-temperature kiln drying of lumber, bibliography, 16336
kiln-drying news and views, warp reduction, 4439
operation and maintenance of lumber dry kilns, Australian study, 10564
- Kim Kap Yung, *see* Yung, Kim Kap.
- Kim Kin Soon, relief, 8719, 15693
- Kim, Stephen M., electrodeposition of actinides and lanthanides, 5394
- Kim Sung Jin relief, 394, 1900
- Kim Yung Mi, relief, 16017
- Kimball, Eloise M., decisions of Department of Interior, 1964, 2112
- Kimbell, Charles L.:
mineral industry of—
Argentina, 10911
Basutoland, Bechuanaland, and Swaziland, 4761
Burundi, Cameroon, Central African Republic, Chad, etc., 9362
South-West Africa, 6305
- Kimzey, J. H., flammability in zero-gravity environment, 17932
- Kindergarten:
educating disadvantaged children under 6, 5671
enrollment of children under 6, 10428
teaching poison prevention, guide, 6578
- Kinematics, transformations of several mechanisms, 12270
- Kinetics:
behavior of sugars in solution, progress report of Organic Chemistry Section, July 1965-June 1966, 17944
cell proliferation, in epithelia of hibernating dormice, 9859
desorption, multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
electrochemical analysis of acids, etc., by kinetic method, 16717
fluorination of iron, 15180
recuperation following 55 Mev proton irradiation, 5335
see also Chemical reactions.
- King, Everett E.:
electrodynamics of superconducting parallel path circuit, 16770
magnetic torque of ideal superconducting toroids, 16771
- King, J. Derwin, vibrating diaphragm pressure transducer, 15082
- King, Margaret L., Sweden, educational data, 656
- King, Richard A., peanut handling, economic implications of shift from bag to bulk in Virginia-North Carolina area, 9822
- King, W. F., bias determination of mass spectrometric isotopic analysis of boron using prepared standards and sodium and cesium tetraborate charge material, 11427
- King Faisal of Saudi Arabia, *see* Faisal, King, of Saudi Arabia.
- Kinkade, Robert G., tactical decision making behavior, 8194
- Kinnen, Edwin, electrical resistivity of lung at 100 kc./sec., 12638
- Kinney, Edward C.:
cooperative fishery units, annual report, 766
Division of Fishery Management Services, annual report, 765
- Kinney, Jo Ann S.:
effect of exposure time on induced color, 13660
recovery of foveal acuity following exposure to various intensities and durations of light, 13665
- Kinzua Dam:
designate—
law, 15769
report, 16126
- Kirby, James G., crude petroleum and petroleum products, 1108
- Kirby, Robert H., dynamic stability and control characteristics of fan-in-wing VTOL airplane, 13807
- Kirghiz Soviet Socialist Republic, religious vestige, 6113
- Kirgiziya, *see* Kirghiz Soviet Socialist Republic.
- Kish, Joseph L., protection of vital records, 15622
- Kisilewski, Walter E., radioisotopes and life processes, 11444
- Kistler, R. W., Dinkey Creek roof pendant, 10645
- Kit o'tips for youth and their employers, aids to safety, 10848
- Kites, moored, Federal aviation regulations, 10463
- Kits, *see* Dental kits—Tool kits.
- KIWI B (rocket), *see* Rockets.
- Klamath River and Valley, Klamath Basin, water pollution, study, 8933
- Klawitter, Ralph A., slash pine response to drainage, 16331
- Klebba, A. Joan, mortality from diseases associated with smoking, United States, 16811
- Kleber, Brooks E., chemicals in combat, 9358
- Kleh, Thomas R., ionizing radiation effects on eyes of personnel in nuclear-powered submarine, 14991
- Klein, Gerhard, multicomponent ion exchange in fixed beds operated under equilibrium conditions, etc., 12050-51
- Klein, J. L., beryllium windows from CEA bubble chamber, 9922
- Klein, Julius, relationship with Thomas J. Dodd, hearings, 16198
- Klement, Alfred W., jr.:
natural environmental radioactivity, annotated bibliography, 160
radioactive fallout from nuclear weapons tests, 5284
terrestrial and freshwater radioecology, 11434
- Klier, E. P.:
conditions of failure in fatigue cracked 4340 steel, 6541
cooling transformations in certain uranium-bearing steels, 2492
- Klinger, F. L.:
mineral industry of—
Belgium, 10912
Finland, 7693, 17842
Italy, 7694
- Klingman, Charles L., adsorptivity of charcoals, 17856
- Kloepper, Dean L., solvent processing of coal to produce de-ashed product, 312
- Kloos, Edwin J.:
gas masks for respiratory protection against—
amines, 13681
phosphine, 13678

- Klopp, William D. :
mechanical properties and recrystallization behavior of electric-beam-melted tungsten compared with arc-melted tungsten, 4966
mechanical properties of dilute tungsten-rhenium alloys, 16654
- Klove, Robert C., census tract manual, 5454
- Klyce, Donald F. :
mineral industry of—
Indiana, 1125
Michigan, 2334
- Knapp, Joseph G. :
addresses, lectures, etc., Sept. 14-24, 1965, 5911
basic cooperative features, 14590
- Kniffin, Fred W. :
distribution cost analysis, 16819
retail credit and collections, 15324
- Knight, John T., claim against U.S., 12881
- Knipling, E. F., population models to test theoretical effects of sex attractants used for insect control, 9815
- Knit goods, *see* Textiles—also names of clothing.
- Knitting mills, census of manufactures, industry report, 3887
- Knives, adjustable, to cut honeycomb material, 11029
- Knodel, Paul C., soils tests computer programs, 16817
- Knott, Edward M., homemakers' opinions and preferences for broiler-fryers and turkeys, 14141
- Know your FBI, 7359
- Knowledge :
human knowledge turns to all men in all nations (remarks), 15542
theory of organization as independent branch, 10772
- Knowles, Paul H. :
reconnaissance for uranium in Lonquimay area, province of Malleco, Chile, 5400
uranium exploration in Chile, 6859
- Knudsen effusion apparatus for vapor pressure measurements, 17858
- Knudson, A. R., tables of spherical Hankel functions of imaginary argument, 1375
- Koa, phenology of *Acacia koa* on Mauna Loa, Hawaii, 10577
- Kobayashi, Shigeo, influence of boundary conditions on buckling load of cylindrical shells under axial compression, 15061
- Kobett, D. R., flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, 15050
- Koch, George S., Jr., delineation of Texas lignite beds by statistical techniques, 16578
- Koch, H. W., nuclear and radiation standards of importance to national atomic energy program, 7919
- Kock Kong Fong, *see* Fong, Kock Kong.
- Kodiak, Alaska :
property conveyed to, terminating use restrictions—
law, 15718
reports, 10321, 12951
- Kodiak National Wildlife Refuge, birds, 760
- Koenig, Elizabeth, cancer and virus, guide and bibliography, 13960
- Koenigs, J. W., evaluation of antibiotics for control of comandra rust on lodgepole pine, 15436
- Koestler, Alfred G., effect on chimpanzee of rapid decompression to near vacuum, 1188
- Koestler, Frances A., portrait of median city, capsule view of social welfare programs in United States, 16905
- Kofa Game Range :
birds, 4417
general information, 759
- Kofsky, Milton G., radial inflow turbine designed for Brayton cycle space power generation system, 4898
- Kohler, Roy D., nomination, hearings, 17579
- Kolar, Michael J., thermal boundary in confined liquid, 9521
- Kolkhozes, *see* Collectives.
- Kollar, K. L., regional requirements for sewer pipe in sewerage utilities, 5435
- Kollmann, George, chemical protection against radiation damage to immune response in mouse spleen cells in vitro, 15494
- Kollmeyer, Ronald C., oceanography of Grand Banks region of Newfoundland, 14317
- Kolodrubetz, Walter W., private pension plan benefits, 14978
- Kolstad, G. A., pulsed high intensity fission neutron sources, proceedings of symposium on uses, etc., 5385
- Komanowsky, M., drum-dried mushrooms, new product, 12584
- Kommunist (periodical) :
translations, 3589
- Kommunist Ukrayiny (periodical) :
translation, 9183
- Koning, J. W., Jr., comparison of 2 specimen shapes for short column test of corrugated fiberboard, 4440
- Konkle, Ward W., agricultural science review, 2652
- Kononov, Nikolay V., obituary, 14809
- Koos, William M., soil survey report, Crosby County, Tex., 6617
- Kootenai Indians :
Confederated Salish and Kootenai Tribes of Flathead Reservation, lands held in trust for—
law, 17093
reports, 10311, 12932
- Korea :
ancient novae and supernovae recorded in annals, and their significance in radioastronomy, 4993
background notes, 14026
- North—
church and state under Communism, 8780
economic reports, translations, 2876
Government structure, 13551
mineral industry, minerals yearbook chapter, 4771
political and sociological information, translations, 3591
yearbooks, 9098, 9119
- Republic—
agricultural commodities, agreement, 11274
atomic energy, cooperation for civil uses, agreement, 8086
education, exchange programs, financing, agreement, 9733
gazetteer, official standard names, 6027
higher educational reforms, 4306
mineral industry of South Korea, minerals yearbook chapter, 1145, 16564
use of dollars rather than foreign currencies to pay U.S. expenses, GAO report, 812
- South, *see* above, Republic.
- Korean War, 1950-53, history of U.S. Army truce tent and fighting front, 13668
- Kormanik, Paul P. :
new variety of sweetgum, 10588
predicting site index for Virginia, loblolly, and shortleaf pine in Virginia Piedmont, 8977
- Kornegay, Marshall R., proceedings against, report, 4094
- Korst, H. H., non-isoenergetic turbulent (Prt-1) jet mixing between two compressible streams at constant pressure, 9397
- Kosmahl, H. G., optimum design of magnetic braking coils, 4910
- Kosmos, *see* Satellites.
- Kost, Keith, public health reports, 3427
- Kotula, Leo J., research on selection of officer candidates and cadets, 15525
- Koutsougeanopoulos, Vasileos, relief, 1899
- Kowal, R. J., southern pine beetle, 7452

INDEX 1966

- Kowalczyk, George J., enrollment for supplementary medical insurance, July 1, 1966, 16829
- Krakow, Poland, American Research Hospital for Children, history and dedication, report, 7100
- Krall, Allaa M.:
Michailov criterion for exponential polynomials, 10956
root locus diagrams by digital computer, 15059
- Kramer, Edward F., jr., physiological effects of 18-hour flight in F-4C aircraft, 12642
- Kramer, Fritz, predicted acoustical performance of S-1C sound suppressor, 9525
- Kramer, Lucy M., training health service workers, critical challenge, 14759A
- Krammes, Jay S., streamflow records from San Dimas Experimental Forest, 4448
- Kranz, Harry:
CAUSE [Counselor-Advisor University Summer Education] II prepares 2,000 to counsel youth, 662
taking stock YOC'S, 10435
- Krause, Frank W., remarks, Feb. 4, 1966, 16986
- Krawec, Roman, steady-state composition of low-density nonequilibrium hydrogen plasma, 17912
- Kreffing, Laurits W., birds of Isle Royale in Lake Superior, 14676
- Krickich, Joseph:
mineral industry of—
Connecticut, 17840
New Jersey, 1137
Ohio, 2339
- Kriebel, A. R., predicted and measured performance of 2 full-scale ducted propellers, 16599
- Krieger, Medora H., geology of Prescott and Paulden quadrangles, Ariz., S18
- Krislov, Joseph, early retirement provisions of State and local government retirement systems, 6610
- Kristofferson, Alfred B.:
quantal interpretation of sensory channel uncertainty and reaction time, etc., 9427
successiveness discrimination, 9426
time constant involved in attention and neural information processing, 9402
- Krivoy Rog Mining Institute, disagreement among scientists, USSR, 16395
- Kromer, George W.:
talks, Nov. 18, 1965, 4290, 4292
trends in U.S. corn oil production and use, 7287
- Krupenie, Paul H., band spectrum of carbon monoxide, 13859
- Kruse, E. G., flow resistance in simulated irrigation borders and furrows, 13
- Kryjanovskaja, Maria, relief, 8706
- Krylov-Bogolulov and Poincaré methods, *see* Equations.
- Krypton, bromine dissociation rates, shock-tube investigation, 13821
- Krypton isotopes, Kr-85, development as universal tracer, 8289
- Kryter, Karl D., review of research and methods for measuring loudness and noisiness of complex sounds, 7741
- Krzykowski, Kazimierz (Casimer):
relief, 12900, 14355
- Krzywicki, Harry J., human body density and fat of adult male population as measured by water displacement, 14235
- Ku Klux Klan, organizations, investigation, report, 17352
- Kuchta, Joseph M., hot gas ignition temperatures of hydrocarbon fuel vapor-air mixtures, 17866
- Kuenzi, E. W., buckling coefficients for sandwich cylinders of finite length under uniform external lateral pressure, 2059
- Kuhlman, William F., relief, 8523, 11539, 11732
- Kuklis, Andrew, mineral industry of Missouri, 2335
- Kukpowruk River area, coal from Arctic northwestern Alaska, sampling and coking studies, 12240
- Kung-Lee Wang, review of mineral industries (metals and nonmetals except fuels), 1170
- Kupper, Hubert J., relief, 8533, 14366
- Kurchatov, Igor V., Soviet physicist, story of his life, 16450
- Kurdistan, national liberation movements, 1943-57, 14910
- Kurds, religious activities, USSR study, 14801
- Kuroiwa, Daisuke, application of thermal etching to study of surface abrasion in ice crystals, 1636
- Kurtz, Robert L., experimental measurement of optical angular deviation caused by atmospheric turbulence and refraction, 11065
- Kurzbach, Elmar, pharmacologic side effects of tranquilizers and antidepressants, 5325
- Kurzhaas, Peter R., system for inertial experiment pointing and attitude control, 15202
- Kusler, David J.:
mineral industry of—
Maine, 1130
Virginia, 1149
- Kutta-Joukowski condition, role in cloud systems with circulation, 12563
- Kuwait:
foreign trade regulations, 7010
mineral industry of Kuwait-Saudi Arabia neutral zone, minerals yearbook chapter, 1129
- Kwajalein Atoll, vertical distribution of water vapor, 12440
- Kwok-Long Chan, *see* Chan, Kwok-Long.
- Kyanite, and related minerals, minerals yearbook chapter, 13685
- Kyaspert, Iokhannes, life and work, USSR, 13567
- Kybernatike (periodical):
translation, 2196
- Kyle, Hugh C., Jr., value of new construction in place, 5458
- Kyle, Robert G., effect of wing leading-edge shape on aerodynamic characteristics of 67° swept wing-body model, 16691

L

- L series, 11491, 14290
- LaBau, Vernon J., aerial photo scale-projector, 4445
- Labels:
catalog of copyright entries, 597, 5839, 17603
fair labeling legislation, message from the President, 7068
fair packaging and labeling act—
hearings, 15980-981
reports, 15928, 17321
food retailing, private label products, 15218
foods, private labels, frequency of use by distributors, 16733
hazardous substances labeling act—
amend—
hearings, 15979
reports, 15942, 16121
general information, 7449
text, 10549
pesticides, consumer protection, etc., 15462
tires, labeling guides adopted by Federal Trade Commission, 14647
treated seed, labeling requirements under Federal seed act, 4234
- Labor:
Africa, 1960-64, bibliography, 6269
and management, partners in progress (remarks), 1321
assistance for workers under automotive products trade act of 1965, 12196

Labor—Continued
 automation, skill, and manpower predictions, 17802
 Boston large-trawler labor force, economic study, 10528
 charts, statistical developments, 3106
 code of Federal regulations, 5946-47, 7399
 Commerce Department plays important role in labor's development (address), 14319
 conditions—
 Albania, 13622
 Austria, 13623
 Belgium, 13624
 Bulgaria, 13625
 Cyprus, 13626
 Czechoslovakia, 13627
 Denmark, 13628
 East Germany, 13631
 Federal Republic of Germany, 13632
 Finland, 13629
 France, 13630
 Greece, 13633
 Hungary, 13634
 Iceland, 13635
 Ireland, 13636
 Italy, 13637
 Luxembourg, 13638
 Malta, 13639
 Netherlands, 13640
 Norway, 13641
 Poland, 13642
 Portugal, 13643
 Rumania, 13644
 Spain, 13645
 Sweden, 13646
 Switzerland, 12223
 Union of Soviet Socialist Republics, 12224
 United Kingdom, 12225
 Yugoslavia, 12226
 construction labor, employment outlook, 9245
 cost of slaughtering hogs, 16723
 developments abroad (periodical), 3107
 factory workers, earnings and weekly hours, 4736
 foreign conditions, new publications, 4738, 10879
 foreign countries, economic policies and practices for relocating workers used by governments, programs, 4040
 India's worker class status after independence, 4597
 industrial working conditions, effect upon workers, USSR study, 998
 international labor (periodical), 3078
 job development and training for workers in health services, 14759
 labor digests, 12223-226, 13622-646
 Europe, 12218
 labor force—
 monthly reports, 2881, 3218, 4734
 special report, 1095
 women mobility study, 1095
 making young workers safe workers, challenge to supervisors, 16519
 man-hour output indexes—
 concrete products industry, 4716
 hosiery industry, 14968
 man-made fibers industry, 7673
 private economy, 4735, 17817
 selected industries, 4717
 manpower requirements and supply, productivity trends and unemployment (address), 6272
 market, current employment market for engineers, scientists, and technicians, 664-665, 14567
 migratory, laws, amend, hearings, 11822
 migratory, study, authorization, report, 4207
 mobility, operation of severance pay plans and their implications, 7665

Labor—Continued
 monthly labor review, 3215
 reprints, 1095, 4736-37, 7676, 10877
 statistical supplement, 10882
 Negro women in labor force, 11327
 Negro worker in the West, 10876
 old-age, survivors, and disability insurance covered workers, statistics, 1957, 1464
 older workers, employment problems, hearings, 13029
 Peace Corps, general information, 9608
 plant location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982
 present-day Catholic social doctrine vis-a-vis working class, USSR, 16509
 publications, price list, 16786
 requirements for—
 construction of federally aided highways, 4715
 sewer works construction, 16534
 various types of construction, 7674
 reserve—
 census of population, 1960, final report, 8371
 population characteristics, census, 1960, 1705
 safety, establishment in Nis, Yugoslavia, 16499
 shortage, hampered Lake States pulpwood production, 14702
 socialist pledges of workers in ministry of power engineering and electrification, USSR for 1966, 13491
 statistics, interstate conference, proceedings, 17818
 telephone system construction contract, REA, 12497
 training of skilled workers, tasks of research institutes, 4669
 unit cost in manufacturing, 1960-65, trends in 9 countries, 17810
 USSR—
 city in far north aims for healthier working conditions, 17769
 controls, recent changes, 14372
 developments, 16528
 translations, 3618
 workers, bonus fund in industrial enterprises, 4668
 Western Europe, retraining and labor market adjustment, 1080
 women and men workers in the economy, relative position, fact sheet, 6697
 work stoppages, monthly, 3713
 workers retiring before age 65, old-age benefits, 1470
 youth publications, list, 10852
 see also Child labor—Farm labor—Hours of labor—Manpower—Women—also headings beginning Labor.
Labor (obstetrics):
 initiation of labor, conference proceedings, 9557
Labor and Public Welfare Committee, Senate:
 additional professional staff members and clerical assistants, report, 4198
 calendar, 3140
 committee prints, 1951, 4230, 5819, 7227-28, 7231-32, 10862-363, 11826
 hearings, 1949-50, 5818, 5820-21, 7226, 7229-30, 8786-87, 10360-361, 10364, 11822-825, 13225-227, 14498-501, 16192-196, 17589-594
 investigations and studies, migratory labor, authorization, report, 4207
 publications, guide, 10362
 reports, 1911, 5784, 10319, 11744, 11747, 11749, 11779, 13123, 13129, 14468, 16067, 16072, 16081, 16104, 16133-134, 16140-144, 16161-162, 16167, 17459-460, 17496, 17498-499, 17525-528, 17531-532, 17535, 17540
 Labor bureaus, etc., United States and Canada, directory, 7651

Labor Department:

absences of trainees enrolled in institutional programs, GAO report, 8933
 agreement with National Council of Field Labor Lodges, etc., 17798
 appropriations, 1967—
 hearings, 8650, 14472
 reports, 8626, 16151, 17350
 Assistant Secretary, nomination of Stanley H. Ruttenberg, hearing, 14501
 civil rights responsibilities, 4327
 consumer services, transfer to Consumers Department, hearings, 15970
 jobs filled through Federal Service entrance examination and its management intern option, questions and answers, 4698
 Library, list of recent additions, 3507
 manpower training facilities, selection, etc., in Chicago, Ill., GAO report, 12006
 press releases, 3383
 publications—
 list, 3263
 subject listings, 7645
 regulations and interpretative bulletins, 14962
 report, annual, 12195
 safety training programs—
 safe work guide SWG LS series, 7657
 student reference, SR LS series, 9201, 10850
 unemployment insurance program, extend benefits, etc., recommended amendments, 16181
 Labor disputes:
 airlines and employees, settlement, hearings, 14428
 emergency board reports—
 American Airlines, Inc., 17628
 Eastern Air Lines, Inc., National Airlines, Inc., Northwest Airlines, Inc., Trans World Airlines, Inc., and United Airlines, Inc., 13284
 national emergency disputes, 1947-65, under labor management relations (Taft-Hartley) act, 9332
 railroad work rules dispute, settlement, law, administration, hearings, 5802, 13197
 see also Strikes and lockouts.
 Labor force, *see* Labor.
 Labor hygiene, *see* Hygiene.
 Labor laws:
 and practices in—
 Libya, 16527
 Malaysia and Singapore, 4713
 Tunisia, 4714
 and their administration, convention proceedings of International Association of Governmental Labor Officials, discussion, 10846
 know your employment rights under law, 10841
 migratory labor laws, amend, hearings, 11822
 National Labor Relations Board, case developments, quarterly report, 3445
 procedural reform, 1st step toward more effective policy (address), 1322
 State—
 affecting women—
 Arkansas, 14088
 California, 5244
 Georgia, 14089
 Idaho, 14090
 Indiana, 2630
 Iowa, 6699
 Maine, 8115
 Maryland, 6700
 Massachusetts, 5245
 Michigan, 8116
 Minnesota, 5246
 New Hampshire, 8117
 New Mexico, 5247
 New York, 6701
 North Carolina, 1555

Labor laws—Continued

State—continued
 affecting women—continued
 North Dakota, 14091
 Ohio, 11325
 Pennsylvania, 14092
 summary, 5243, 12570
 Utah, 2631
 Vermont, 1556
 Virginia, 14093
 West Virginia, 14094
 against discrimination in employment because of age, 10847
 age discrimination prohibited, table, 9199
 labor relations acts, summary, 4706
 legislation in 1965, 4710
 mediation laws, summary, 4707
 minimum wage laws, summary, 5251
 State and Federal—
 legislation, 1963, annual digest, 4704
 legislation, 1964, annual digest, 7652
 status of agricultural workers, 4705
 union regulatory provisions, summary, 4708
 wage payment and collection laws, summary, 9198, 12203
 see also Child labor—Employers' liability and workmen's compensation.
 Labor-management relations, *see* Industrial relations.
 Labor-management reporting and disclosure act of 1959:
 amendment of Taft-Hartley act, summary, 2462
 as amended, text, 4695
 regulations and interpretative bulletins, 14962
 repeal sec. 705(b), report, 1833
 summary of operations, 7648
 Labor markets, *see* Labor.
 Labor offices, *see* Labor bureaus, etc.
 Labor organization, *see* Labor unions.
 Labor relations, *see* Industrial relations.
 Labor standards:
 fair labor standards act—
 agriculture, requirements for child labor, 11309
 amendments of 1966—
 hearings, 5818, 7163, 8680, 10266
 law, 15768
 reports, 7103, 10144, 15899, 16104
 American Samoa minimum wage rates, 5218
 child labor provisions, guide, 14070
 compliance survey, 14071
 computing overtime pay, 6693
 construction industry coverage, 9761
 defining and delimiting term talent fees, 14074
 employment of full-time students in retail or service establishments at special minimum wages, 14072
 employment, student workers, 14073
 equal pay for equal work, 5221, 18142
 farm workers, extending minimum wage, 5220
 farm workers under act, 18141
 forestry or logging operations, application, 11312
 general coverage of wage and hours provisions, 11310
 handy reference guide, 16897, 18140
 highlights of act, as amended, 16898
 hours worked, 11311
 overtime compensation, 16899
 Puerto Rico minimum wage rates—
 retailing, wholesaling, and warehousing industry, 5217, 5225
 rubber products industry, 5219
 records to be kept by employers, 9763
 reports to Congress as required by sec. 4(d), 5222-23.
 retail trade, minimum wage and maximum hours, effects of 1961 amendments, 5224

Labor standards—Continued
 fair labor standards act—continued
 retirement credit for Federal employees' service with North Carolina, hearing, 11677
 sheltered workshops, questions and answers, 15417
 written assurances with respect to hot goods, 9762
 legislation and equal employment opportunity (remarks), 12571
 Public Roads Bureau labor compliance manual, amendment, 15315
 safety standards (periodical), 3487
 women, improvement of standards for (remarks), 16911
Labor Standards Bureau:
 bulletins, 1084, 4702-4, 7651-52, 10846, 14965, 16517-518
 fact sheet (series), 4705-8, 7653, 9198-99, 10847, 12203-206, 17804
 safety standards (periodical), 3487
 selected publications, list, 7658
 youth publications, list, 10852
Labor Statistics Bureau:
 BLS report series, 1088-89, 2289-95, 4713-17, 6255, 7662-63, 9204-5, 10854-857, 12207-209, 13591, 14968-969, 16527-528
 bulletins, 1090-94, 2296-2303, 4718-33, 6256-69, 7664-70, 9206-9336, 10858-875, 11210-220, 13593-620, 1490-980, 16529-537, 17808-815
 foreign labor conditions, new publications, 4738, 10879
 productivity and technological developments as of Mar. 1, 1966, selected publications, list, 10881
 publications, catalog, 9337, 16538
 regional report, 9338
 seasonal factor method (1966), description, application on electronic computer, 13592
 studies in industrial relations, 1954-65, directory, 2304
Labor Statistics, Interstate Conference on. *see* Interstate Conference on Labor Statistics.
Labor turnover:
 employment and earnings (periodical), 2881
 factory, monthly release, 2906
 reasons at Kaluga turbine plant and other enterprises, USSR, 17773
 women, 1565
Labor unions:
 African unions, nation-building and international free trade union movement (paper), 4580
 agreements with Post Office Department, 17989
 building trades, wages and hours, 13609
 Bulgarian Central Council of Trade Unions, officers, members, etc., 14848
 conventions, 1966, list, 7678
 directories—
 Africa, 16384
 Europe, 4581
 national and international, in U.S., 12217
 fisherman's and fish shore workers' unions in United States, list, 11972
 labor management reporting and disclosure act summary of operations, 7648
 local-transit operating employees, wages and hours, 9333
 national, local convention representation and constitutional amendments, 1079
 printing industry, wages and hours, 12216
 State regulatory provisions, summary, 4708
 trade unions and manpower development and training act, 10845
 union-management cooperation, major collective bargaining agreements, 9206

Labor unions—Continued
 union security and right-to-work, selected readings and references, list, 2286
 welfare and pension plans disclosure act, amend with respect to filing of copies and making affidavits, report, 15896
 welfare and pension trust funds, participation of retired employees, etc., hearing, 17590
see also names of unions.
Laboratories:
 all-Union Scientific-Research Institute of Railway Hygiene, report, 16391
 Central Laboratory for Ventilation and Heating Industry, regulation, Eastern Europe, 7545
 independent, conditions for coverage of services under health insurance program, 9652
 investigation of organophosphorus compounds, methods, USSR study, 6120
 radiological health mobile, training laboratory, 15300
 research on team training in CIC activities, 12421
 standards, use of peak ac-de voltage comparator, 5014
 viruses of laboratory rodents, research, 6486
see Radiation laboratories—Research laboratories — Space laboratories — *also* names of laboratories or places where located.
Laboratory animals. *see* Animals.
Laboratory apparatus and supplies. Federal item identification guides for supply cataloging, supplements, 2936
Laboratory studies of open-channel flow (series), 825
 Labrador, sailing directions, 11140-141
 Laces (fasteners):
 tool pre-tensions covers prior to lacing, 13737
 Lacey, Robert E., desalination by electro-sorption and desorption, 16373
 Lackawanna, County, Pa., geology, Ransom quadrangle, 13397
Lacquer and lacquering:
 current industrial reports, 2817, 15587
 Federal test method standard, 4397
 synthetic lacquers, used for painting mfg articles, occupational hygiene, USSR study, 1028
 Ladders and other means of access used on vessels in shipyards maritime safety data, 16521
 LaFavers, Earl V., ability of pressure-suited subjects to perform lunar scientific tasks, 1239
 Lagasca, Arturo D, jr., relief, 16055
 LaGuardia Airport, N.Y., aircraft accident, 3950
 Laguna Atascosa National Wildlife Refuge: birds, 14664
 general information, 16301
 Laissez faire, strengthening free enterprise, 1965 annual report, Small Business Administration, 15325
 La Jolla, Calif., Fishery-Oceanography Center research facilities, 2038
 Lake, Ralph C., applications of rate diagrams to analysis and design of class of on-off control systems, 10952
 Lake, *see* name of lake, except when occurring as first word of name of town, etc.
 Lake County, Mont., geology of damsites on Flathead River, 2105
 Lake currents, currents at Little Lake Harbor, 9339
 Lake Mead National Recreation Area, general information, 6511
 Lake States, *see* Great Lakes States.
 Lake States Forest Experiment Station: forest genetics and related research, annotated bibliography, 14715
 publications, 1965, list, 10557

- Lake States Forest Tree Improvement Conference and Genetics Workshop of Society of American Foresters, joint proceedings, 14716
- Lake Survey research reports, 9339-40
- Lake Valley, mining district, N. Mex., Jasperoids, 4513
- Lake Woodruff National Wildlife Refuge, general information, 14670
- Lakes:
- central Asia, origin, locations, etc., USSR study, 1061
 - Columbia River basin, change of storage, 3543
 - ice cover of arctic proglacial lakes, 9887
 - see also* names of lakes.
- Lall, Tilak R., Interstage adapter panel flutter on Atlas-Centaur AC-2, AC-3, and AC-4 vehicles, 1240
- Lamar, John E., aerodynamic-center, considerations of wings and wing-body combinations, 16662
- Lamar, William L., organic acids in naturally colored surface waters, 12030
- Lamas, Juan F. A., relief, 11702
- Lamb, Ann M., technology and manpower in design and drafting, 17800
- Lamb, Lawrence E.:
- hypokinesia secondary to chair rest from 4 to 10 days, 6811
 - influence of—
 - lower body negative pressure on level of hydration during bedrest, 9863
 - manned space flight on cardiovascular function, 14196
- Lambert, Robert W., documents on disarmament, 109
- Lamborn, Emiley M., remarks, Apr. 28, 1966, 9203
- Lambrinos, Elias, relief, 16020
- Lambs:
- crop, 6658, 14035
 - on feed, 6663-64, 8091
- Laminar flow, *see* Flow.
- Laminated materials:
- apparatus measures thermal conductivity of honeycomb-core panels, 7783
 - drill bit design assures clean holes, 4879
 - Echo II metal-polymer laminate, mechanical and physical properties, 15140
 - effect of core thickness and moisture content on mechanical properties of 2 resin-treated paper honeycomb cores, 4463
 - flexural rigidity, techniques for measurement, 7826
 - hollow needle used to cut metal honeycomb structures, 11036
 - honeycomb material, cutting to specified depth with adjustable knife, 11029
 - laminated ferrite memory, 9393
 - production of honeycomb structures from stainless steels and titanium alloys, USSR study, 16424
 - see also* Plastics.
- Lamination, transformer, hysteresis and eddy-current losses, application of Poynting theorem, 1276
- LaMountain, Bernard L., relief, 5571, 5626
- LaMoire, Lawrence J.:
- commercial printing and manifold business forms, 8332
 - converted paper and paperboard products, except containers and boxes, 8331
 - greeting cards, bookbinding, etc., census of manufactures, 1963, industry statistics, 6900
 - newspaper, periodicals, books, and miscellaneous publishing, 3892
 - paperboard containers and boxes, 5441
 - pulp, paper, and board mills, 3891
- Lampreys:
- sea, control with toxaphene, 11977
 - sea, general information, 2040
- Lamps:
- circular, explosion-proof, provides uniform illumination, 9468
 - discharge, electrodeless, is easily started, has high stability, 4852
 - Federal item identification guides for supply cataloging, supplements, 2936
 - see also* Electric lamps.
- LANCASTER, EMMER M., guide to Negro marketing information, 16990
- LANCASTER, PA., commodity transportation survey, production area series, 9952
- Land:
- central Great Plains—
 - how to prepare land and plant trees for windbreaks, 4488
 - windbreaks, how to use trees to protect land, 4485
 - conservation and utilization, amend Bankhead-Jones farm tenant act—
 - hearing, 11638
 - report, 15916
 - cropland, 1963 conversion program, Dec. 31, 1965 status, 11344
 - development handbook for title 10, mortgage insurance, 11922
 - exchanges, cash equalization, hearing, 11640
 - hydrologic effects of land use (series), 17725
 - improvement, large-scale development to obtain high and stable yields of grain and other agricultural crops, USSR study, 12156
 - improvement to obtain high and stable yields of grains, etc., USSR study, 10812
 - interstate sales full disclosure act, hearings, 16178
 - La Jolla, Calif., donated by University of California, use for marine biological research laboratory, law, 404
 - land and water conservation fund, 1st year and half, 15255
 - law of open space, National Capital region, 1302
 - long-term leasing by Government contractors, Defense Dept., GAO report, 16344
 - number of farms and land in farms, U.S. 1959-66, by States, 1964-66, 6662
 - planning with respect to aircraft noise, Air Force manual, 9850
 - resource regions and major land resource areas of United States, 3744
 - resources upper Mississippi River, comprehensive basin study, 7331
 - retirement programs, aggregate economic effects, linear programming analysis, 14162
 - Rumania, utilization, research, 14886
 - Tennessee Valley, inventory of land and its use, 15390
 - turning cropland into recreational use (remarks), 14152
 - use—
 - area-oriented multiple use analysis, 8971
 - Capitol grounds, formulate long-range plan, report, 16148
 - intensity standards, LUI scale and zoning (paper), 14631
 - land exposed to aircraft landing and takeoff noise, study, 7732
 - what about land in Alaska? 6275
 - see also* Public lands.
- Land banks, *see* Federal land banks.
- Land burning, *see* Burning of land.
- Land-grant colleges:
- agricultural information staffs, 5926
 - and State universities, statistics, 1965 report, 4317
 - in house of science there are many mansions (address), 3754

- Land Management Bureau :
 appropriations, 1967, hearings, 7113
 careers in resource management, forestry,
 administration, minerals, etc., 12227
 information bulletin, 6275
 press releases, 3384
- Land operation facilities, Navy design manual, changes, 1569
- Land reforms, agrarian reforms in United Arab Republic, Soviet review, 16416
- Land scrip, satisfaction of scrip rights, etc., amend act, hearings, 13044
- Landing (aircraft) :
 airplanes with low-aspect-ratio wings, ground effects, 16663
 approach of very large airplanes, inflight and ground-based simulation of handling qualities, 17884
 equipment, Federal item identification guides for supply cataloging, supplements, 2940
 landing mat, design curves for runways to be surfaced, 10441
 noise, land exposed, optimum use, study, 7732
 T11 aluminum airplane landing mat—engineering tests, revised design criteria, 7337
 subgrade stabilization with portland cement, etc., 7333
- X-15 landing loads, summary, 4979
- Landing (spacecraft), see Spacecraft.
- Landing gear :
 bogie, ground-run tests in water and slush, 13827
 skid materials, drag and wear characteristics, 6469
- Landis, B. J., wireworms on irrigated lands in the West, 11351
- Landrum, Emma J., nacelle orientation effect on aerodynamic characteristics of arrow wing-body configuration, 6449
- Landsberg, H. E., interdiurnal variability of pressure and temperature in continuous U.S., 9767
- Landscape architects :
 campus landscape, 17620
 employment outlook, 9246
- Landscaping :
 and scenic enhancement of Federal-aid highways—
 costs, 1967 estimate, instruction manual, 11204
 report, 546
- Landslides :
 earthquake of Mar. 27, 1964—
 Valdez, Alaska, effects, 6036
 Whittier, Alaska, effects, 4525
- Landy, David, halfway house, sociocultural and clinical study of Rutland Corner House, transitional aftercare residence for female psychiatric patients, 1529
- Lane, Elizabeth, agricultural economics research, 2647
- Langbein, Walter B., river meanders, theory of minimum variance, 6031
- Langebartel, Ray G., linear prediction on finite past of multivariate stationary process, 12373
- Langley hotshot tunnel :
 calibration for Mach numbers from 12 to 26, 6446
 stagnation enthalpy, experimental study, 7827
- Langley Research Center, low-frequency noise facility, 4948
- Language and languages :
 artificial languages, Asia, Africa, Oceania, America, classification, Library of Congress, 4741
 breaking the sound barrier (address), 1076
 classification, Library of Congress, modern European languages, 6276
 cybernetic methods, Hungarian study, 4674
- Language and languages—Continued
 cybernetics hampered by inadequate study of linguistics, USSR study, 9104
 disorders, summary of progress, 1314
 foreign languages and your career, 10876
 index, classification, Library of Congress, 4740
 interlinguistics problems, USSR study, 7609
 machine language and data processing developments, USSR study, 2168
 mixed languages, Asia, Africa, Oceania, America, classification, Library of Congress, 4741
 mother tongue of foreign born before coming to U.S. 1960 census of population, 5501
 national defense education act—
 language development program, research completed, etc., list, 1979
 teachers of modern foreign languages, institutes, manual, 5877
 principles of segmentation of speech stream, 939
 source materials for secondary school teachers, 7321
 teaching electronic machines to understand language USSR study, 900
 teaching foreign speech, presentation of subject matter, USSR study, 10799
 see also Electronic computers—also names of languages.
- Language Institute, Defense, see Defense Language Institute.
- Language of ants, USSR, 917
- Lanham, Fritz Garland, Federal Office Building, see Fritz Garland Lanham Federal Office Building.
- Lankford, J. D., natural gas liquids, 1154
- Lanner, Ronald M., phenology of *Acacia koa* on Mauna Loa, Hawaii, 10577
- Lansing, Donald, L., displacements in elastic half-space due to moving concentrated normal load, 12370
- Lanthanides :
 electrodeposition, 5394
 extraction and separation with tertiary amine, 13693
- Lanz, Larry J., effects of air surcharge on bearing capacity of soft cohesive soils, 8863
- Laos :
 refugee problems, hearings, 1947
 Vietnam boundary, study, 11255
- LaPage, Wilbur F., success of campgrounds studies as guide to recreation planners, 10568
- Lapel buttons :
 gold star, for widows, etc., of members of Armed Forces who lost their lives in war or cold war incidents—
 law, 15717
 reports, 11631, 13177
- Lapides, Jadwiga (Ita) :
 relief, 8537
- Laplace transforms, see Transformations (mathematics).
- Lapping machines, device spot-laps spheres to very close tolerances, 9482
- Lard, production, months, 9738
- Larmon, Elizabeth A., Americans at mid-decade, 3927
- Larabee, David M., bedrock geology of Grand Lake area, Maine, 815
- Larson, Donald K., variability of wheat yields in Great Plains, 14538
- Larson, Leonard P., mineral industry of Arizona, 2321
- La Sal quadrangle, Utah and Colo., geology and uranium-vanadium deposits, 7486
- Laser beams :
 modulated, use for communication, system, 1209
 use in welding bilayer sheet, USSR study, 16463

- Lasers:
 - applicability and possibilities, NASA facts, 17888
 - bibliography, 15089
 - prospects for laser and optical communications, USSR study, 12122
 - quantum electronics, physical problems, 6151
- Lasky, Benjamin, communications and electronics, supp., 5320
- Lasley, Floyd A., coordinating fluid milk supplies in Pittsburgh market, 6760
- Lassen Volcanic National Park, general information, 6512
- Lastra, Jose S., relief, 1890
- Las Vegas, Nev.:
 - aircraft accident, 282
 - ground-water basin, available water supply, 828
- Latches:
 - latching mechanism operates in limited access area, 13773
 - magnetic, provide positive overpressure control, 12320
- Lategola, Michael T., aeromedical assessment of human systolic and diastolic blood-pressure transients without direct arterial puncture, 15558
- Lateral sclerosis, *see* Amyotrophic lateral sclerosis.
- Lateral sloshing, *see* Sloshing.
- Lateral stability, *see* Stability—Stability of aircraft.
- Lathers, employment outlook, 9219
- Lathes:
 - chuck key incorporates safety feature, 11035
 - copying, for shoes, temporary suspension of duty, continue—
 - law, 10088
 - reports, 8556, 10299
 - device facilitates centering of workpieces in lathe chuck, 12318
 - swiveling jaw concept for holding irregular pieces, 13756
 - turret, tool post modification allows easy cutting-tool alignment, 11000
- Lathrop, George D., Chagas' disease study in individuals bitten by North American Triatomida, 92
- Latin America:
 - agricultural development, role of Inter-American Development Bank, hearing, 17366
 - agricultural production for 20 countries, indices, 7259
 - alliance for progress—
 - American partnership, 4578
 - Partners of the Alliance program, 11653
 - report, July 1–Dec. 31, 1964, 1797
 - development and Western Hemisphere trade—
 - hearings, 455
 - subcommittee report, 7051
 - directory of U.S. specialists in social sciences and humanities, bibliographies, 10892
 - excess property, use by U.S. foreign aid program, report, 8628
 - glossary of abbreviations used in press, 10750
 - Latin American, African, and Asian peoples tricontinental conference, staff study, 10358
 - market profiles, 12775
 - mineral industry, regional review, minerals yearbook chapter, 9368
 - Peace Corps volunteers, 12452
 - survey of efforts for developing human resources, 5155
 - United States relations, regional and other documents, 5692
- Latitude, high, polar aurorae, geomagnetic disturbances, and ionosphere investigation, 4992
- Latsis, Evangelia G., relief, 5632, 11548, 11724
- Lattu, Onnie P.:
 - remarks—
 - Dec. 7, 1965, 1388
 - Mar. 1, 1966, 6556
 - May 23, 1966, 11161
- Latvia, industrial plants, cybernetic methods applied to production management, USSR study, 12185
- Launch vehicles, *see* Spacecraft.
- Launching facilities:
 - aircraft equipment, Federal item identification guides for supply cataloging supplements, 2940
 - minimax control of large launch boosters, 15053
- Nike-Hercules missile launching and handling rails, management control, Army Missile Command, GAO report, 17707
- Launching of surface waves on axial-cylindrical reactive surface, 4928
- Laundry and laundries:
 - census of business, 1963, laundries, cleaning plants, related services, 203
 - coin operated and nonautomatic, bibliography, 11221
 - industry, study of problems and prospects, 1693
- Lauritzen, C. W., rain traps for intercepting and storing water for livestock, 14133
- Lava:
 - chemistry of lavas of 1959–60 eruption of Kilauea Volcano, Hawaii, 7488
 - Kilauea Iki lake, petrology, 12026
 - petrography, 1959–60 eruption of Kilauea Volcano, Hawaii, 4524
- Lava Beds National Monument, general information, 17959
- Lavallee, Fernand, selling in Italy, 340
- Lavapies, Nermin D., relief, 15824, 17458
- Lavender, Robert E., Monte Carlo approach to touchdown, dynamics for soft lunar landing, 1279
- Law:
 - East European legal journals, abstracts, 2636
 - general interest, summary, 89th Congress, 539
 - Judge Advocate legal service, Army pamphlets, 122–124, 1643, 5352–59
 - reserve component information, 124
 - semiannual index, 5354
 - law and poverty, national conference, June 23–25, 1965, proceedings, 8822
 - legal services—
 - neighborhood, 16904
 - rural community action program, 16219
 - to poor, programs, guidelines, 7279
 - procurement legal service, Army pamphlet, 5367, 9899, 11402, 12658, 15513
 - cumulative index-digest, tables of materials digested, 12657
 - publications, price list, 15265
 - slip laws (private) 89th Congress, 370–394, 5569–75, 7020–28, 8449–59, 11533–548, 12802–818, 14335–367, 15668–697, 17066–90
 - slip laws (public) 89th Congress, 395–449, 1787–88, 3428, 5576–90, 7029–47, 8460–81, 10058–91, 11549–594, 12819–839, 15698–777, 17091–149
 - slip laws, admissibility in evidence, provide—
 - law, 12824
 - reports, 5656, 16082
 - some legal aspects of U.S. savings bonds, 2549
 - Swedish research in Soviet legal terminology, 14901
 - see also* Codes of law—Criminal law—International law—Labor laws—Military law—Statutes—Statutes at large—*also* subjects.

Law enforcement :
 career opportunities, Treasury enforcement agent, 5196
 enforcement agencies, activities relating to small business, hearings, 15990-991, 17395
 Federal assistance to State and local governments—
 act of 1965, hearings, 582
 amend 1965 act, hearings, 14429
 greater freedom for enforcement agencies?
 national debate proposition for colleges, excerpts, etc., 466
 officers, guide to laws enforced by Alcohol and Tobacco Tax Division, 16300
 State officials enforcing food, drug, etc., laws, directory, 5967
 Law of open space, National Capital region, 1302
 Law, Private, International Institute for Unification, *see* International Institute for Unification of Private Law.
 Lawing, Pierce L., study of stagnation enthalpy in Langley hotshot tunnel, 7827
 Lawns, weeds control with herbicides, 38
 Lawrence, Mass. :
 area wage survey, metropolitan area, 14975
 commodity transportation survey, production area series, 8339
 Lawroski, Stephen, reactor fuel processing, review of recent developments, 3452
 Laws, *see* Codes of law—Labor laws—Law—*also* subjects.
 Lawson, Wilmer M., jr., linear class B audio amplifier output-power capability, analysis of load-impedance and waveform effects, 16758
 Lawyers :
 corporate voluntary balance of payments program and lawyer (remarks), 11511
 employment outlook, 9247
 fees for services in proceedings before administrative agencies, arbitrary limitations, remove—
 hearing, 11819
 report, 13124
 legal careers in Federal taxation, 857, 17741
 Navy, rewarding career, 9189
 registered to practice before Patent Office, lists, 12448, 17982
 right of persons to be represented before Federal agencies—
 law, 433
 report, 11763
 Lax method, *see* Equations.
 Lay leaders, divine worship, Marine Corps, handbook, 7685
 Layman, D. C., remote handling of mobile nuclear systems, 5410
 Layman's guide to individual rights under United States Constitution, 4227
 Layout, *see* Plants (Industrial)—Stores.
 Lazaro, Eric J., relief, 15817, 17439
 Lazarow, Arnold, diabetes literature index, 7928
 Lazorchick, Daniel C., paper, Dec. 5-7, 1965, 4580
 Lea County, N. Mex., northern, recharge studies on High Plains, 10650
 Leaching :
 copper sulfides in ammoniacal pulps at elevated temperatures and pressures, 13692
 extraction of alumina by leaching melted and quenched anorthosite in sulfuric acid, 9369
 manganese from Georgia umber ore by sulfuric acid-ferrous sulfate process, 1163
 Lead :
 contamination of environment, hearings, 13228
 environmental lead contamination, symposium, 8002

Lead—Continued
 high concentrations in Guilmette Formation and Simonson Dolomite of Devonian age in Pequop Mountain and Wood Hills, Nev., 16355
 industry, mineral industry survey, monthly, 3108
 lead-antimony grid alloys, intergranular corrosion, investigation, 16763
 mine production, mineral industry survey, monthly, 3109
 ores, census of mineral industries, 1963
 industry statistics, 15575
 Lead carbonates, anhydrous, heats of formation and free energies, 13698
 Lead sulfate, anodic oxidation of basic sulfates of lead, plate materials of lead-acid cell, 12429
 Lead tellurides, thermoelectric bonding study, 4824
 Leadership :
 Air Force officers, 14167
 aspects during armed struggle in summer of 1942, USSR, study, 1056
 attributes, integrity, intelligence, convictions, and courage (remarks), 5553
 become a leader, apply for OCS, Army, 14219
 challenge of macro-leadership (remarks), 6673
 essential qualities for success (remarks), 11523
 in democratic society (remarks), 337
 naval, Raymond A. Spruance, study in command, 12412
 perfecting in higher and secondary specialized education, USSR study, 16470
 training for, career in Office of Education, 17627
 Leading edge, *see* Wings (aircraft).
 Leaf cast, needle blight of southern pines, 7451
 Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.
 Leak detectors :
 locator for vacuum jacketed pipelines eliminates need for removal of outer jacket, 16635
 sniffer used as portable hydrogen leak detector, 13791
 Leakage (electrical) :
 instrumentation systems, minimum permissible leakage resistance, established, 15127
 Leakage test kits, *see* Testing kits.
 Leaks :
 fluid, capacitive system detects and locates, 6409
 gas, in brazed areas, eliminated by electroplating, 16637
 high-pressure, low temperature electrical connector makes no-leak seal, 7759
 vacuum test fixture improves leakage rate, measurements, 12326
 Lean-to shelters, *see* Air raid shelters.
 Learn, baby, learn, 16236
 Learning :
 aids, elementary arithmetic, 4301
 and overlearning, physiological correlates, 15251
 babies look and learn, guide for parents, 6772
 babies touch, taste, and learn, guide for parents, 6771
 immediate retrieval of verbal series as function of stimulus grouping, 3785, 9861
 incremental or one-trial learning of verbal series, 83
 indirect paired associates, effectiveness and student acceptance, 7972
 individual and group, comparison, 14994
 learning about learning, conference report, 8847

Learning—Continued
 learning different shapes, games for children over 2 years old, guide for parents, 8165
 programmed—
 and its prospects, USSR study, 6217
 theory and practice, USSR study, 6206
 USSR study, 10734
 rights granted to institutions of higher learning, suggested expansion, USSR study, 14924
 self-learning pickups, self-adaptive systems, and other problems of technical cybernetics, USSR study, 13473
 through touch, guide for parents, 9830
 use of cuing in training tasks, phase 2, 7971
 see also Self-organizing systems.
 Learning machines, *see* Teaching machines.
 Learning task, *see* Psychology.
 Leases:
 buildings and land, long-term leasing by Government contractors, Defense Dept., GAO report, 16344
 geothermal steam deposits, issuance of leases—
 hearings, 13047
 report, 15933
 long-term, on San Xavier and Salt River Pima-Maricopa Indian reservation, reports, 14397, 17517
 motor vehicle leasing for use of Government contractors, Defense Dept., GAO review, 16348
 oil and gas lease—
 New Mexico, reinstate, 17089
 Wyoming, reinstate, report, 17491
 Post Office Dept. for real property, extend authority—
 hearings, 10370
 law, 17129
 reports, 12941, 13161, 16127
 public land leasing to States, etc., amend act—
 law, 11566
 report, 11740
 Pyramid Lake Indian Reservation, 99-year term—
 law, 10059
 report, 8599
 railroad coal leasing limitations, repeal—
 hearing, 13219
 report, 13167
 tobacco acreage allotments, additional time to file—
 law, 11580
 reports, 10222, 11765
 Least squares:
 factoring to fit off diagonals, 9914
 weighted process, error analysis, to determine lunar gravitational field, 17923
 Leather, hides and skins:
 cattle hide exports, hearing, 11637
 cattle hides, export controls, (remarks), 8429
 footwear upper leather, visual inspection guide, military standards, 11850
 leather and leather products, census of manufactures, 1963, manufacturing plants, location, 12698
 leathers, Federal item identification guides for supply cataloging, supplements, 2939
 miscellaneous leather goods, census of manufactures, 1963, industry report, 5443
 personal leather goods, current industrial reports, 2817
 products, commodity transportation survey, shipper series, 212
 tanning, footwear, industrial leather goods, census of manufactures, industry report, 3896

Leave of absence:
 additional accumulation in certain foreign areas—
 hearings, 14410
 report, 12968
 experience under sick-pay plans, Great Britain, 18101
 Federal seafaring employees, additional leave—
 report, 17260
 report of Civil Service Commission, 14435
 Government employees not to be charged for absence as result of hostile action abroad, report, 16157
 Government officials and employees, FPM manual supplement, 2951
 reemployment leave travel benefits granted civil service employees of Defense Department and other agencies, GAO report, 8998
 uniformed service members voluntarily extending tour of duty in hostile fire area, special 30-day period of leave, reports, 12969, 17509
 Yosemite National Park employees, validate action extending 1955 leave years—
 law, 8472
 reports, 7178, 8591
 Leaves, greenery, retention of radioactive dust, USSR study, 16403
 see also Defoliation.
 Lebanon, Ohio, water renovation pilot plant, general information, 17670
 Lebanon:
 background notes, 18111
 crisis, 1958, U.S. marines participation, historical pamphlet, 10897
 economy, basic data, 1774
 selling in Lebanon, 11520
 Lech, Marie M., administrative aspects of hospital central medical and surgical supply services, 15282
 LeClair, Marie J., labor in Africa, 6269
 Leconteits, *see* Ammonites.
 Lectures, *see* Addresses, lectures, etc.
 Lederer, P. S., earth's field static calibrator for accelerometers, 5011
 Lee Chung Woo, relief, 8513, 11546, 11722
 Lee, Douglas H. K., evaluation of thermal environment in shelters, 12467
 Lee, George, Apollo afterbody heat transfer and pressure with and without oblation, 16683
 Lee HJ Sook, relief, 473
 Lee, Richard P., flight evaluation of Servo-altimeter displays for air traffic control radar beacon, 7975
 Lee, Richard S., aerodynamic model for low-altitude rocket exhaust plume, 16762
 Lee, Robert S., ten-bit analog-to-digital converter, 17925
 Lee, Ulysses, employment of Negro troops, 13669
 Lee, Wilford J., foreign trade regulations of Portugal, 17056
 Lee, William O., effect of annual applications of diuron on seed yields of grasses, 14163
 Lee, III., railroad accident, 12077
 Lee County, Va., economic and resource, development, summary, 2611
 Leese, Grady W., rocket-blast-resistant materials, etc., 10440
 Leeward Islands, agricultural products, demand, supply, and imports, projected levels to 1975, summary and evaluation, 11865
 Legal procedures, *see* Law.
 Legal services, *see* Law.
 Legislation:
 Budget Bureau legislative policy, hearing, 14404
 enacted in 1965 relating to veterans and servicemen, 6609

- Legislation—Continued
fruit and vegetable marketing orders, Federal and State, 17949
legislation authorizing appropriations and establishing revolving funds as of Mar. 1965, 1886
legislative achievements in health, education, and welfare, 4538
major legislative actions, 89th Congress, 4043, 14378, 17154
State, program of Advisory Commission on Intergovernmental Relations, 16916
summary, 89th Congress, 1st session, 541
Ways and Means Committee, House, history of—
H.R. 4750, interest equalization tax extension act of 1965, 4150
H.R. 8371, excise tax reduction act of 1965, 89th Congress, 1875
H.R. 8464, public debt ceiling, 89th Congress, 532
see also Labor laws—Law—*also* subjects.
Legislative appropriations, *see* Appropriations.
Legislative bodies, State legislatures, apportionment, report, 5776
Legislative reorganization act, *see* Congress of United States.
LeGuen, J. C., yellowfin tuna fishery in eastern tropical Atlantic, 750
Lehman, Eileen F., who is this child? 10432
Lehman Caves National Monument, general information, 1332
Lehmer, Donald J., Fire Heart Creek Site, 16827
Lehr, Marianne, Moré, basic course, 14031
Lehrman, Hal, rebellion in Russia's Europe, fact and fiction, 585
Leiback, Harold F., argentic oxysalt electrodes, 4952
Leidenfrost phenomenon :
creeping flow solution, 2419
metastable states, 7824
Leinenbach, Paul W., economy of Denmark, 4012
Leitch, Harold, extraction of alumina by leaching melted and quenched anorthosite in sulfuric acid, 9369
Leko, Robert W., analysis of transient flow of hydrogen in heated passages in laminar-turbulent transition region, 15200
Lend-lease operations, 1964 activities, 6628
Lending operations, *see* Loans.
Lendo, A. C., record low tide of Dec. 31, 1962, on Delaware River, 13415
Lenin prizes :
commentaries on entries, 6231
entries, USSR studies, 9095
interview with winner, Viktor Glushkov, about cybernetics, USSR, 14857
mathematics, winner, Nikolai V. Yefimov, 14881
science and technology—
awards, 12150
nominations, USSR, 6229
recipients, 9172
works entered in competition, 1064
Leningrad, Russian SFSR, party organization calls for improvement in research and planning, 17776
Leningrad Planning Institute, personnel and economic problems, 14861
Leninism, *see* Communism.
Lenses :
catadioptric telescope with mirror-lens correction, USSR study, 9080
cylindrical lenses as screen for producing stereoscopic television pictures, 7762
offset, add versatility to phototypesetting machine, 9480
optical absorption coefficients of fused silica, 6440
Leopold, Luna B., channel and hillslope processes, semiarid area, New Mexico, 12019
Lepidoptera, *see* Microlepidoptera—Moths.
Lepisma saccharina, *see* Silverfish.
Lerner, M. W., plutonium and uranium in nuclear fuel cycle, 6854
Lesage, Alan M., employment of cross circulation and heat exchangers to induce hypothermia, use in study of central nervous system changes, 3780
Leslie, Edward A., basic data on economy of United Kingdom, 14325
Leslie, John M., effects of time delay in visual feedback loop of man-machine system, 15063
Lesser, Arthur J., address, Oct. 19, 1965, 277
Lesser Sunda Islands, sailing directions, change, 11145
Lessing, Henry C., atmosphere reentry guidance scheme for return from manned Mars mission, 9535
Let their experience work for you, Neighborhood Youth Corps, 2281
Letters from the captain's wife, 13346
Lettuce :
appearance and decay after treatment with ozone, 16928
do lettuce buyers exert oligopsony power? 4281
Leukemia :
antileukemic medicinal preparations, USSR study, 6243
studies of leukosis enzootica bovis, 13993
Leukosis, *see* Leukemia.
Leung, K. C., effects of alcohol and drugs on rats under ambient and low temperatures measured by avoidance response, 5315
Levadi, Solomon S., claim against U.S., 12873
LeVan, Herbert P., extraction of manganese from Georgia amber ore by sulfuric acid-ferrous sulfate process, 1163
Leveling, *see* Surveying.
Leveling instruments, *see* Levels.
Levels, equipment for leveling and leveling operations, control, 10646
Levi, David W. :
crosslinking, thermal and mechanical properties of thermoplastic and phenolic resin systems, 10396
dielectric properties of polymers, bibliography, 13255
Levine, Eugene, nursing personnel, 13969
Levine, Jules D., adsorption of cesium on insulators, 4810
Levine, Nathan, relief, 10112
Levison, William H., studies of multi-variable manual control systems, two-axis compensatory, etc., 16593
Levy, S. David, law of open space in National Capital region, 1302
Lewis, Alan G., copepod crustaceans parasitic on elasmobranch fishes of Hawaiian Islands, 9567
Lewis, David W., kinematic transformations of several mechanisms, 12270
Lewis, Franklin B., bacillus thuringiensis as control agent for gypsy moth, 17699
Lewis, Gertrude M., educating disadvantaged children in elementary school, bibliography, 16229
Lewis, John H., Jr., flight parameters and vehicle performance for Project Fire flight II, 15176
Lewis, L. Earl, industry wage survey, nursing homes and related facilities, 9335
Lewis, Richard W. :
nitrogen, 16567
potash, 16570
rock phosphates, 17850
Lewis, Thomas L., flight measurements of boundary-layer noise on X-15, 7877
Lewis and Clark Lake, carp, river carp-sucker, smallmouth and bigmouth buffalo, 17676

Lewis and Clark Trail Commission :
 appropriations, 1967—
 hearings, 7113, 8763
 law, 10086
 reports, 8592, 10281
 establishment, supplement act of Oct.
 6, 1964—
 law, 15700
 reports, 485, 11743
 Lexical memory unit for electronic digital,
 computer, USSR, 885
 Lexicon of geologic names of United States,
 9008
 Lexicons, *see* Dictionaries.
 Lexington, Mass., flag of U.S., display, law,
 436
 Lexiphanes, *see* Beetles.
 Ley Federal de cooperativas de credito con
 las modificaciones introducidas en ella
 hasta el 2 de julio de 1964, 2013
 Lhermitte, Roger M., probing air motion by
 Doppler analysis of radar clear air returns,
 11317
 Li Tzu Chen, *see* Chen, Li Tzu (Nako).
 Liability (law) :
 District of Columbia, physicians in good
 Samaritan cases, relieve, law, 441
 N. S. Savannah—
 executive agreements waiving sovereign
 immunity and limitation of ship-
 owner's liability, opinion of Attorney
 General, 14959
 private operation, agreement with Neth-
 erlands, 11261
 Liability insurance :
 savings by discontinuing on FHA acquired
 property, GAO report, 14729
 uninsured motorist coverage required part
 of every automobile liability policy in
 D.C., report, 16117
 Liammari, J. J., international coal trade,
 monthly inventory, 3075
 Liang, Mui Kim Chen, relief, 1811
 Liapunov method :
 control of time variable, nonlinear multi-
 variable systems using Liapunov's direct
 method, 7729
 transient response from Lyapunov stability
 equation, 11057
 Libby, Paul A., laminar boundary layer on
 cone in supersonic flow with uniform mass
 transfer, 9414
 Liberia :
 background notes, 14027
 establishing business in, 12779
 mineral industry, minerals yearbook chap-
 ter, 7696
 Liberty :
 faith of free men (remarks), 7358
 Kurdish national liberation movements,
 14910
 Liberty Center, Ind., railroad accident, 12073
 Liberty of the press, free press and fair trial,
 constitutional rights and guarantees, hear-
 ings, 4225
 Librarians :
 continuing education, conferences, work-
 shops, and short courses, 8838
 employment outlook, 9248
 employment with Air Force, 14173
 examination announcement, 5518
 looking for librarians, fill your needs
 through Professional Placement Net-
 work, 11887
 school, NDEA institutes for advanced
 study, 5884A
 vacancy roster, Federal Government li-
 braries, 9344
 see also Medical record librarians.
 Libraries :
 Air Force, buying calendar for annual
 publications, 3778
 basic reference sources for business use,
 bibliography, 18092
 books, price fixing, hearings, 14492

Libraries—Continued
 cooperation, etc., among information sys-
 tems, literature review, 11091
 defense oriented, availability of scientific
 journals, 12626
 depository, law governing, 1882, 5715
 District of Columbia area, 17823
 Federal Government—
 and public libraries, 10-year partner-
 ship, 13419
 vacancy roster, 9344
 grants, appropriations, 1967, amendments,
 17171
 library services and construction act—
 extend and amend—
 hearings, 10239, 11823
 law, 12836
 reports, 8635, 10170, 16067
 Federal allowances and required match-
 ing expenditures from State and local
 sources, 1978
 medical, John Shaw Billings centennial
 addresses, 13874
 medical library assistance act of 1965,
 highlights, history, etc., 4535
 New Haven, Conn., little miracle on Chapel
 Street, 17623
 new serial titles—
 alphabetical arrangement, 3266
 classified subject arrangement, 3265
 school—
 library personnel, national defense in-
 stitutes, manual, 5877
 resources, textbooks and other instruc-
 tional materials programs, 641
 supervision in large cities, 7319
 State extension, resources and services,
 11882
 see also names of departments, etc.—*also*
 names of libraries, or places where
 located.
 Library accessions :
 Adjutant General's Office, Army Library,
 3505
 Federal Fire Council, list, 3152
 foreign statistical publications, 2993
 India, American Libraries Book Procure-
 ment Center, New Delhi, 3059
 Indonesia, American Libraries Book Pro-
 curement Center, Djakarta, 3062
 Interior Department, 3150
 Israel, American Libraries Book Procure-
 ment Center, Tel-Aviv, 3093
 Labor Department Library, 3507
 Middle East, American Libraries Book
 Procurement Center, Cairo, 3195, 4742
 Nepal, American Libraries Book Procure-
 ment Center, New Delhi, 9347
 Pakistan, American Libraries Book Pro-
 curement Centers, Karachi and Dacca,
 3311
 Reclamation Bureau Library, list, 3145
 Russian, Library of Congress, 3214
 Library Committee, Federal, *see* Federal
 Library Committee.
 Library extension, *see* Libraries.
 Library lists, National Agricultural Library,
 11086, 15204-205, 17934-935
 Library of Congress :
 accessions—
 India, American Libraries Book Pro-
 curement Center, New Delhi, 3059
 Indonesia, American Libraries Book
 Procurement Center, Djakarta, 3062
 Israel, American Libraries Book Pro-
 curement Center, Tel-Aviv, 3093
 Middle East, American Libraries Book
 Procurement Center, Cairo, 3195, 4742
 Nepal, American Libraries Book Procure-
 ment Center, New Delhi, 9347
 Pakistan, American Libraries Book Pro-
 curement Centers, Karachi and Dacca,
 3311
 Russian, index, 3214

Library of Congress—Continued
 American Libraries Book Procurement
 Centers, Karachi and Dacca, Pakistan
 annual list of serials, 17820
 appropriations, 1967—
 amendment, 8508
 hearings, 11641, 16171
 law, 15727
 reports, 10224, 13168, 14395
 bibliographical procedures and style,
 manual, 12228
 calendar of events, 2723
 cataloging service bulletin, 2731
 catalogs—
 books, subjects, 3146
 dictionary, subject headings used, 3546,
 17825
 motion pictures and filmstrips, 3147
 music and phonorecords, 12229, 16545
 National Exhibition of Prints, 9343
 national register of microform masters,
 2307, 9345
 national union catalog, 3242
 register of additional locations, 2308,
 9346, 14986
 symbols used, 9348
 classification—
 additions and changes, quarterly list,
 3105
 class D, general and Old World history,
 7682
 class J, political science, 13652
 class P, subclasses—
 P-PM supplement, index to languages
 and dialects, 4740
 PB-PH, modern European languages,
 6276
 PJ-PM, Asia, Africa, Oceania, Amer-
 ica, languages and literatures, 4741
 PT, German literature, 10891
 class S, agriculture, etc., 1100
 class V, naval science, 6277
 collection of papers of—
 Carnegie, Andrew, 7680
 Sayre, Francis B., 7684
 information bulletin, 3064
 James Madison Memorial Building, con-
 struct, hearing, 526
 National Referral Center for Science and
 Technology, 6278
 PL 480 newsletter, 3148
 press releases, 3385
 Public law 480 project, 17820
 accessions list—
 India, 3059
 Indonesia, 3062
 Israel, 3093
 Middle East, 3195, 4742
 Nepal, 9347
 Pakistan, 3311
 publications in print, 13653
 publications, price list, 7987
 quarterly journal, 2441
 report, 1965—
 departmental edition, 9342
 document edition, 8488
 library science, occupations, 10434
 Libya :
 agricultural economy in brief, 8832
 background notes, 11239
 labor laws and practices, 16527
 mineral industry, minerals yearbook chap-
 ter, 2330
 United Arab Republic boundary, study,
 8062
 Lice :
 chicken, how to control them, 6751
 Furnaricola, revision, description of new
 species, 6498
 Licenses :
 AEC licensing guide, 1686, 3845, 5381
 export, approved and reexportations au-
 thorized, list, 2896

Licenses—Continued
 water resource appraisals for hydroelec-
 tric licensing, planning status re-
 port—
 Housatonic River basin, 4384
 Kennebec River basin, 4385
 Penobscot River basin, 4386
 Piscataqua River basin, 4387
 Presumpscot River basin, 4387
 Saco River basin, 4387
 see also classes of persons to whom, or
 subjects for which, licenses are issued.
 Lichtenberger, Allan R., combined glossary
 of standardized items and terms presented
 in handbooks in State educational records
 and reports series, 13269
 Lie detectors :
 use of polygraphs by Federal Govern-
 ment—
 hearing, 4133
 report, 15930
 Lie series, see Algebra.
 Liebert, Curt H., spectral emittance of
 aluminum oxide and zinc oxide in opaque
 substrates, 1277
 Liens :
 bankrupt estate priorities, amend bank-
 ruptcy act—
 law, 11591
 reports, 5762, 5764, 10285
 Farmers Home Administration, release of
 valueless liens, etc., permit, report,
 17315
 Federal tax lien act—
 hearings, 5714
 report, 15879, 17522
 statements, digest, 7166
 Life :
 dialectics, USSR study, 9093
 on earth and in outer space, philosophical
 speculations, USSR study, 6148
 processes and radioisotopes, 11444
 Soviet life scientists, biographies, 13476
 Life insurance :
 credit, for student loans, increase maxi-
 mum amount allowable in D.C.—
 law, 17108
 report, 15852
 Federal employees group insurance—
 amendments of 1966, 7160
 annual report, 6965
 benefits, preservation for holders of
 congressional staff fellowships—
 law, 7043
 reports, 1844, 5789
 designation of beneficiaries—
 law, 7037
 report, 5790
 FPM manual supplement, 2948
 improved benefits, etc., hearings, 8676
 increase Government contributions, etc.,
 report, 8724
 national service—
 regular dividend schedules, 5207-S
 refunds, Philippine peso payments—
 hearings, 14443
 report, 15901
 reopening program, review, hearing,
 8686
 total disability income provision pre-
 mium rates, 18138
 servicemen's group, handbook, 14063
 Veterans Administration procedures for
 terminating total disability benefits
 under national service life insurance
 policies, GAO report, 7477
 veterans and servicemen's program, re-
 view, hearing, 8686
 Life insurance companies :
 District of Columbia, amend act relative
 to financial standing—
 law, 15738
 reports, 8640, 16115
 farm mortgage lending experience, 14547
 nonfarm mortgage investments, 14628

- Life on other planets, *see* Extraterrestrial life.
- Life preservers, self-inflating lifevest stores in small package, 10994
- Life sciences in space age setting, materials structured as curriculum guide, upper elementary-junior high school, 12263
- Life support systems:
- living in space, 13721
 - manned spacecraft, application of radioisotopes, 9923
 - thermal integration of electric power and life support systems for manned space stations, 1181, 16590
 - water-immersion technique for study of mobility of pressure-suited subject under balanced-gravity conditions, 4900
- Life vests, *see* Life preservers.
- Lift (aircraft):
- attainment of high lift-drag ratios at hypersonic speeds, errata, 1245
 - drag due to lift at subsonic speeds, factors affecting, 16664
 - interference on sweptback wings in rectangular wind tunnel test sections with slotted top and bottom walls, 12371
 - jet-induced loss of jet VTOL configurations in hovering condition, 6415, 11062
 - lateral-range and lift-drag-ratio requirements for return to both optimum and nonoptimum recovery sites, definition, 11079
 - maximum lift-drag ratios of slender wing-body configurations at hypersonic speeds, geometric modifications, effect, 7829
 - space vehicles, effects and importance of penetration and growth, 1186
 - wave drag at lifting conditions, analysis, 16666
 - X-15 airplane, summary, 7862
- Lifting:
- danger to youth, 12202
 - electro-magnets, industrial plant equipment handbook, 7255
 - safety dial, 1086
 - teach them to lift, 4702
 - weightlifting provisions for women by State, 6703
- Lifting clamp positively grips structural shapes, 10989
- Light:
- and plants, experiments, etc., 8150
 - artificial sources differ in effect on birch seedling growth, 790
 - brightness of earth as planet, measurements, USSR study, 16408
 - circular signals, detection, in relation to shape and color identification, 8213
 - coherent light generators and amplifiers, USSR study, 12174
 - color mixture functions at low luminance levels, 6281
 - continuously and discontinuously moving stimuli effects on luminance threshold of stationary stimulus, 6285
 - controlling in small clearcuttings, 801
 - differential color sensitivity in purple region, 6284
 - impact-light-flash at high velocities, experiments, 7738
 - instrument for detection of extraterrestrial life by optical dispersion, 9399
 - intensity, effect on oxygen production by algae, 5075
 - luminance, effect on moon illusion, 1626
 - measurements in study of primary production in sea, USSR study, 14798
 - measuring angle between stationary stimulated star and stationary blinking light, sextant sighting performance, 13822
 - perception of red and green at various retinal positions, effect of luminance, 13662
- Light—Continued
- pulsed sources, CRT displays for threshold determinations of apparent movements, 2363
 - recovery of foveal acuity following exposure to various intensities and durations of light, 13665
 - scattering—
 - in snowstorms, 9889
 - media, determination of extinction, coefficient, 16407
 - technique, solvent residue content measured, 13755
 - transmitting and scattering properties of smoke, 17683
 - see also* Hydrooptics.
- Light amplifiers, *see* Lasers.
- Light filters, *see* Filters and filtration.
- Light horses, 34
- Light lists, *see* Lights and lighting.
- Light modulators, modulation inducing retrodirective optical system (MIROS) follow-on program, 7730
- Lighthouse of the skies, 8019
- Lighthouse Service:
- former employees, widows, increased annuities, report, 17547
 - retired pay, increase, hearings, 8674
- Lighting equipment, *see* Lights and lighting.
- Lightman, Joseph M., patent, trademark, industrial design and copyright protection in Colombia, 14326
- Lightner, Lee M., periodontal status of incoming Air Force Academy cadets, 15493
- Lightning:
- ball, characteristics, 4935
 - ball, riddle of, USSR study, 13540
- Lightning arresters, consolidated identification list for test evaluation, Federal supply catalog, Department of Defense section, 8809
- Lights and lighting:
- airfield lighting, Navy design manual, changes, 1569
 - airports—
 - approved lighting equipment, 15496
 - installation details for centerline and touchdown zone lighting systems, 15497
 - circular, explosion-proof lamp provides uniform illumination, 9468
 - Coast Guard list—
 - Atlantic and Gulf Coasts, and Antilles, 6991
 - Great Lakes, 8405
 - Mississippi River System, 8406
 - Pacific Coast and Pacific Islands, 14315
 - electric lighting fixtures, current industrial reports, 252
 - fixtures, Federal item identification guides for supply cataloging, supplements, 2936
 - illumination, geographic aspects, 2d all-union conference, works, 6109
 - Naval Oceanographic Office, lists—
 - Baltic Sea with Kattegat, etc., 1338, 6523, 9584, 16747
 - British Isles, etc., 2482, 7959, 12407, 16746
 - Europe and Africa, west coasts, etc., 5056, 7958, 13897
 - Greenland, etc., 13894, 15237
 - North and South America—
 - east coasts, etc., 5055, 9581
 - west coasts, etc., 1337, 6522, 9582, 13695
 - Norway, etc., 2483, 7960, 12408
 - Pacific Ocean, western, etc., 2481, 9583, 13896, 17970
 - temporary lights for flammable atmospheres and general use, maritime safety data, 16523
- Lignite, Texas beds, delineation by statistical techniques, 16578
- see also* Coal.
- Lim Ai Ran, relief, 16022

- Lim, Benjamin H.:
mineral industry of—
Guinea, 6300
Ivory Coast, 6301
Liberia, 7696
Taiwan, 4779, 16565
Venezuela, 10917
- Lim Soo Kan, relief, 16022
- Lime:
hydrated, subgrade stabilization under
landing mat, 7333
liming soils, aid to better farming, 15442
mineral industry survey, monthly, 3149
- Limestone:
Harrodsburg limestone in Kentucky, 9015
imported for use in manufacture of cement
duty-free treatment, report, 17328
- Limitations (law):
establish statute of limitations for certain
actions brought by Government—
hearing, 11670
law, 12830
reports, 10157, 16087
- Limiters, *see* Impact limiters.
- Limnology, Great Lakes, Federal fishery re-
search, annotated bibliography, 11978
- Lin-Fu, Jane S., sickle cell anemia, 3946
- Lin Piao, long live victory of people's war,
14690
- Lincoln, Abraham:
centennial anniversary of 2d Inaugural,
funds for celebration, report, 17252
commemorative stamp (poster), 9612
- Lincoln, Abraham, Joint Committee to Com-
memorate 100th Anniversary of 2d In-
augural, report, print as House document,
reports, 10186, 17469
- Lincoln, Nebr., space education plan for
children, 12276
- Lincoln Boyhood National Memorial, general
information, 7946
- Lindell, Gary R.:
market opportunities for treated wooden
guardrail posts in West Virginia, 791
marketing West Virginia lumber to manu-
facturers in other States, 797
- Lindemann, Terrance, report from volunteer
unit, executives march ahead, Ghana re-
quest shows progress being made by in-
ternational corps from U.S. business,
14781
- Linder, Harold F., address, Apr. 26, 1966,
10448
- Lindmark, Ronald D., removing undesirable
trees from hardwood stands, 10558
- Lindorff, D. P., control of time variable, non-
linear multivariable systems using Lia-
punov's direct method, 7729
- Lindow, Herbert A., basic data on economy
of Colombia, 12780
- Linear amplifiers, *see* Amplifiers.
- Linear equations, *see* Equations.
- Linear exchange model, USSR, 16433
- Linear programming:
analysis, alternative land retirement pro-
grams, aggregate economic effects, 14162
applying in forest industry, 10609
integral, algorithm for solution of problems
with boolean variables, USSR study,
2224
problems, solutions with block structures,
USSR studies, 10744
- Linear systems, mechanical, vibration, 12269
- Lines, *see* Electric lines—Telephone lines.
- Ling-Temco-Vought, Inc., President's E
award for export excellence (remarks)
12791
- Linguistics, *see* Language and languages.
- Linings:
floating liners, use of thin films, for fiber-
glass cryogenic propellant tanks, 4949
fuel tank, effects of jet fuel anti-icing ad-
ditive, 1369
glass flakes as liner for fiber-glass cryo-
genic propellant tanks, 4893
- Link, Leonard E., reactor technology, se-
lected reviews, 5409
- Linn, Alice, how to teach sewing machine
use and care, 3764
- Linnerbom, V. J., statistical evaluation of
gas chromatography for determination of
dissolved gases in sea water, 12428
- Lint cleaning at cotton gins, etc., 16943
- Linters, *see* Cotton.
- Lipids:
acidic, natural, ionic, surface and mem-
brane properties, studies, 10671
human serum, analysis for clinical inves-
tigation, 1620
lipid metabolism and atherosclerosis,
USSR study, 7567
serum lipids during progressive hyper-
thermia, 12635
- Lipp, Frank E., relief, 5569
- Liquid cavitation studies in circular pipe
bends, 4925
- Liquid fuels, methane, potential for Mach
3 commercial supersonic transports,
12352
see also Fuel oil.
- Liquid hydrogen, *see* Hydrogen.
- Liquid level gages, device without electrical
connections in tank measures liquid level,
9489
- Liquid level indicators:
inductive system detects level of conduct-
ing fluids, 15122
photoelectric system continuously moni-
tors liquid level, 4876
- Liquid mechanics, *see* Hydromechanics.
- Liquid metals, *see* Metals.
- Liquid nitrogen, *see* Nitrogen.
- Liquid oxygen, *see* Oxygen.
- Liquid trap seals thermocouple leads, 11006
- Liquid uranium, *see* Uranium.
- Liquidity (economics):
commercial bank liquidity, paper, 16278
economic growth and international li-
quidity (remarks), 12548
foreign gold and exchange reserves, in-
ternational liquidity, current trends,
10416
- Liquids:
behavior in reservoir of sound suppressor
system, 4921
centrifugal device separates liquid from
gas, 4887
configuration in propellant tanks, simu-
lator, 9509
confined, thermal boundary layer, 9521
interaction of structure and liquid in
sound suppressor system, 4926
level, control system maintains, 4872
organic, displacing from solid surfaces,
solution systems, 16768
stability of intermixing high-velocity vapor
with its subcooled liquid in cocurrent
streams, 16656
subcooled, complementary system vapor-
izes, improves transformer efficiency,
6371
theory, 17740
- Liquors:
District of Columbia alcoholic beverage
control act, amend—
hearings, 15965
report, 12906
intoxicating, code of Federal regulations,
7413
- Lisagor, W. Barry, oxidation-resistant coat-
ings on alloy sheet, 7828
- Lisi, Alfred G., carcinogenesis abstracts,
2729
- Liske, Edward A., jr., H-response in elec-
troencephalograms of aircrew personnel,
3799
- Listening, *see* Attention.
- Lister, Ernest A., remarks, June 24, 1966,
11522
- Lists, *see* subjects of lists.

- Litchfield, Elton L., detonation initiation in alkane-oxygen mixtures, 15031
- Literacy Day, International, see International Literacy Day.
- Literature, *see* Baroque literature.
- Lithium:
 columbate, high-temperature heat content, 17867
 corrosion of metals, USSR studies, 16426
 devitrification of lithium, disilicate glass, 2354
 manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
 minerals yearbook chapter, 13686
- Lithographer, I & C, Navy training course, 17975
- Litigation, *see* Actions at law.
- Litter in longleaf pine stands thinned to prescribed densities, 16334
- Litters, *see* Stretchers.
- Little, S., Atlantic white-cedar being eliminated by excessive animal damage in South Jersey, 789
- Little Arkansas River and Valley, fluvial sediment in basin, 14754
- Little Blue River and Valley, fluvial sediment and chemical quality of water in basin, 17728
- Little Calumet River:
 pollution of interstate waters, conference—proceedings, 7493
 technical session, 11962
 conclusions, 11961
- Little John (rocket), *see* Rockets.
- Little Lake Harbor, currents, 9339
- Little miracle on Chapel Street, 17623
- Little Nancy (fishing vessel):
 documentation for coastwise trade—hearings, 8674
 law, 372
 report, 1818
- Little River, S.C. to Rio Grande, Tex., and Antilles, light list, 6991
- Little Rock, Ark., area wage survey, 1093
- Little Tahoma Peak, rockfalls and avalanches, 2092
- Littleville Dam, Huntington, Mass., mining method technique and cost of presplitting flow control gate shaft, 1110
- Litvinov, Maksim, activities as ISKRA agent, USSR, 14837
- Liver, glycogen of anesthetized dog, effects of hydrazine, 9864
- Livestock:
 animal industry, classification, Library of Congress, 1160
 Canada's industry, 10551
 commercial farms, costs and returns, Bluegrass area, Ky., 14531
 farm production, etc., 9739
 foreign agriculture circulars, 2987
 foreign crops and markets (periodical), 2986
 health requirements, etc., government movement, 3733
 importation of animals that have transited countries affected with foot-and-mouth disease or rinderpest, opinion of Attorney General, 9191
 industry, organization and competition, 15214, 16721-723, 17947-948
 insecticides, guide, 9814
 inventory, 6659
 livestock and meat situation, 3158
 livestock reporting, 1st century, 15473
 market news—
 conference report, 1953
 weekly summary and statistics, 3159
 products, exports, expansion, potentials and problems hearings, 17599
 ranches, western, 1965, costs and returns, 14529
 regulatory establishments, stations, and officials, 3714
- Livestock—Continued
 report, 1866-1966, development and progress, 15378
 slaughter industry—
 decentralization, 10408
 federally inspected structural changes, 5863
 slaughter, meat and lard production, etc., 9738
 slaughter, monthly report, 3160
 stimuli and devices to drive livestock, feasibility tests, 8130
 water provided by rain traps, 14133
 western ranches, grazing fees and permitted use of public rangelands on incomes, effects of changes, 4279
 western range and livestock report, monthly, 3705
 world summaries of statistics, release date, announcement, 4433
see also Food for livestock.
- Living conditions, *see* Cost and standard of living.
- Living in space, 13721
- Livingston, Mont.:
 geology of southwestern area (series), 4522
 stratigraphy of Madison group, and discussion of karst and solution-breccia features, 4522
- Livingston coal field, Mont., resources, geology, 12025
- Lizardfishes, Synodontidae of western Atlantic Ocean, field guide, 11967
- Lizards, iguanid lizard *Tropidurus torquatus* at Belem, Para, ecology, aspects, 14015
- Llorens, Jacinta, relief, 15832
- Lloyd, Dallas, arms control and disarmament, studies in progress, etc., 1492, 15336
- Lloyd, Walter A., Extension Service review, 2902
- Load (mechanics):
 bearing loads, use of penetrometers to determine capability of dust materials to support, 4946
 buffet response of Apollo boilerplate service module, full-scale and model compared, 4895
 concentrated, stress distribution in orthotropic half-plane, 10594
 constant-amplitude loading, local plastic stresses in sheet-aluminum-alloy specimens, 4914
 displacements in elastic half-space due to moving concentrated normal load, 12370
 dry film lubricant effective at extreme loads, 12298
 dynamic conditions, behavior of single-turn magnetic coil, 4945
 effect of loading rate on edgewise compressive strength of corrugated fiberboard, 10565
 force-deflection characteristics of aircraft tires, 9413
 friction loading device enables accurate testing of brittle materials, 13780
 general instability of ring-stiffened corrugated cylinders under axial compression, 4902
 in-plane and axial eigenvalue problem for beams and rectangular plates, 15056
 inversion, of circular tube, prediction, 16685
 jet-induced lift losses on VTOL configurations hovering in and out of ground effect, 6415
 linear aerodynamic loads on cone-cylinders, 7735
 low-power ring counter drives high-level loads, 9457
 maneuver fatigue test results, programming techniques and load factors influence, 4913
 mechanism isolates load weighing cell during lifting of load, 6397

Load (mechanics)—Continued
 piloted launch vehicle, simulation investigation of loads, 7836
 pneumatic separator gives quick release to heavy loads, 15093
 pressure responsive seal handles static and dynamic loads, 2378
 pressure-welded flange assembly provides leak-tight seal at reduced bolt loads, 11039
 rectangular plates, moments and reactions, 9640
 René 41, fatigue under constant- and random-amplitude loading at room and elevated temperatures, 1256
 rock bolts under combined loading, yield and ultimate strength, 16585
 static distributed aerodynamic loads on launch vehicles, empirical method for determining, 7833
 tensile-strength apparatus applies high strain-rate loading with minimum shock, 6389
 time-dependent loading, axisymmetric response of cylindrical and hemispherical shells, 15069
 truss-core sandwich cylinder loaded to failure in bending, test, 4916
 wind loads on vertically launched vehicles at various geographic locations and launch altitudes, 6444
 X-15 landing loads, summary, 4979
 Load-carrying terminals for armored electric cables, 2493
 Load cells, *see* Scales (electronic)—Scales (weighing instruments).
 Load lines, merchant and passenger vessels, regulations, 8407
 Load Lines, International Convention on, *see* International Convention on Load Lines.
 Loader, Maurice, and wife, relief, 12870
 Loaders (mechanical):
 scoop-type, M85 A-M, rigging for airdrop, 11407
 universal transloader moves delicate equipment without stress, 15114
 Loading, *see* Load (mechanics)—Unloading and lading.
 Loan associations, *see* Federal savings and loan associations.
 Loans:
 closing costs on single-family homes, 838
 commercial and industrial, outstanding by industry, 2761
 commercial bank lending behavior (remarks), 11947
 constitutionality under certain acts, judicial review—
 hearings, 11818, 13223
 report, 13164
 economic disaster, under consolidated FHA act, authorize, hearing, 4210
 economic injury disaster loans for displaced small businesses, 11218
 EDA business loans, how to apply, 1965, 4263
 excess payments by servicemen on loan accounts, 1849
 farm labor housing, 12611
 Farmers Home Administration—
 insured loans, information for lenders, 3763
 insured, payment of installments—
 law, 17126
 reports, 12983, 16153
 leased lands in Hawaii, authorize—
 law, 15756
 reports, 11768, 14398
 opportunity loans, 8161
 procedures for determining whether loan applicants are unable to obtain financing from private or cooperative credit sources, need to strengthen, GAO report, 4500
 Federal credit programs, study, print additional copies, reports, 12999, 17474

Loans—Continued
 Federal Housing Administration—
 financing for home purchases and home improvements, consumer bulletin, 5935, 14629
 home mortgage insurance, consumer bulletin, 2015, 11917
 Spanish edition, 7368
 quick guide for buying a home, 13322
 title 1, property improvement loans, consumer bulletin, 13323
 Spanish edition, 8899
 to water supply and waste disposal systems serving rural areas, general information, 6769
 Federal loan for poultry processing plant in New Castle, Pa., hearing, 4117
 Federal reserve member bank loans, 3188
 first processors of agricultural commodities, hearing, 17355
 fisheries, for vessels and gear, 754
 Greek refugee repatriation, 1929, settlement acceptance, report, 1914
 guaranteed loans, program for college students of middle or upper income group, 5874
 higher education act of 1965—
 law, 430
 outlined by title, 645
 promise and challenge, 7311
 questions and answers, 7312
 section by section analysis, 646
 State and private nonprofit agency programs, 17622
 home mortgage, in rural areas through Voluntary Home Mortgage Credit Program, 14535
 home owners acts, compilation, 4042
 housing—
 default, VA savings through canceling hazard insurance, GAO report, 13383
 defaulted, collection efforts of VA, GAO report, 4504
 insurable, digest, 7364
 insured and direct loans for vocational education students, guaranteed loans, promise and challenge, 7311
 International Development Agency, loan program financial statements, 1962-64, audit, GAO report, 6006
 Menominee Enterprises, Inc., implement, hearings, 11824
 national defense education act, private non-profit schools, teaching equipment, 4309
 national defense student—
 college-work-study program, and list of participating institutions, 1965-66, 7316
 loans program, general information, 5874
 pools, sale of participations—
 address, 9752
 authorization, 1967, proposal, 11697
 hearings, 8681, 10236, 10267, 10331
 law, 10080
 message from the President, 8505
 reports, 8746, 10145
 public works & development facilities, 4266
 public works and economic development act, broaden coverage, hearings, 14438
 recreational enterprises, 8164
 Rural Electrification Administration—
 electrification and telephone loan accounts, establish, hearings, 13011
 program, statistical report, 16818
 proposed legislation, 11211
 telephone loan account, establish, hearings, 17356
 sales of financial assets by Government agencies, submission of data, regulations, 14050
 savings and home financing, source book, 1965 data, 11915

INDEX 1966

Loans—Continued

- Small Business Administration—
 - amount outstanding, increase, authorization—
 - hearing, 8663
 - law, 10060
 - reports, 5786, 7102, 8570
 - business loan approvals, 1965, supplement, 14012
 - financial assistance programs, summary, 16823
 - lending programs, hearing, 5826
 - pools, sale of participations—
 - hearings, 8681–83, 10267
 - reports, 5785, 8615–16
 - small business, waging war on poverty through economic opportunity loans, 18094
 - soil conservation and allotment act, amend with respect to assignment of payments, report, 17281
 - students as investment (address), 7324
 - students, gleaming promise of guaranteed loans (address), 8841
 - veterans—
 - direct and insured cases, extend trouble-damage action to—
 - law, 17119
 - reports, 10129, 16142
 - guaranteed and direct, questions and answers, 18137
 - permanent program—
 - digest and analysis of bill, 5819
 - print additional copies, report, 7196
 - hearing, 5711
 - law, 5583
 - report, 4099
 - World War I, loans made upon security of adjusted-service certificates, cancel certain unpaid interest, report, 12955
 - veterinary medicine students, reports, 15943, 17527
 - watersheds, 59
 - see also* Credit insurance—Federal savings and loan associations—Mortgages—Savings and loan associations.
- Loblolly pine, *see* Pine.
- Local Board memoranda, 3162
- Local convention representation and constitutional amendments in national unions, 1079
- Local government, *see* Government.
- Local public agency letters, 3164
- Local transit, operating employees, union wages and hours, 9333
- Location identifiers:
 - airport, etc., handbook, 3165
 - system locates randomly placed remote objects, 13751
- Lockhart, L. B., jr.:
 - atmospheric radioactivity in Antarctica, 6551
 - extent of radioactive equilibrium between radon and its short-lived daughter products in atmosphere, 16757
 - size distribution of airborne fission products during 1963–64, 1381
- Lockheed Missiles and Space Company, conceptual design of 50 MGD desalination plant, 12045
- Locks (hydraulic engineering):
 - Cordell Hull Navigation Lock, Cumberland River, Tenn., filling and emptying system, hydraulic model investigation, 16251
 - filling and emptying system, Holt Lock and Dam, Warrior River, Ala., 1993
 - Hannibal Lock, Ohio River, Ohio and West Virginia, hydraulic model investigation, 13297
 - Millers Ferry and Jones Bluff Locks, Alabama River, Ala., filling and emptying systems, hydraulic model investigation, 10444

- Locks (hydraulic engineering)—Continued
 - Monongahela River, navigation conditions at Locks and Dam no. 4, 16250
 - Sault Ste. Marie, Mich., new 2d lock, determine size, policies and procedures followed, GAO review, 17712
 - spillway for typical low-head navigation dam gate sills and stilling basins for locks 5 and 7 Arkansas River, Ark., 1991
 - see also* names of locks.
- Locks and keys:
 - key-locked guard prevents accidental switch actuation, 11027
 - polarizing keys prevent mismatch of connector plugs and receptacles, 12296
 - simple key locks turbine rotor blades, 4860
- Lockwood, Sharon B., Nigeria, guide to official publications, 17824
- Lockwood, Vernard E., pitch-up on supersonic transport model with variable-sweep wing, 15160
- Locomotion, small laboratory animals, electronic integrator for quantitative evaluation of effect of pharmacological agents on motor function, USSR study, 953
- Locomotives, Cincinnati builders, 1845–68, 9565
- Lodgepole pine, *see* Pine.
- Lodging, *see* Housing.
- Loeb, George I., surface chemistry of proteins and polypeptides, 16755
- Loeb, Jeanne, weight at birth, and survival of newborn, U.S., 1950, 1443
- Loess:
 - loess-mantled Great Plains, Medicine Creek drainage basin, Nebr., erosion and deposition, 17717
 - morphologic species, cartographic representation on large scale topographic maps, Communist Chinese study, 17759
- Loewenberg, J. Joseph, operation of severance pay plans and their implications for labor mobility, 7665
- Logan, Samuel H.:
 - economies of scale in cattle feeding, 16722
 - economies of scale in cattle slaughtering plants, 17948
 - labor cost of slaughtering hogs, 16723
- Logan, William J. C., publications on Chinese agriculture prior to 1949, list, 17935
- Logarithms:
 - five-figure table of functions, for determining Seebeck coefficients, 12438
 - logarithmic current amplifier, transistor circuit increases range, 13785
- Logging, *see* Lumbering.
- Logic (symbolic and mathematical):
 - Exclusive-Or circuit, useful properties, 12314
 - low power nanosecond pulse and logic circuits using tunnel diodes, 15168
 - sampled data and switching logic, 9556
- Logistics:
 - machining data, AMC pamphlet, 14209
 - national survival, NREC programs for gaming, 1982
 - preparation and review of machine tool replacement analysis work sheets, 16955
 - propulsion units, Air Force manual, 6791
 - provisioning screening procedures, DSA-DISC manual, 16211
 - see also* Military art and science—Naval art and science.
- Logs:
 - black cherry, not degraded by adventitious bud clusters, 5978
 - black walnut, export controls, hearings, 4214
 - hardwood—
 - cost of scaling and grading, 10602
 - grades for standard lumber, 17698
 - grading at circular sawmills, 5975
 - low-grade for paneling and flooring, 10566

- Logs—Continued
 log jams, effect in salmon spawning stream, 13358
 overruns, southern yellow pine, 14708
 production, 1964, Oregon, 4480
 stored, water spray protects in Hilo, Hawaii, 10574
 veneer, southern hardwood, major defects, 10608
- Logsdon, Donald F., jr., effect of thymidine pool size on incorporation of thymidine into DNA after irradiation, 5329
- Lohr, Inez D., selected films on child life, 276
- Loma, Point, Navy ship mooring facility, hydraulic model investigation, 5887
- Lompoc subarea of Santa Ynez River basin, suitability of irrigation water and changes in ground-water quality, 4529
- London, England:
 Sunday Telegraph, interview with Valeriy Tarsis, USSR comments, 19813
 U.S. trade center, 14783
- Long Beach, Calif.:
 area wage survey, metropolitan area, 12212
 commodity transportation survey, production area series, 8347
- Long Island, ground water development, changing pattern, 9016
- Long Island National Wetlands-Recreation Area, establish, hearings, 14432
- Long Island Sound, tidal current tables, 11505
- Long live victory of people's war, article by Chinese People's Republic Minister of Defense Lin Piao, 14690
- Long term economic growth, 1860-1965, 15595
- Longevity, see Centenarians.
- Longhorn cattle, see Cattle.
- Longhurst, Alan R., shrimp potential of eastern Gulf of Guinea, 4410
- Longitudinal stability, see Stability of aircraft.
- Longleaf pine, see Pine.
- Longshoremen:
 accidents, 1964-65, analysis of injuries, 17806
 longshoremen and harbor workers' compensation act, as extended, 13285
 longshoring, safety data, maritime, 17806
 maritime safety digest (periodical), 3181
 Pacific longshore industry, wage chronology, 9334
 safety and health regulations, 16526
- Longshoring, see Longshoremen.
- Longwall mining, see Coal mines and mining.
- Lonquimay, Chile, uranium reconnaissance, 5400
- Lonsdal, H. K., reverse osmosis for water desalination, 852
- Look-angle-prediction technique for artificial earth satellites, 12431
- A look at tomorrow's jobs, 9314
- Looms, broad fabric weaving, number in place by type and width, 1964, current industrial reports, 246
- Lopez, Oscar, relief, 16023
- Lorain, Ohio, commodity transportation survey, production area series, 8344
- Lordi, J. A.:
 catalysis of hydrogen-atom recombination in rocket nozzles, 6341
 computer program for numerical solution of nonequilibrium expansions of reacting gas mixtures, 10943
- Lorenzo, Carl F., transfer function analysis of fluid contained in longitudinally excited tank, 16692
- Loria, Edward A.:
 consolidation and mechanical properties of electrowon molybdenum, 9387
 correlation of yield behavior in electrorefined vanadium with interstitial impurities, 1169
- Loriz, Andrew, relief, 8708
- Lorton Youth Center, chance on the outside, manpower development and training program, 11867
- Los Alamos, N. Mex., aerial radiological measuring survey (ARMS) of area, 8279
- Los Angeles, Calif.:
 area wage survey, metropolitan area, 12212
 commodity transportation survey, production area series, 8347
 principal electric facilities, map, 7378
 south and east areas—
 census, population characteristics, 12724
 population, special census, 6926
 Worldway Postal Center, plans, 6565
- Los Angeles County, Calif., western, sediment yield of Castaic Watershed, quantitative geomorphic approach, 2103
- Losses in agriculture, errata, 9812
- Lost River and Valley, water pollution study of Klamath Basin, 8933
- Loubsky, William J., tailored-interface operation of shock tubes with helium-driven planetary gases, 12363
- Louis A. Johnson Memorial Veterans' Hospital, designate, report, 16141
- Louisiana:
 climatological data, 2751
 county business patterns, 229, 17000
 electric rate book, 709
 forests, 2080
 highway construction practices, report, 15948
 iron and steel scrap, 9360
 landings, fish and shellfish, 3171
 life tables, 18026
- Lower West Red River Soil and Water Conservation District, improved pastures for prize cattle (colored poster), 9677
- manufacturing plants, location by county, industry, and employment size, 1963 census, 16996
- mineral industry, minerals yearbook chapter, 2351
- northern, low-flow characteristics of streams in Mississippi embayment, 10641
- precipitation data, hourly, 3045
- soil survey laboratory data and descriptions, 16839
- Southeast hurricane disaster relief act of 1965—
 hearing, 527
 law, 439
 report, 554
- Louisville, Ky.:
 area, hydrologic conditions, 9025
 area wage survey, metropolitan area, 9328
 principal electric facilities, map, 7375
- Louttit, Richard T., bibliography in neuropsychology, 13985
- Loving, T. S.:
 direction of movement of jasperoidizing solution, 9013
 underground temperatures and heat flow in East Tintic district, Utah, 4521
- Lovett Food Market, accident, 10697
- Loving, Donald L., wind-tunnel-flight correlation of shock-induced separated flow, 16661
- Low, Seth, America's children and youth in institutions, 6943
- Low-power ring counter drives high-level loads, 9457
- Low rent housing, see Housing.
- Lowell, Mass., commodity transportation survey, production area series, 8339
- Lowenstein, Frank, address, Mar. 8, 1966, 8173
- Lower Colorado River Basin project:
 construct, etc., hearings, 519, 10247
 print additional copies, reports, 499, 561

- Lowery, David P., bibliography of high temperature, kiln drying of lumber, 16336
- Lowery, Ronald R., improvement of commercial hypereutectic aluminum-silicon master alloy, 9384
- Lowrie, L. M., strong motion seismic measurements, Project Dugout, 1682
- Lowrie, Raymond L., analysis of coal industry in Boulder-Weld coalfield, Colorado, 6318
- Lowry, Marlin E., ground-water resources of Sheridan County, Wyo., 12029
- Lowson, M. V., pressure fluctuations in turbulent boundary layers, 4915
- LPN (licensed practical nurse), *see* Nurses and nursing.
- LR series, 6590
- LSD-25, *see* Lysergic acid diethylamide.
- Lubbock, Tex., area wage survey, metropolitan area, 13606
- Lubricants:
- aircraft ordnance, icing resistance, factors affecting, 2500
 - boundary, gallium alloy films investigated for use, 9472
 - dry film lubricant effective at extreme loads, 12298
 - farmers tax credit, 14775
 - Federal item identification guides for supply cataloging, supplements, 2937
 - impregnated in ball-bearing retainers at 10^{-6} torr, evaluation, 4976
 - neopentyl polyol ester, analysis for acyl components, 12425
 - oil contaminants in fluid lines, detection with radioactive tracer system, 7766
 - sales of lubricating and industrial oils and greases, current industrial reports, 15589
 - solid, 16621
 - bibliography, 6360
 - solid-film, effective at high temperatures in vacuum, 7763
 - see also* names of lubricants.
- Lubrication:
- ball bearings, new approach, 12435
 - polytetrafluoroethylene lubricates ball bearings in vacuum environment, 6405
 - rolling contact lubrication studies with polyphenyl ethers at reduced pressures, 4909
 - self-lubricating composites of porous nickel and nickel-chromium, 12357
 - unique gear design provides self-lubrication, 2385
- Luce, Gay G., current research on sleep and dreams, 1307
- Lucifora, Guiseppina R., relief, 1815
- Ludwig, Lawrence P.:
- end effect and pressure patterns in helical groove fluid film seal (viscoseal), 1262
 - gas ingestion and sealing capacity of helical groove fluid film seal (viscoseal) using sodium and water as sealed fluids, 7866
- Luggage, *see* Baggage.
- Luh, J. Y. S., bounded phase coordinate control, 9438
- Luidens, Roger W.:
- manned Mars landing mission by means of high-thrust rockets, 4929
 - planetary parking orbits with examples for Mars, 4959
- Lull, Howard W., annotated bibliography of watershed management research, 10601
- Lumb, Dale R., error rate reduction of parity checked telemetry data by likelihood deletion strategy, 15181
- Lumber:
- air-drying practices in central Appalachians, 17703
 - balsam firm dimension, in selected Minnesota markets, 5995
 - cargo, tariff filing requirement, restore, law, 405
- Lumber—Continued
- dry-kiln, operation and maintenance, Australian study, 10564
 - evaluation of commercially made end joints in lumber, 3 test methods, 4466
 - exports, 1964, 180
 - Federal item identification guides for supply cataloging, supplements, 2935
 - high-temperature kiln drying bibliography, 16336
 - how to determine seasoning degrade losses in sawmill lumberyards, 788
 - Kentucky sawmills production, geographic destination and market outlets, 5979
 - portable hog feeder from red oak, 10591
 - production and mill stocks, current industrial reports, 6921
 - products—
 - census of manufactures, 1963, manufacturing plants, location, 12699
 - commodity transportation survey, shipper series, 215
 - publications, price list, 12458
 - structural size, tension test method, 4465
 - West Virginia, marketing to manufacturers in other States, 797
 - see also* Hardwoods.
 - Lumbering:
 - fair labor standards act, applicability to forestry or logging operations, 11312
 - forces in balloon logging, 4446
 - logging and slash burning, effect on understory vegetation in H. J. Andrews Experimental Forest, 8961
 - logging camps, census of manufactures, 1963, industry report, 6897
 - logging wounds on northern hardwoods, decay and discoloration, 11994
 - mechanized logging operation in southeast Kentucky, harvesting costs and returns, 5976
 - single-hull balloon, logging test, 10604
 - skyline logging, wire rope tensions and deflections, 4481
 - skyline yarding system, radio-controlled, economics and design, 2076
 - Luminance, *see* Light.
 - Luminescence:
 - electroluminescence—
 - research and development reports, 7918
 - vs teletype readability of weather messages, information processing, study, 6801
 - electroluminescent instrument panels, legibility, 15095
 - Lunar:
 - Note.—For other subjects beginning Lunar, *see* Moon.
 - Lunar charts and mosaic series, U.S.A.F., 84-89, 6802, 8195-97, 14179-182, 14186-187
 - Lunar landings:
 - altitude and descent rate combinations for safe abort during terminal phase, 13820
 - iterative guidance mode, application, 1246
 - research vehicle, landing dynamics study, 9403
 - soft, touchdown dynamics, Monte Carlo approach, 1279
 - Lunar missions, *see* Moon.
 - Lunar orbits, *see* Orbits.
 - Lunar satellites, *see* Satellites.
 - Lunar science:
 - manually controlled translation and hover maneuvers over lunar surface, fixed-base visual-simulation study, 17919
 - NASA 1965 summer conference, 2371
 - surface studies, annotated bibliography, 9451
 - Lunch at school, serves the nation, 16937
 - Lunches:
 - children's summer lunch program, establish—
 - hearings, 13030
 - report, 8634
 - see also* School lunches.

Lunde, J. K., symposium on naval hydrodynamics, ships motions, etc., 16753
 Lunden, Leon E., major collective bargaining agreements, management rights and union-management cooperation, 9206
 Lundgren, Allen L., estimating investment returns from growing red pine, 10597
 Lundquist, Arnold L., reducing operating costs in affiliated produce warehouses, 5287
 Lundy, C. A., land conveyance, 15826, 17085, 17417
 Lungs:
 chronic obstructive diseases, management, conclusions of Sth Aspen Emphysema Conference, 11192
 electrical resistivity at 100 kc./sec., 12638
 Lunsford, Jack H., electron paramagnetic resonance spectroscopy, study of surface defects and adsorbed molecules, 7871
 Lurgi-gasifier tests of Pittsburgh-bed coal, 4799
 Luria, Saul M.:
 effect of stimulus duration on perception of red-green and yellow-blue mixtures, 13663
 estimation of size and distance underwater, 13664
 moving stimuli effects on luminance threshold of stationary stimulus, 6285
 Luszczynski, N. J., salt-water encroachment in southern Nassau and southeastern Queens Counties, Long Island, N.Y., 10648
 Lush, Gerson H., Department of State news letter, 2850
 Lustig, Lawrence K.:
 clastic sedimentation in Deep Springs Valley, Calif., 817
 sediment yield of Castaic Watershed, western Los Angeles County, Calif., 2103
 Luther, Larry V., market factors in Thailand, 12785
 Lutheran Church of the Covenant, ship model, duty-free entry, 17186
 Lux, Fred E., length-weight relation of summer flounder, 14675
 Luxembourg:
 alien amateur radio operators, authorization to operate, agreement, 5170
 labor conditions, 13638
 mineral industry, minerals yearbook chapter, 7697
 mutual defense assistance, agreement, 6654
 Luzerne County, Pa., geology, Ransom quadrangle, 13397
 Lyapunov method, *see* Liapunov method.
 Lyles, Charles H., fishery statistics of United States, 14678
 Lyman, Charles P., temperature regulation in vampire bat *desmodus rotundus*, 81
 Lyman series:
 molecular oxygen densities from rocket measurements of Lyman- α absorption profiles, 6340
 errata, 9392
 Lymph, pericapillary space, dynamics of capillaries and existence of plasma flow, 15146
 Lynch, Norris A., market for toys, games and dolls in France, 347
 Lynde, Harold W., jr.:
 cobalt, 15001
 nickel, 16566
 Lyon, L. Jack:
 initial vegetal development following prescribed burning of Douglas-fir in south-central Idaho, 16337
 problems of habitat management for deer and elk in northern forests, 8973
 Lyon, R. H., low-frequency noise reduction of spacecraft structures, 16605
 Lysergic acid diethylamide, Soviet reports on LSD, 14880

Lysons, Hilton H.:
 logging test of single-hull balloon, 10604
 skyline logging handbook on wire rope tensions and deflections, 4481
 Lysozymes, ascorbic acid protection against inactivation, 1625
 Lysyj, Ihor, determination of trace organic materials in water, 6065

M

M2-F1, *see* Gliders (aircraft).
 Ma, M. T., table of radiation characteristics for uniformly spaced optimum endfire arrays with equal sidelobes, 2451
 MA SP series, 1102-3, 4745-46, 6280, 9352-53, 10900-905, 16549
 MAA (medical assistance for the aged), *see* Medical care.
 MAC, *see* Military Airlift Command.
 Macaca Mulatta, *see* Monkeys.
 McAlister, J. Andrew, heat transfer to gas containing cloud of particles, 1185
 MacArthur, Douglas:
 campaigns in the Pacific, 14220
 in Japan, the occupation, military phase, 8260
 reports, 8260, 14220
 MacArthur, Jean B.:
 management aids for small manufacturers, 1456
 small marketers aids, 1460
 McArthur, J'Wayne, feasibility of establishing alfalfa dehydrating plants in Northwest resource conservation and development project areas, 14542
 McBarron, H. Charles, American soldier posters, 3812
 McBride, Don, nomination, hearing, 10369
 McCafferty, James A., persons under supervision of Federal probation system, 14098
 McCarthy, John V., free world production and trade in selected household appliances, 4004
 McCarthy, Mary A., infant, fetal, and maternal mortality, U.S., 18082
 McCarthy, Philip J., replication, approach to analysis of data from complex surveys, 11198
 McCauley, Orris D., cause and cost of production delay at hardwood circular sawmills in Kentucky and Ohio, 5977
 McChesney, Frank, zoning for small towns and rural counties, 11857
 McClendon, Leslie, on-site radiological safety, 16974
 McClure, William J., Convention of American Instructors of the Deaf, report of proceedings of 42d meeting, 4158
 McClurkin, D. C., diameter growth and phenology of trees with high water tables, 2073
 McCulloch, Lacy P.:
 chilling injury of eggplant fruits, 14140
 color changes and chilling injury of pink tomatoes held at various temperatures, 11356
 McCormick, S & E, Inc., *see* S & E McCormick, Inc.
 McCoy, Ernest E., jr., improved Carlson stress meter, 14576
 McCracken, David S.:
 foreign trade regulations—
 Colombia, 4015
 Ecuador, 12778
 McCready, R. M., bibliography of research on utilization of sugar beets, 8131
 McCreary, Ben F., separation trajectory characteristics resulting from separating 2 vehicles in near-earth orbits, 2406
 McCrum, Blanche P., bibliographical procedures & style, etc., 12228
 McCulloch, Frank W., remarks, Oct. 28-29, 1965, 1321

INDEX 1966

McCulloh, Thane H.:
 gravimetric effects of petroleum accumulations, preliminary summary, 7482
 promise of precise borehole gravimetry in petroleum exploration and exploitation, 9017
 McCurdy, Dwight R., private campground user, 8968
 McDanel, David L.:
 electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
 stress-rupture properties of tungsten wire from 1200° to 2500° F, 12349
 MacDonald, Gilmour C.:
 relief, 12880, 16064
 veto, 17170
 McDonald, James E., effects of iron stain on concrete construction joints, 11899
 McDonald, Philip M.:
 broadcast burn in 2d-growth clearcuttings in north central Sierra Nevada, 17686
 Pacific madrone, 10585
 McDougal, Robert B., mineral industry of Oklahoma, 1139
 Mace, Arnett C., jr., accuracy of soil moisture readings with unsealed access tubes, 13363
 McGarry, Thomas, F., remarks, June 13, 1966, 12492
 McGavin, Joseph J., relief, 15800
 McGee, Henry W., appointment as Acting Postmaster of Chicago, swearing-in ceremony (address), 16778
 McGee, Leonard A., midcourse navigation and guidance systems using optimal filtering and linear prediction, 7890
 McGehee, John R., fragmenting-tube energy-absorption process, 6412
 McGibony, John R., hospital central medical and surgical supply services, 1424
 McGrath, James R., sealing underwater exploding wires, 16754
 McGrew, John R., strawberry diseases, 15443
 McGullock, David S., slide-induced waves, etc., caused by earthquake of 1964, at Kenai Lake, Alaska, 13411
 Machado Espinosa, Mario V., relief, 11719, 15682
 Machalilla phase, early formative period of coastal Ecuador, 6499
 Machine guns, history, evolution, and development of manual, automatic, and airborne repeating weapons, 1385
 Machine records codes, addressing method using concise word codes as memory addresses, USSR study, 878
 Machine shops, census of manufactures, 1963, industry statistics, 6911
 Machine tools:
 and accessories, investment opportunity information, list, 2131
 industry, USSR study, 964
 1961-64 world trade, 3871
 portable, industrial plant equipment handbook, 8804
 replacement analysis work sheets, preparation and review guide, 16955
 self-aligning system of programmed control, USSR study, 1006
 Spain, foreign market survey, 178
 Machine translation, see Translating machines.
 Machinery:
 basic machines, Navy training course, 1341
 building industry, cybernetics, analysis aids in production planning, 12180
 chemical machine building, USSR industrial development, translations, 3660
 electrical—
 discharge machining of high-strength metals and alloys, USSR studies, 14832

Machinery—Continued
 electrical—continued
 equipment and supplies, census of manufactures, 1963, industry statistics, 6912
 transmission, distribution, and industrial apparatus, census of manufactures, 1963, industry statistics, 8336
 except electrical and industrial, commodity transportation survey, shipper series, 220
 except electrical, electrical machinery, census of manufactures, 1963, manufacturing plants, location, 12701
 general industrial, and equipment, census of manufactures, industry report, 5449
 heuristics of man and machine, USSR study, 13458
 industrial—
 except electrical, commodity transportation survey, shipper series, 219
 machinery repairmen, employment outlook, 9250
 Laplace-Galois transform in theory of series machines, USSR, study, 9154
 machine building—
 computer center of plant, USSR study, 6190
 development, structural changes, output capacity, etc., USSR study, 10816
 enterprises, new instructions for calculating production cost, 1014
 new prices, USSR study, 12181
 production specialization, problems, USSR study, 902
 machine penetrates into secrets of brain, USSR study, 16474
 man-machine relationships, USSR studies, 9182
 manufacturing, industry wage survey, 7670
 marine, vibration isolation, USSR study, 2240
 mechanical equipment, auxiliary, Spain, foreign market survey, 178
 new laboratory for electric machines in electrical engineering faculty in Belgrade, Yugoslavia, 16498
 power, USSR industrial development, translations, 3666
 repairman 3 & 2, Navy training course, 17976
 safeguarding, basic principles, 1084
 safety dial, 1086
 service industry, census of manufactures, 1963, industry statistics, 6911
 special industry—
 except metalworking machinery, census of manufactures, industry reports, 3901
 Federal item identification guides for supply cataloging, supplements, 2930
 theory of machines, USSR study, 4594
 USSR—
 industrial development, translations, 3657
 machine building—
 important reserve for increasing production, 2179
 large-scale production, trends, 966
 wages and production cost, 2177
 see also names or types of machinery—
 also subjects for which machinery is used.
 Machinery of the brain, 10794
 Machines, see Machinery—also special kinds of machines, e.g. Automatic machinery.
 Machining:
 blind, flexible drive allows operations in hard-to-reach areas, 17899
 electric pulse, metals and alloys, USSR study, 16477
 electronic machining and treatment of materials, USSR articles, 9184
 mill profiler machines soft materials accurately, 11044

- Machining—Continued
 occupations, employment outlook, 9249
 operations, AMC pamphlet, 14209
 precision, new physical and chemical
 methods, USSR study, 936
 cancellation, 14789
 properties of molucca albizia and nepal
 alder, species grown in Hawaii, 10563
 stop and depth indicator aid to precise
 tolerances, 9463
 styrofoam, fixed vacuum plate clamps,
 12323
- Machinists, supervisor, examination an-
 nouncement, 9993
see also Aviation machinists.
- Machta, L., carbon-14 measurements in
 atmosphere, 5392
- McIntire-Stennis act, *see* Forests and
 forestry.
- McIntire-Stennis cooperative forestry re-
 search program, fact sheet, 5837
- MacIntyre, Ailsa A., relief, 474
- Mack, J., transmission study for tandem-
 rotor shaft-driven heavy-lift helicopters,
 138
- Mackallor, Jules A., aeroradioactivity sur-
 vey and geology of Puerto Rico, ARMS-1,
 11419
- McKay, James M., X-15 landing loads, 4979
- Mackay, John S., manned Mars landing mis-
 sions using electric propulsion, 4940
- McKay, Winston L., relief, 16025, 17086
- McKay Creek National Wildlife Refuge, gen-
 eral information, 2042
- McKee, Charles W., Project Fire pho-
 tographic summary and record of reentry
 phenomena at hyperbolic velocities, 17913
- McKenzie, Robert L., chemical kinetics
 behind normal shock waves in mixtures
 for conditions typical of Mars entry, 6451
- McKenzie, Vernon G.:
 clean air act amendments and solid waste
 disposal act of 1965 (P.L. 89-272),
 2107
 paper, Sept. 20, 1965, 1412
- McKeon, J. T., primary piping flexibility
 analysis for liquid-metal-cooled fast
 breeder reactors, 5388
- McKlever, Margaret F.:
 health of women who work, 2530
 national health survey of occupational
 health interest, 13975
 trends in employee health services, 1437
- McKinley County, N. Mex., mining methods
 and costs at section 23 uranium mine,
 Homestake-Sapin Partners, 4755
- McKinney, Carl M.:
 analyses of crude oils from 546 important
 oilfields in United States, 17852
 analyses of some crude oils from fields in
 west Texas, 6326
- McKinney, John R., relief, 12890, 14367
- Mackintosh, Helen K.:
 administration of elementary school pro-
 grams for disadvantaged children, 16225
 educating disadvantaged children—
 in middle grades, 4298
 under six, 5871
- McLaughlin, Thad G., ground water in
 Huerfano County, Colo., 7490
- Maclay, Robert W., reconnaissance of
 geology and ground-water resources in
 Aurora area, St. Louis County, Minn.,
 7491
- McLean, Alan A., occupational mental
 health, emerging art, 12479
- McLean, F. Edward, sonic-boom character-
 istics of proposed supersonic and hyper-
 sonic airplanes, 16667
- McLean, John D.:
 integrating orbital equations of motion,
 16687
 midcourse guidance for return from moon
 to geographically fixed landing site, 6461
- McLemore, H. Clyde, jet-induced lift loss of
 jet VTOL configurations in hovering condi-
 tion, 11062
- McLeod gauges, *see* Pressure gages.
- MacMahon, Brian, age at menopause, United
 States, 18080
- McMillan, A. R., hypervelocity impacts into
 stainless-steel tubes armored with rein-
 forced beryllium, 13826
- McMillan, John L.:
 portrait, acceptance, ceremonies, 17163
 print as House document, report, 17209
- McMullin, Leslie D., list of fishery associa-
 tions in United States, 11973
- McMurdo Ice Shelf, Antarctica, mode of
 uplift of fish and fossiliferous moraines
 on, 5344
- McNabb, Victor O., relief, 8521
- McNamara, F. T., basic data on economy of
 Tanzania, 5551
- McNamara-O'Hara service contract act of
 1965, *see* Government contracts.
- McNary Dam, fish passage report, 667, 11888
- MacNeal, Richard H., use of filament wound
 toroids as pneumatic shock absorbers,
 15071
- McNeely, Richard L., construction and opera-
 tion of Cobb pelagic trawl, 4408
- McNeil, Robert L.:
 addresses—
 Apr. 17, 1966, 8418
 May 23, 1966, 10015
- McNeil, William J., distribution of spawning
 pink salmon in Sashin Creek, southeastern
 Alaska, and survival of progeny, 16313
- McNitt, Harold A., basic data on economy
 of Sweden, 12772
- Macpherson, Thomas C., jr., relief, 15805
- McQuade, Lawrence C.:
 remarks—
 Apr. 27, 1966, 8435
 June 14, 1966, 10038
 June 23, 1966, 11511
 Aug. 8, 1966, 12790
- Macrobis, LAC 43, lunar chart, 84
- Macromolecules, *see* Molecules.
- Macropodidae, catalogue, 12587
- McVey, Daniel H., grain cooperatives, 2000
- McVicker, Thomas R., right-of-way traverse
 and area computation, 5126
- McWithey, Robert R., damping character-
 istics of built-up cantilever beams in
 vacuum environment, 1251
- Macy, John W., jr., nomination, hearing,
 10366
- Macy, Paul, fishery and oceanography trans-
 lations, 2978
- Madagascar, *see* Malagasy Republic.
- Maday, Bela C., area handbook for Malaysia
 and Singapore, 9896
- Maddagiri, Heather G., relief, 11712, 17179
- Maddagiri, Helena G., relief, 11712, 17179
- Maddalon, Dal V.:
 aerodynamic characteristics of sharp right
 circular cone at Mach 20.3, etc., 6420
 longitudinal aerodynamic characteristics
 of blunted cone reentry configurations,
 7848
- Madden, Howard L.:
 comparison of airman qualifying examina-
 tion with differential aptitude tests,
 15488
 estimating reading ability level from AQE
 general aptitude index, S199
- Maddock, Stephen J., rural male residents'
 participation in outdoor recreation, 4455
- Maderak, M. L., sedimentation and chemical
 quality of surface water in Heart River
 drainage basin, N. Dak., 14755
- Madison County, Idaho, geology of Garns
 Mountain quadrangle, 9010
- Madison group, stratigraphy, with discussion
 of karst and solution-breccia features, 4522
- Madison Memorial Building, *see* James Madi-
 son Memorial Building.
- Madrigal, Guillermo M., relief, 1902

- Madrone:
crown and tree weights, 17688
Pacific madrone, bibliography, 10585
Magazines, *see* Periodicals.
- Magill, Arthur W., recording esthetic and biologic changes with photographs, 2071
- Maglieri, Domenic J.:
experiments on effects of atmospheric refraction and airplane accelerations on sonic-boom ground-pressure patterns, 15152
ground measurements of shock-wave pressure for fighter airplanes flying at very low altitudes, etc., 12342
- Magnesium:
alloys—
protective coatings, corrosion resistance of flame-fused teflon to sodium chloride solutions, 12432
wrought products, tolerances, Federal standard, 10516
compounds, minerals yearbook chapter, 15013
mill products, current industrial reports, 2817, 5480
minerals yearbook chapter, 13687
primary, quarterly report, 3415
slurry of particles produced in liquid hydrocarbons by vapor condensation process, 7771
- Magnetic amplifiers, *see* Amplifiers.
- Magnetic bottles, *see* Stellarators.
- Magnetic brakes, *see* Brakes.
- Magnetic control of flow of hot combustion gases in hydrogen-oxygen combustion at 14 atmospheres, 2425
- Magnetic fields:
axisymmetric and multipolar, nonadiabatic particle losses, 2437
concentration gradients produced in electrolytes, investigation, 9044
due to de converter eliminates large stray magnetic fields, 15106
due to solid and hollow conical conductors, 2373
earth, electron collection by spherical satellite, 17877
effects on—
aerospace biology, USSR study, 13537
heat transfer at stagnation point of argon gas, 6436
IMP-I magnetic test program, 7885
influence on central nervous system, USSR study, 14823
magnetic breakdown in finite 1-dimensional model with infinite potential relaxed, 7823
magnetobiology, USSR study, 2180
magnetohydrodynamic boundary layer between parallel streams of different magnetic fields and temperatures, 7748
marine telluric currents, USSR study, 13525
outside perfect rectangular conductors, 15177
particles and fields, 1958-64, significant achievements, 7755
single turn soil behavior under dynamic load conditions, 4945
strong, niobium thin films are superconductive at low temperatures, 7778
superconducting, generator, for use in 1-megawatt space power systems, 7864
underwater magnetic measurements on drifting station, USSR study, 13517
- Magnetic fluid readily controlled in zero gravity environment, 1211
- Magnetic latches provide positive overpressure control, 12320
- Magnetic materials:
temperature effects on maximum induction, instrument system for determination, 15175
transportation of magnetized materials, Federal aviation regulations, 691, 14608
Magnetic memory, wire matrix uses very little power, 1234
- Magnetic mirrors, high-energy ion beams used to accelerate propellant along tube of flux, 16702
- Magnetic Observatory, Automatic Standard, *see* Automatic Standard Magnetic Observatory.
- Magnetic recorders, *see* Tape recorders.
- Magnetic recording, tape, technology, 2375
- Magnetic resonance:
electron paramagnetic, spectroscopy for studying surface defects and adsorbed molecules, 7871
fatigue machine for operation at resonance in vacuum, 1368
see also Nuclear magnetic resonance.
- Magnetic separators, matrix-type, 4800
- Magnetic tape:
handler, disclosures on, 7821
recording, technology, 2375
static friction testing device, 9526
track, feeding Ural 2 electronic computer with information obtained by means of V. M. Anan'yev's multi-input analyzer and recorded, USSR study, 7623
- Magnetic torque, *see* Torque.
- Magnetic waves, radiofrequency power transfer to ion-cyclotron waves in collision-free magnetoplasma, 7876
- Magnetically operated limit switch has improved reliability, minimizes arcing, 12312
- Magnetism:
magnetic roasting of iron ores with ferrous scrap, 7716
significance of dimensionality in spin wave theory of ferromagnetism, 11099
testing for cracks with paramagnetic fluorescent testing media, East German study, 4682
see also Magnetograms—*also* headings beginning Magnetic.
- Magnetite:
reclaiming in dense-medium circuits by froth flotation, 13697
reduction, relation of heat of adsorption to heat of activation, 4789
- Magnetobiology, USSR, 2180
- Magnetograms, MHV series, 5525-28, 10003
- Magnetohydrodynamics:
boundary layer between parallel streams of different magnetic fields and temperatures, 7748
electrode increases operating pressure of MIID accelerator, 1231
hydromagnetic wave propagation near 1 c/s upper atmosphere, 15211
role of conductivity in hydromagnetic stability of parallel flows, 2428
- Magnetometers, used as copper magnetoresistance devices, 13839
- Magnetoresistance, *see* Electric resistance.
- Magnetostriction, monotonic, for nonferromagnetic materials, 16674
- Magnets, uniform-field bending, calculations, 1359
- Magnuson, Warren G., tribute honoring (remarks), 11490
- Magyar tudomány (periodical):
translations, 9164
- Mah, Alla D., thermodynamic properties of vanadium and its compounds, 7706
- Mah, Choy-Sim, relief, 1906
- Mahar, Mary H., school library supervision in large cities, 7319
- Mahdi—Mahmoud—A., mortality of some species of fish to toxaphene at 3 temperatures, 11977
- Mahlstedt, J. P., application of granular herbicides to ornamental plant materials in nurseries, 14103
- Mahoning River, and tributaries, pollution of interstate waters, conference, proceedings, 6572
- Mail carriers:
city delivery, supervision, Post Office Dept., GAO report, 6017
rural, role in national life (address), 13918

- Mail contracts, *see* Postal service.
 Mail handlers, optical scanner, use for sorting, etc. (address), 2509
 Mail matter:
 carrying and handling, cost ascertainment report, 6563
 classes of mail, 8675
 false or misleading, amend U.S. code—
 hearing, 13054
 report, 15868
 fraud and mailability, enforcement action, monthly releases, 3005
 mail-handling equipment, savings available through more extensive use by Post Office Dept., GAO report, 809
 PHS handbook mechanical addressing lists, 1428
 transportation by regulated motor carrier, hearings, 11675, 14436
see also International postal service.
 Mail-order business, firearms, interstate traffic, juvenile delinquency investigation, report, 1924
 Mailing list houses, national directory, 18093
 Mails, *see* International postal service—
 Postal service.
 Maine:
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
 Central Aroostook Soil and Water Conservation District, conservation farming systems cross farm boundaries (colored poster), 9678
 conifers, estimating tree specific gravity, 10595A
 county business patterns, 14264
 electric rate book, 710
 farm labor, importation into U.S., investigation, hearings, 4130
 labor laws affecting women, summary, 8115
 landings—
 fish and shellfish, 3174
 annual summary, 10520
 life tables, 18027
 mineral industry, minerals yearbook chapter, 1130, 17843
 northern, paleozoic gastropoda from Moose River synclinorium, 17721
 potato futures, 8444
 sardines, firms canning, list, 777
 southern, forest, average growth rates, 17685
 Maine, Gulf of:
 marine geology of northeast portion, 10004
 zooplankton in coastal waters, 1964, seasonal and areal distribution, 13349
 Maine Science, Engineering, and Resources Commission, establish, report, 10166
 Maintenance:
 aeronautical antifriction bearings, handbook, 11157
 aerospace maintenance safety, 2644
 air frame, fundamentals, Army technical manual, 134
 aircraft, maintenance, preventive maintenance, etc., Federal aviation regulations, 17646
 changes, 7351, 8877-78, 14600
 combat vehicles, Army Dept., GAO, review, 14736
 control lines, FAA handbook, 16256
 electronics, Coast Guard manual, amendments, 5537, 10008, 11506
 equipment, maintainability demonstration, military standard, 8813
 facilities, Navy design manual, changes, 1569
 fire protection equipment, FAA handbook, 5915
 General Electric 37,000 gpd thin-film distillation pilot plant, 9040
 guide for design, engineering design handbook, AMC pamphlet, 9883
 Maintenance—Continued
 irrigation operation and maintenance bulletin, 3090
 management, depot, field, and organizational, Air Force manual, 11370
 programmed-instruction course—
 radio transmitting set AN/WRT-1, 13908
 radio transmitting set AN/WRT-2, 12418
 provisioning techniques, Army technical manual, 133
 railway cars, Army technical manual, 6848
 soldiers individual equipment, field manual, 3821
 steam, hot water and compressed air distribution systems, manual, 5255
 VIII omnirange equipment, FAA handbook, 8874
 VORTAC tone control equipment, FAA handbook, 7349
 Maintenance shops, equipment, Federal item identification guides for supply cataloging, supplements, 2934
 Malo, Domenic A., effect of gas density on work of breathing in man, 8216
 Maisel, Sherman J.:
 remarks—
 Nov. 11, 1965, 731
 Dec. 28, 1965, 2024
 Feb. 24, 1966, 5955
 Sept. 30, 1966, 16283
 Majka, Emilia, relief, 476
 Makata Island, *see* French Polynesia.
 Maki, A. C.:
 deflection and stresses of tapered wood beams, 4462
 stress distribution in orthotropic half-plane subjected to concentrated load, 10594
 Malacca Strait, sailing directions, changes, 7957
 Malagasy Republic:
 background notes, 8046
 health information for travel in, 12470
 mineral industry, minerals yearbook chapter, 10915
 tracking stations, agreement, 16857
 Malaria:
 anti-malarial measures in Kazakh and Tadzhik SSR, 10815
 research in Rumania, 6195
 Malathion:
 aerial spray controls pine needle-sheath miner, 17689
 drying trays treated to protect raisins from insects, 14111
 wheat protectant against insect damage in small bins, errata, 6754
 Malawi:
 background notes, 16849
 mineral industry, minerals yearbook chapter, 7702
 Malaysia:
 area handbook, 9896
 labor laws and practice, 4713
 mineral industry, minerals yearbook chapter, 2333
 Thailand boundary, study, 2580
 Maldiv Islands, background notes, 11240
 Malenka, Wilbert T., longwall mining in Pennsylvania anthracite mine, 7713
 Males, *see* Men.
 Malheur National Wildlife Refuge, mammals, list, 10536
 Mali:
 agricultural commodities, agreement, 11262
 background notes, 11241
 gazetteer, official standard names, 2089
 mineral industry, minerals yearbook chapter, 9362
 Soviet astronomical and geophysical research, USSR study, 935
 Malignant tumors, *see* Cancer.

INDEX 1966

- Malinin, Theodore, processing and storage of viable human tissues, 16808
- Mallophaga, *see* Lice.
- Mallory, W. W., mineral resources of Flat Tops primitive area, Colo., 13403
- Malloy, R. J., marine geology of northeastern Gulf of Maine, 10094
- Mahnberg, Glenn T., available water supply of Las Vegas ground-water basin, Nev., 828
- Malone, Kevin, mineral industry of Alaska, 2320
- Malt, trade and tariff, information, summaries, 14045
- Malta:
- labor conditions, 13639
 - U.S. naval vessels for repair services, extend visit, agreement, 12531
 - vessel deployment for repair services, agreement, 8085
- Mamay, Sergius H., *Tinsleva*, new genus of seed-bearing callipterid plants, 14752
- Mammals:
- aquatic, morphological features, USSR study, 14921
 - Brigantine National Wildlife Refuge, list, 4420
 - cold-adapted and room-temperature, comparison of effects of dieldrin poisoning, 11447
 - diving and nondiving, cardiovascular responses to apnea, 8214
 - Erie National Wildlife Refuge, list, 4421
 - Malheur National Wildlife Refuge, list, 10536
 - Missisquoi National Wildlife Refuge, list, 4422
 - Moosehorn National Wildlife Refuge, list, 4419
 - National Elk Refuge, list, 4418
 - predatory, hearings, 11672
 - see also* Carnivores.
- MAMOS, monitor system under IBSYS for IBM 7090/7094, 10955
- Man:
- acclimatization and ophthalmology, USSR studies, 12151
 - atoms, nature, and man, 11441
 - automatic machines and man, USSR study, 4589, 16472
 - coordination of motor and vegetative functions during muscular activity, USSR studies, 14824
 - eclipse burns in humans, 12634
 - gastric and intestinal temperature, utilization of radiotelemetry for study, 6209
 - heuristics of man and machine, USSR study, 13458
 - human embarked into outer space, USSR study, 6227
 - low frequency pressure fluctuations effects, 6464
 - man-machine relationships, USSR studies, 9182
 - marginal man and military service, review, 8255
 - mastering of moon, USSR, 12184
 - monograms for determining height-weight-circumference relation in human subjects, USSR study, 2277
 - normal fecal bacterial flora in intestinal tract, study, 10942
 - occupational peculiarities of perception of one human being by another, USSR study, 7569
 - oxygen in humans, recent USSR studies, 7558
 - physiological reactions to space flight, USSR study, 13515
 - response to noise frequencies below 50 cps, 4948
 - response to sustained acceleration, 10978
 - restore man, national health goal, 18075
 - self-locomotion capabilities with space suit in lunar gravity, exploratory study, 12332
- Man—Continued
- winning world-wide war on hunger (address) 9834
 - work of breathing, effect of gas density, 8216
 - see also* Anthropometry.
- Man (nationality), *see* Yao.
- Man-hours, *see* Labor.
- Man-in-space, *see* Outer space.
- Man-machine system, visual feedback loop, effects of time delay, 15063
- see also* Human engineering.
- Management, *see* Administrative management.
- Management—Industrial management—Planning—Administrative management.
- Management analysts, career opportunities in Commerce Dept., 7002
- Management interns, Army Dept. program, 3825
- Management Services Office, Agriculture Dept., appropriations, 1967, hearings, 8648, 11787
- Managers:
- scientific and technical information analysis center, ad-hoc forum—
 - directory, 12677
 - proceedings, 12676
 - traffic, industrial, employment outlook, 9267
- Manasquan, N.J., to Cape Hatteras, N.C. and Chesapeake Bay, coastal warning facilities chart, 12561
- Manassas National Battlefield Park, general information, 13883
- Manchester, Alden C., economics of dairy marketing, bibliography, 13264
- Manchuria, 39th Army in Khingan-Mukden operation, 1945, USSR study, 1065
- Mancoes shale, *see* Shale.
- Mandl, Harold J., psychological aspects of disability and rehabilitation, 9759
- Mandrels:
- permit uniform welding of out-of-round tubing, 13758
 - rotating, speed assembly of plastic inflatables, 7791
- Maneuvers, *see* Flight.
- Manganese:
- activity in liquid iron-manganese alloys, 12260
 - extraction from Georgia umber ore by sulfuric acid-ferrous sulfate process, 1163
 - mineral industry survey, monthly, 3175
 - minerals yearbook chapter, 17838
 - Minnesota manganiferous ores, laboratory processing techniques, 10918
 - occurrences in Eureka-Animas Forks area, Colo., 16558
 - ores, metallurgical grade, disposal from national and supplemental stockpile—
 - hearings, 11643
 - law, 15722
 - reports, 10152, 16089
 - recovery from—
 - ores by reduction-volatilization processes, 6324
 - slag formed by selective oxidation of high-manganese pig iron, 6319
 - vapor toxicity of new antidetonator, manganese cyclopentadienyltricarbonyl, 899
- Manganese cyclopentadienyltricarbonyl, *see* Manganese.
- Manganese sulfate:
- crystals, recovery from solution by submerged combustion evaporation, etc., 9382
 - decomposition by partial reduction process, 10930
- Manger, G. Edward, method-dependent values of bulk, grain, and pore volume as related to observed porosity, 7480
- Mangialardi, Gino J., Jr., lint cleaning at cotton gins, etc., 16943
- Mangoes, Florida, ripening and storage, 47
- Manhart, J. Kenneth, acoustical study of KIWI B nuclear rocket, 4825

Manifolds:

brazing retort design concept may minimize air contamination and enhance uniform gas flow, 15101
 combustion chamber inlet, separates vapor from liquid, 6378
 inlet feedpipe, assembly for M-1 rocket engine, performance evaluation, 6457
 liquid coolant, welds chilled by, 13789
 Mann, Carl M., Navy civil engineer, 3253
 Mann, Charles N., forces in balloon logging, 4446
 Mann, Pete, I guess we're just impatient, 13273
 Manned Orbiting Laboratory, launch facilities for program, hearing, 7198
 Manned space flight, 13706
 Manned Space Flight Office:
 Apollo program—
 forecasts and appraisals for management evaluation, 12285-286
 structural systems and program decisions, 12284, 15088
 errata, 15087
 Manned spacecraft, see Spacecraft.
 Manners and customs:
 Negro in the West, social and economic conditions, 10878, 14983
 ritualism in Islam and its social essence, USSR study, 12123
 Manninen, Elisabeth, relief, 15798
 Manning, James C., wind velocity profiles measured by smoke-trail method at Eastern Test Range, 6453
Manpower:
 advisory committees, 3194
 and automation research sponsored by Office of Manpower, Automation and Training, 2282
 automation research monographs, 1080, 14961
 design and drafting, 1965-75, report, 17800
 development and training act of 1962—
 absences of trainees in programs, GAO report, 8993
 amend rel. to labor mobility demonstration projects, report, 13129
 amendments of 1966—
 hearings, 13031, 17592
 reports, 15906, 17525
 Chicago, Ill., training facilities, selection, etc., GAO report, 12006
 employers guide to on-the-job training, 1631
 guidelines for research grants, 16513
 Lorton Youth Center program, chance on the outside, 11867
 program comparison, 2283
 programs for cooks, 10427
 public assistance recipients, training, 10842
 research and training, report of Secretary of Labor, 7646
 trade unions and MDTA, 10845
 training and activities, report of Secretary of Health, Education, and Welfare Department, 9026
 summary, 4696
 Federally assisted development programs, planning staff study, 10840
 Great Britain and Scandinavia, active policies, 11649
 health, source book, nursing personnel, 13969
 help for handicapped, MDTA training programs, 7641
 improved management practices, etc., by Federal Government, 1864, 8677, 17391
 local employment facilities of your community service center, 4330
 manpower evaluation report (series), 2283, 10842
 manpower services act of 1966, hearings, 10364

Manpower—Continued

maritime, shortage, hearings, 17389
 mental health manpower, current statistical and activities reports, 1308, 11105, 12476
 mentally restored, resource for Federal Government, 6485
 national emergency standby regulations and instructions, Federal personnel, 17041
 policy and program seminar—
 automation, skill and manpower predictions, 17802
 church and antipoverty program, 17801
 expanding employment in pluralistic economy, 17803
 integration in public schools, 1081
 on the line, 6252
 structural unemployment in United States, 4700
 training in perspective of technological change, 4699
 policy and programs in 5 western European countries, 16515
 policy in U.S., history, 7231
 policy in United States, Canada, and Europe, seminars—
 reports, 4230
 study papers, 4230
 professional, scientists, sociologists, nurses, etc., recruit through Professional Placement Network, 11887
 report of Committee on Manpower, National Citizens' Commission, 1547
 report of the President, 1965, hearings, 1950
 report of the President, 1966, statistics—
 departmental edition, 6251
 document edition, 5622
 reprint, 13589
 requirements and supply of labor, productivity trends and unemployment (address), 6272
 requirements, forecasting, 2294
 research and development, pharmaceutical industry, trends, 11112
 research bulletins, 7642, 12197, 16514-515, 17800
 scientific and engineering manpower in Communist China, 2478
 scientific and technical, impact of Federal research and development policies, hearings, 1949
 selected readings, 7231
 hearings, 4230
 services act of 1966, report, 13129
 services for druggists of America, provided by local public employment service offices, 1988
 social work manpower, closing the gap, 6046
 special programs, 10844
 unused, Nation's loss, 16514
 use in wood-products industries of Oregon and Washington, 10603
 USSR, trends, etc., 14372
Manpower, Automation and Training Office,
 manpower and automation research sponsored, 2282
Mans, see Yao.
 Mansfield, Mike, Vietnam conflict, report, 4218
 Manson, S. V., finned tube gas-to-liquid heat exchangers for Brayton cycles in space, 9430
 Manson unit, see Chief Joseph Dam project.
 Manual arts, see Arts and crafts.
 Manuals, see names of departments, etc., issuing manuals—also subjects.

Manufactures and manufacturers:
 annual survey of manufactures, 182, 3874,
 12697, 14249
 industry groups and industries, general
 statistics, 182
 value of shipments by classes of prod-
 ucts, 3874
 anti-friction bearings, shipments and un-
 filled orders, 16988
 carload waybill statistics, 6082
 manufactures, etc., 7531
 census, 1963—
 area statistics, 14250-253, 15567-573,
 16992-995
 EC series, 223, 1707
 final industry reports, announcement
 and order form, 3872
 final subject reports, announcement and
 order form, 16991
 industry reports, 1702-4, 3884-3906,
 5439-51
 industry statistics, 6887-6914, 8328-38,
 11452-453
 manufacturing activity in Government
 establishments, 3907
 miscellaneous industries, industry re-
 port, 6914
 preliminary reports, 2739
 publications program, 1708-9
 special reports, 3907, 6915, 11454-456,
 12698-701, 14254-260, 15574, 16996-
 997
 census publications, price list, 5101
 earnings series—
 1939-Sept. 1965 summary, 1088
 1939-65, summary, 9204
 enterprise statistics, 1963, preliminary
 reports, 11475
 exports sales and orders, current industrial
 reports, 2817
 Federal supply code for manufacturers—
 excluding United States and Canada,
 supplements, 2966
 United States and Canada—
 code to name, 602
 supplements, 2967
 name to code, 601
 supplements, 2968
 financial report of corporations, quarterly,
 3440
 general statistics, 1964, divisions and
 States, 14249
 industries, regional wood use, 8967
 injury rates in manufacturing industries,
 3066
 labor unit cost in manufacturing, 1950-65,
 trends in 9 countries, 17810
 manufacturers' part and drawing systems,
 Defense Dept. handbook, 14514
 manufacturers' shipment, inventories, and
 orders, current industrial reports, 3179
 miscellaneous manufactures, census of
 manufactures, 1966 manufacturing
 plants, location, 11455
 part and drawing numbering systems, De-
 fense Dept., 5843, 10383
 plants, location by industry, county, and
 employment size—
 apparel and related products, 12698
 chemicals and allied products, 12700
 East North Central division, 14256
 East South Central division, 14259
 furniture and fixtures, 12699
 instruments and related products, 15574
 leather and leather products, 12698
 lumber and wood products, 12699
 machinery except electrical, electrical
 machinery, 12701
 Middle Atlantic division, 14255
 miscellaneous manufactures, 11455
 New England division, 14254
 ordinance and accessories, 11455
 Pacific division, 16997
 paper and allied products, printing and
 publishing, 11454
 petroleum and coal products, 12700

Manufactures and manufacturers—Con.
 plants—Continued
 primary metal industries and fabricated
 metal products, 11456
 Rocky Mountain States, 14260
 rubber and plastics products, 12700
 South Atlantic division, 14258
 stone, clay, and glass products, 11455
 textile mill products, 12698
 transportation equipment, 15574
 West North Central division, 14257
 West South Central division, 16996
 sales management, bibliography, 9644
 salesmen, employment outlook, 9272
 small manufacturers, management aids,
 annual compilation, 1456
 U.S. participation in overseas trade fairs,
 sales opportunities, 4574
 wage developments, summary release, 3684
see also names of manufactured articles.
 Manures, *see* Fertilizers.
 Many faces of change, address, 9931
 Manzanita, pringle, shrub seedling regenera-
 tion after controlled burning and herbi-
 cidal treatment of dense chaparral stands,
 2072
 Mapas-itinerarios, descubra um mundo novo,
 visite os E.U.A., 14054
 Maple, William R.:
 forest species compared in Ozark planta-
 tions, 4460
 shortleaf pine stands 5 years after seedfall
 on prepared sites, 5989
 Maple:
 decay and discoloration, organism inter-
 actions, 8974
 sugar, air-layering, 4470
 sugar, germination, influence of tempera-
 ture and early spring conditions, upper
 Michigan, 5983
 Mapping (mathematics), *see* Transforma-
 tions (mathematics).
 Maps and charts:
 accuracy of geodetic measurements in geo-
 logical survey operations, pro and con,
 USSR study, 14907
 Aeronautical Chart and Information Cen-
 ter, chart updating manual, 2744
 cartographic representation of morpholog-
 ic species of loess on large scale topo-
 graphic maps, Communist China study,
 17759
 cartography, Soviet studies, 6166
 catalog of copyright entries, 5838, 17602
 Census Bureau, United States maps, GE-
 50 series, 272, 9971-73, 17019
 census publications, price list, 5101
 Coast and Geodetic Survey:
 aeronautical charts—
 dates of latest editions, 2840
 1966 catalogs, 3990, 6980
 flight information publications, dates of
 latest editions, 2841
 instrument approach procedure charts—
 including airport obstruction charts
 and turbine data sheets, 3068
 military fields, 3196
 nautical chart catalog—
 Atlantic and Gulf Coasts, Puerto
 Rico, and Virgin Islands, 6988
 Pacific Coast, Hawaii, Guam and Sa-
 moa Islands, 6989
 congressional districts, 90th Congress,
 7019
 copyrighted, 1956
 facsimiles of rare historical maps, list of
 reproductions sold by publishers and dis-
 tributors, 17822
 Federal item identification guides for sup-
 ply cataloging, supplements, 2939
 FPC principle electric facilities, maps (se-
 ries), 7374-81
 Hungarian cartography—
 achievements, 12176
 conditions, problems, and plans, 16487

Maps and charts—Continued

- International Indian Ocean Expedition cruises, track charts, 15232
- lunar charts—
 - AIC 58C, Gambart, 86
 - AIC 58D, Reinhold, 87
 - AIC 59C, Triesnecker, 8196
 - AIC 59D, Pallas, 8197
 - AIC 60C, Arago, 14180
 - AIC 60D, Agrippa, 88
 - AIC 61D, Maskelyne D, 14181
 - AIC 77A, Flammarion, 89
 - AIC 79A, Capella, 14182
 - LAC 43, Macrobius, 84
 - LAC 44, Cleomedes, 6802
 - LAC 92, Byrgius, 8195
 - LAC 97, Fracastorius, 85
 - LAC 98, Petavius, 14179
 - RLC 6, Hypatia, 14186
 - RLC 7-9, Sabine, 14186
 - RLC 13, Ptolemaeus, 14187
 - RLC 14-17, Alphonsus, 14187
- Mars (planet), MEC-1 prototype, 6803
- price list, 13953
- tour planner maps, travel a new world, see U.S.A.—
 - German edition, 14062
 - Portuguese edition, 14054
- United States of America, Federal aid highways, national system of interstate and defense highways, Federal-aid primary highway system, and U.S. numbered highway system, 1450
- Weather Bureau, daily synoptic series, 2627
- see also Atlases—also subjects—also names of localities.
- Mar del Plata convention, 13085
- Marble setters, employment outlook, 9216
- Marchant, Leland C., nitrogen gas in oil-fields on Nesson anticline in North Dakota, 17857
- Marchesan, Paride, relief, 1897
- Marcus, Stanley, effect of atropine and ether on parenterally induced Cocksackie B infection in mice, 78
- Mardessich, Branka, relief, 12876
- Marek, Czeslawa, see Piotrowski, Maria A.
- Marengo County, Ala., land held by B. A. Cogle, adjudicate claim, 12864, 14365, 16013
- Margason, Richard J., longitudinal stability and control characteristics of powered model of twin-propeller deflected-slipstream STOL airplane configuration, 13808
- Marginal man and military service, review, 8255
- Marianas Islands :
 - fishes, families from Kraemeriidae through Antennariidae, 7937
 - Guam, geology and hydrology (series), 4519
 - see also Guam Magnetic Observatory.
- Marianski, Przemyslaw, see Nowakowski, Przemyslaw.
- Marine aids, see Navigation.
- Marine animals, see Marine fauna.
- Marine atlases, see Atlases.
- Marine biology :
 - biological research laboratory, La Jolla, Calif., use of land donated by University of California, law, 404
 - central Asia and Kazakhstan, hydrobiological research, USSR, 9147
 - inspection, repair and preservation of waterfront structures, operational handbook, 5256
 - Marine borers, effect on various wood species, marine biology operational handbook, 5256
- Marine Corps :
 - ammunition, status, hearings, 10324
 - antimechanized operations, Fleet Marine Force manual, 2309

Marine Corps—Continued

- chronology—
 - 1775-1934, 10895
 - 1935-46, 10896
- Fleet Marine Force manual FMFM series, 2309, 4743-44, 6279, 9350-51, 10894, 13654-655, 16547-548, 17826
- Fleet Marine Force units, manual, air movement, 13654
- force in readiness, lay leader's handbook, 7685
- historical bibliographies series, 9349, 10893
- historical reference pamphlets, 10895-897
- history, annotated reading list, 10893
- infantry regiment, Fleet Marine Force manual, 13655
- management review (periodical), 3254
- Marine division, Fleet Marine Force manual, change, 4744
- materials handling equipment and commercial-design trucks, potential savings through improvement in management, GAO report, 14732
- officers, general, authorize increase reports, 15838, 15859
- officers, register—
 - departmental edition, 11152
 - document edition, 10099
- procurement of equipment and spare parts, GAO report, 10619
- professional reading guide, 16750
- publications, price list, 17996
- recipe service, 5182
- retirement guide, 17827
- rifle companies and platoons, Fleet Marine Force manual, 16548
- rifle squad, manual, 17826
- troop leaders guide, 16547
- uniforms, regulations, 13656
- World War II, bibliography, 9349
- Marine Corps Reserve :
 - colonels, authority for promotions—law, 397
 - reports, 548, 1842
- 5-cent commemorative postage stamp (poster), 13922
- history, 1st 50 years, 14987
- reserve marine (periodical), 3472
- retirement guide, 17827
- Marine engineering, regulations and material specifications, 14316
- Marine fauna :
 - amphipoda of atolls in Micronesia, 2466
 - marine-animal products, food for animals, firms canning, list, 778
 - poisonous and venomous marine animals of world, 8818
 - poisons, biochemistry, USSR study, 6203
 - precooked marine products, simultaneous radiation-heating treatment, 11425
- Marine geology of northeastern Gulf of Maine, 10004
- Marine paleoecology, see Paleoecology.
- Marine salvage and hull repair, 15520
- Marine science, see oceanography.
- Marine Science, Engineering and Resources Commission, establish, law, 11563
- Marine troop leaders, guide, 16547
- Marine zoogeography, see Zoogeography.
- Mariner, see Spacecraft.
- Mariners, see Notice to mariners.
- Mariners weather log (periodical), 3180
- Marines, Lebanon, 1958, historical reference pamphlet, 10897
- Marino, Vicente Fernandez, see Fernandez Marino, Vicente.
- Marital status, see Marriage.
- Maritime Administration :
 - appropriations, require authorization, report, 17272
 - current regulations, index, 12231
 - decisions, Aug. 1961-Sept. 1964, 1101
 - gateway to your future, 2311, 17828
 - press releases, 3386

- Maritime Administration—Continued
 report, 1965—
 departmental edition, 12230
 document edition, 11600
 SP series, 1102-3, 4745-46, 6280, 9352-53, 10900-905, 16549
 transfer—
 hearings, 10246, 10346, 11809, 13040, 13212
 message from the President, 5617
 reports, 11634, 12973, 16158
 Maritime Advisory Committee, maritime policy and program of United States, report, 17829
 Maritime Consultative Organization, Intergovernmental, *see* Intergovernmental Maritime Consultative Organization.
 Maritime industry, *see* Merchant marine—Shipping.
 Maritime policy and program of United States, 17829
 Maritime safety data for shipyards, 1085, 4709, 16520-25, 17806
 Maritime safety digest (periodical), 3181-82
 Maritime service, *see* Shipping.
 Maritime Subsidy Board:
 current regulations, index, 12231
 decisions, Aug, 1961—Sept, 1964, 1101
 establish within Federal Maritime Administration—
 hearings, 15984
 reports, 15873-874
 Mark Twain National Wildlife Refuge, general information, 4414
 Markers:
 Great River Road, manual, 1448
 sea dye, provides visibility for 20 hours, 13749
 Marketing, *see* Markets and marketing.
 Markets and marketing:
 acreage marketing guides, 589, 1952, 5827-29
 Africa—
 market indicators, 15645
 market profiles, 14323
 agricultural marketing (periodical), 2648
 agricultural marketing agreement act, amend, law, 431
 agricultural marketing, vital link between farmer and consumer, 6753
 agricultural markets in change, 11863
 agricultural research, scientific careers, 3760
 challenging look of the future (address), 9842
 change, farm marketing's secret armor (talk), 4278
 consumer in market, challenge for both (remarks), 6741
 distribution cost analysis, 16819
 economics research publications, reference list, 14534
 Europe, indicators, 4010
 export marketing for small firms, manual, 15323
 facts for marketers, standard metropolitan statistical areas—
 East North Central region, 6877
 East South Central region, 6878
 Middle Atlantic region, 6879
 Mountain region, 8314
 New England, 6880
 Pacific region, 8315
 South Atlantic region, 14246
 West North Central region, 9941
 West South Central region, 8316
 Far East, market profiles, 15647
 Federal-State news reports, directory, 13233
 Federal-State news service, California rice stocks and movement report, 2725
 foods, frequency of use of private labels, by distributors, 16733
 foreign crops and markets (periodical), 2986
 Markets and marketing—Continued
 foreign market survey (series), 174-178
 Georgetown public market, restore, hearing, 5688
 insights on marketing innovations (excerpts from lectures), 4287
 Latin American area profiles, 12775
 low cost marketing aids for higher export profits, 4575
 market for fireplace wood in urban area of Connecticut, 17700
 market news by wireless, 15465
 market promotion activity of Foreign Agricultural Service, review, report, 17266
 marketing and regional development (paper), 14322
 marketing and transportation, 3183
 marketing bulletins, 6753, 14139
 marketing information guide, annotated bibliography, 3184
 marketing orders, fruit and vegetables, Federal and State legislation, evolution, etc., 17949
 marketing research reports, 44-51, 1589-90, 3758-59, 6754-60, 8148, 9822, 11356-359, 12607-609, 14140-144, 15448-449, 16928-930
 marketing research workers, employment outlook, 9207
 markets for U.S. products—
 East Africa, 12059
 Iran, 7526
 Ivory Coast, 7527
 Kenya, 12059
 Mexico, 12060
 Tanzania, 12059
 Uganda, 12059
 measuring markets, guide to use of Federal and State statistical data, 9945
 Near East and south Asia market profiles, 11519
 Negro marketing information, guide, 16990
 Panama, factors, 12784
 proposals in agricultural policy and implications to marketing divisions of State Departments of Agriculture (statement), 4233
 research and development programs, etc., include in marketing agreements, law, 431
 small marketers aids, annual compilation, 1460
 Thailand, market factors, 12785
 United States official operations in foreign exchange and gold markets, 11304
 Western Europe and Canada market profiles, 12782
 wood pallet market in steel industry, 17702
 world market, trade tips, 10019
 your plentiful foods program, marketing aid, 1602
 see also names or classes of commodities, etc., marketed.
 Marking, Leif L., evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
 Markings:
 obstructions in navigable waters, clarify responsibility, hearings, 8674
 registration, aircraft and related products, Federal aviation regulations, changes, 5918, 14601
 tree marking system improves, forest spraying operations, 8952
 Markley, Marco, soil survey of Camden County, N.J., 11233
 Markovitz, Eugene S., relief, 8720
 Marksmanship, *see* Shooting.
 Marlboro County, S.C., soil survey report, 6618
 Marquette Tercentenary Commission, *see* Father Marquette Tercentenary Commission.
 Marquis, David A.:
 artificial light sources differ in effect on birch seedling growth, 790

- Marquis, David A.—Continued
controlling light in small clearcuttings, 801
- Marrero, José:
effect of plastic mulch on weed growth and early height growth of Honduras pine, 16327
potting media for Honduras pine, 16328
survival and growth of bagged and bare-rooted Honduras pine, cadam, and primavera, 16326
- Marriage:
age at first marriage, 1960 census of population, 11479
common-law, prohibit contracting in D.C., report, 15855
effect of disclaimers on allowance of marital deduction for estate tax purposes—
law, 17118
reports, 10140, 16129
laws, 5248, 16910
marital status—
Mar, 1965, population characteristics, 266
1960 census of population, 3939
population characteristics, census 1960, marital status and age at 1st marriage, 1706
records, where to write, 9635
registration in United States, 12475
vital statistics of U.S., 1445
see also Premarital examinations.
- Marrow:
bone—
in oxidation of benzene, USSR study, 6147
transplantation, USSR study, 4608
- Mars (planet):
chart, MEC-1, prototype, 6803
entry, typical conditions, estimate of chemical kinetics behind shock waves, 6451
entry vehicle damper, conceptual design, 15042
manned landing mission—
by means of high-thrust rockets, 4929
using electric propulsion, 4940
manned mission, return, atmosphere re-entry guidance scheme, 9535
- Mariner IV, 1964-65, report from Mars, 9443
observations, optical properties of plants, influence of environmental factors, etc., 12375
optimization of double-conic interplanetary trajectories, 4932
planetary parking orbits, 4959
round-trip trajectories, minimum propellant consumption for vehicles, 4967
volcanic activity, 5001
- Marseilles, Ill., railroad accident, 12076
- Marsh funnels, *see* Funnels.
- Marshall, Jean M., initiation of labor, proceedings of Interdisciplinary Conference on Initiation of Labor, etc., 9557
- Marshall, L. B., handbook of Hospital Corps, Navy, 3032
- Marshall Islands, fishes, families from Kraemeridae through Antennariidae, 7937
- Marshes, Serra das Varas (Arcoverde), Brazil, 9165
- Marson, Frank M., snow, ice and frozen ground, 16957
- Marti Prieto, Marcial A. (Alfredo):
relief, 16062
- Martin, C. S., hydrodynamics of tire hydroplaning, 16610
- Martin, E. Dale, boundary shock waves, 4941
- Martin, William E., interception and retention of radioactive fallout by desert shrubs in Sedan fallout field, 5397
- Martin, William M. jr., remarks, Dec. 8, 1965, 728
- Martinek, Harold, election battery for Army image interpreters, 9915
- Martinez, Alberto L., relief, 13104, 17083
- Martinez, Mario G., relief, 11705
- Martinez, Virgilio Ocosta, *see* Ocosta-Martinez, Virgilio.
- Martinez y Corpas, Miguel, relief, 15818
- Martinson, R. K., experimental Sept. hunting season on teal, 10540
- Matorana, S. V., State legislation relating to higher education, 17626
- Marty, Robert:
blister-rust control in East, 10599
compound interest tables for long-term planning in forestry, 12595
mensurational characteristics of eastern white pine, 4468
reforestation and stand improvement projects, etc., on national forests, 9813
- Martz, C. William, solving single-degree-of-freedom roll equation with time-dependent coefficients, 4917
- Marx, Karl, attitude toward religion, 7601
- Marxism, *see* Communism.
- Mary, Cecilia, Sister, *see* Esquivel, Leonie.
- Maryland:
aeroradioactivity survey and geology of area nearest D.C., 9917
census of business, selected services, area statistics, errata, 3877
census of manufactures, 1963, manufacturing plants, location by country, industry and employment size, 14258
climatological data, 2751
county business patterns, 1721, 5466
electric rate book, 711
fishery products, wholesale dealers, list, 768
Harford Soil Conservation District, contour strip-cropping (colored poster), 9679
labor laws affecting women, summary, 6700
landings, fish and shellfish, 3185, 13338
life tables, 18028
mineral industry, minerals yearbook chapter, 1131
postal map, 13933
precipitation data, hourly, 3045
southern, pre-commercial thinning not recommended for Virginia pine stands, 4443
transit compact, approval—
hearings, 15983
message from the President, 15783
reports, 15891, 16107
- Marzetta, Louis A., peak ac-de voltage comparator for use in standards laboratory, 5014
- Mascarenhas de Moraes, Joao B., *see* Moraes, Joao B. Mascarenhas de.
- Mascitti, Vincent R., charts of additive drag coefficient and mass flow ratio for inlets utilizing right circular cones at zero angle of attack, 11061
- Masers:
bibliography, 15089
hydrogen maser frequency comparison with cesium beam standard, 7834
optical materials, nuclear radiation processing, 16971
traveling-wave, broadband, superconductive techniques, 7723
- Maskelyne D, A1C 61D, lunar chart, 14181
- Masks, *see* Gas Masks—Oxygen masks.
- Maslowski, Edward A., pumping of mercury ion beams by liquid-nitrogen cooled condensers, 4965
- Mason, Charles M., drop-weight testing of explosive liquids, 12254
- Mason, Robert M., filter pack technique for classifying radioactive aerosols by particle size, mathematical considerations, 1382
- Masonry, building construction materials and practices, Army technical manual, 128
- Masons, stonemasons, employment outlook, 9216

INDEX 1966

Mass (physics):
 measurement philosophy of pilot program for mass calibration, 11097
 Mass feeding, *see* Emergency mass feeding.
 Mass spectra, *see* Spectra.
 Mass spectrograph, *see* Spectrographs.
 Mass spectrometer-gas chromatographs, *see* Chromatographs.
 Mass spectrometers, *see* Spectrometers.
 Mass spectrometry, *see* Spectrometry.
 Mass spectroscopy, *see* Spectroscopy.
 Mass transfer:
 interfacial, in pressurized tank containing liquid hydrogen, 6425
 laminar boundary layer on cone in supersonic flow with uniform mass transfer, 9414
 Mass transportation, *see* Transportation.
 Massachusetts:
 Berkshire Conservation District, beef cattle on improved pasture (colored poster), 9680
 bus taxation proration compact, consent of Congress, reports, 8563, 14453, 17347
 census of manufactures, 1963—
 area statistics, 16904
 manufacturing plants, location by county, industry, and employment, size, 14254
 county business patterns, 1722, 14265
 geology of selected quadrangles (series), 9006
 labor laws affecting women, summary, 5245
 landings—
 by gear and subarea, 1965 summary, 17673
 by ports, 1965 summary, 17672
 fish and shellfish, 3186
 life tables, 18029
 mineral industry, minerals yearbook chapter, 1132, 17844
 postal map, 13934
 shoe manufacturing, wage chronology, 6268
 women, legal status, 18145
 Masse, Benjamin L., church and antipoverty program, 17801
 Massengill, H. Edward, direct vs indirect assessment of simple knowledge structures, 8193
 Masser, Charles C., radiant heating of seeded gas in coaxial-flow gaseous reactor, 4943
 Massey, Iris H., validation of recruiter-salesman selection test, 8200
 Masson, Paul, Vineyards, Presidential E award for excellence in exporting presentation (address), 327
 Mastenbrook, H. J., vertical distribution of water vapor over Kwajalein Atoll, Marshall Islands, 12440
 Master planning of NASA installations, report, 5634
 Mastication, effect on tooth mobility, 9867
 Masts and rigging:
 rigging cargo gear, 14965
 short wave antennas, USSR study, 4648
 Masubuchi, Koichi, residual stresses in steel weldments, 18091
 Mat de totem des Indiens Haida, Saxman, Etat d'Alaska, 15407
 Matagorda Ship Channel, model study, Matagorda Bay, Tex., 7335
 Materials:
 aircraft, metallic materials and elements, flight vehicle structures, change, 615
 atomic—
 AEC program, hearings, 10092
 development programs, summaries, 5407
 nuclear fuels and materials development, 6861
 building, American-made, use in embassy, etc., construction, GAO report, 8992
 building construction and practices, Army technical manuals, 129, 1649-50
 Communist China, translations, 3596
 construction, used in distillation plants, study, 7515

Materials—Continued
 developed since 1954, infrared spectra of plastics and resins, 16766
 electronic machining and treatment, USSR articles, 9184
 electronic treatment, USSR studies, 9145, 14918
 engineering, Soviet conference, 16428
 fiber-metal composite materials, 13834
 fragmenting-tube energy-absorption, 6442
 ignitibility and combustibility, effects of 100% oxygen, 3797
 impact- and puncture-resistant material protects parts from damage, 15105
 industries, East European, translations, 3604
 non-ductile flaw-induced fracture, semi-atomistic model, 9439
 nuclear, *see above*, atomic.
 packaging, flexible, transparent, 15208
 physically tested in variable-environment chamber, 7786
 plastic, defense engineering, specifications and standards, 17614
 plate, of lead-acid cell, anodic oxidation of basic sulfates of lead, 12429
 polymeric, compatibility with fluorine and fluorine-oxygen mixtures, 12340
 preservation, packaging and packing, Federal test method standard, 7424
 project materiel, management, FAA handbook, 8872
 reactor, review of recent developments, 3453
 requirements for construction of federally aided highways, 4715
 sewer works construction, requirements, 16534
 Soviet conferences, 10735
 Soviet construction and building materials industry, translations, 3613
 space materials handbook, 6355
 spacecraft, meteoroid environment, effects, 4834
 standard, National Bureau of Standards, catalog and price list, quarterly insert sheets, 11090
 structural—
 ceramics investigation, 17883
 high strength, metallurgical characteristics, 5076
 synthetic, modified soldering iron speeds cutting, 11038
 telephone system, construction contract, REA, 12497
 testing, Rumanian inventions, 10805
 versatile machine mills and saws light materials, 13799
see also Composite materials—Raw materials—Strategic materials—*also* names of materials.
 Materials handling:
 equipment—
 Federal item identification guides for supply cataloging, supplements, 2932
 industrial plant equipment handbook, 7255
 potential savings through improvement in management, Marine Corps, GAO report, 14732
 machinery and equipment, census of manufactures, 5448
 special purpose equipment materials handling, organizational mechanic/repairman course, 5364
 Materiel, *see* Military supplies.
 Maternity, *see* Mothers.
 Mateyka, David T., commercial egg-producing farms, New Jersey, 14532
 Mathematical models, *see* Mathematics.
 Mathematicians:
 employment outlook, 9251
 examination announcements, 14302
 trainee, 298

Mathematics :

algorithms—
actions of operator in emergency situations, USSR study, 6130
solution of problems of integral linear programming with boolean variables, USSR study, 2224
all-Union conference on mathematical optimal programming, 1071
analytical conditions of positiveness of real functions, 6189
applied mathematics series, 7908
applied, research planning in Hungary, 2260
career opportunities, examination announcement, 5519
Communist Chinese abstracts, 2775
East European abstracts, 2872
economic-mathematical methods applied to economy, USSR study, 14855
equations, computer system symplifies programming, 13796
error in induced electric field modes under Stix coil resulting from assumption of orthogonality of natural plasma modes, 6438
functions with formulas, graphs, and tables, NBS handbook, list of errata, 7908
instruction and supervision, present practices, 8850
lively 3d R, 16237
logical model representing personnel flow in U.S. Army, considerations, relative to reduction of turbulence, 3339
low achiever in mathematics, 648
mathematical analog in metallurgy, USSR study, 1008
mathematical apparatus of biological cybernetics, USSR study, 10705
mathematics and mathematical physics, journal of research, National Bureau of Standards, 3101, 17938
mathematics and your career, 7675
mean square and elliptical errors methods used to determine accuracy of points in pulsed-sound range finder measurements, 910
methodological problems of mathematical modeling in natural science, USSR study, 12169
methods, application to economics, USSR studies, 6111
Michailov criterion for exponential polynomials, 10956
minimax control of large launch boosters, 15053
minimax studies, 15054
models—
for beam and plate vibration in bending modes using lumped parameters, 9518
for dynamic behavior of single tube condenser, 11073
in medicine, USSR study, 2199
of excitation, USSR study, 2232
simplified, production planning, formulation, USSR study, 2250
modern, and your child, 4311
multi-component exponential decay curves, fitting by digital computer, 3793
process of continuous culturing of microalgae, description, USSR study, 4624
related fields, mathematicians, statisticians, actuaries, employment outlook, 9251
root locus diagrams by digital computer, 15059
simplified thrust-vector technique for establishing lunar orbits, 6458
tables—
expansions in elliptic motion, 7952
sigma-t with intervals of 0.1 for temperature and salinity, 7441
spherical Hankel functions of imaginary argument, 1375

Mathematics—Continued

tables—continued
10-10 uranium unit cost components, 16970
teaching, logical aspects, USSR study, 9159
USSR abstracts, 3677
USSR study, 17770
Yefimov, Nikolay V., Lenin prize winner, 14881
see also Calculus—Equations—Integration (mathematics)—Optimal processes—Population (mathematics)—Programming (mathematics)—Scheduling (mathematics)—Sequential tests—Variables (mathematics).
Mathematics and Physics Department of Hungarian Academy of Science, report of departmental leadership, 9169
Mather, Bryant, investigation of expanding cements, 682
Mather, J. Warren, supply cooperatives, 14589
Mathews, J. Chesley, 19th century American men of letters (lecture), 2306
Mathias, Adrian J., critical path planning and scheduling applied to mining operations, 7709
Mathis, Billy, oil and gas lease, reinstate, 17089
Matrices (mathematics):
generation of random sample-covariance matrix, 4951
inverse of Vandermonde matrix with applications, 13843
iterative method for computing generalized inverse of matrix, 11078
linear analytic model for axisymmetric launch vehicles, 4808
memory matrix uses very little power, 1234
see also Mathematics.
Matrix-type magnetic separator, 4800
MATS, see Military Air Transport Service.
Mats:
landing mat, design curves for runways to be surfaced, 10441
T11 aluminum airplane landing—engineering tests, revised design criteria, 7337
subgrade stabilization with portland cement, etc., 7333
Matsler, Anderson G., relief, 391
Mattamuskeet National Wildlife Refuge, birds, list, 16303
Matter:
electron interactions, 2359
equation of state, at supernuclear density, 1247
particulate, in ocean, characterization, 16767
Matteson, Halsey H., color-mixture functions with white desaturant, 13661
Matthava, see Mollusks.
Matthews, Earle D., soil survey, Somerset County, Md., 15335
Matthews, H. E., electrical properties of stannic oxide ceramics, 4831
Matthews, Howard A., most delicious career, 10427
Mattresses, current industrial reports, 2817, 11465
Mattson, M. E., materials of construction in distillation plants, 7515
Matzick, Arthur, development of Bureau of Mines gas-combustion oil-shale retorting process, 10908
Matzke, Lourdes S. (Delotayo):
relief, 10116, 14356, 16027
Maui, principal electric facilities, map, 7381
Mauna Loa, phenology of Acacia koa, 10577
Mauritania:
gazetteer, official standard names, 16354
mineral industry, minerals yearbook chapter, 9362

Mauritius and Dependencies, background notes, 16850
 Maxie, B. C., radiation technology in conjunction with postharvest procedures as means of extending shelf life of fruits and vegetables, 5413
 Maxilla, maxillary sinus disease in aviators, 9862
 May, Charles E., dependence of surface conductivity of sodium chloride on chemical nature of surface, 6427
 May, Timothy C.:
 asbestos, 17833
 perlite, 15020
 vermiculite, 1172, 17869
 May, Timothy J., nomination, hearing, 7234
 Maya, Jacobo A., relief, 13117, 15684
 Mayko, R. W., soil survey report, Prineville area, Oreg., 6614
 Mayo, Edward E., Newtonian aerodynamics for tangent ogive bodies of revolution, 7857
 Mayo, Henry C., dynamic strength ratio as limiting parameter in shock design, 6555
 Mayonnaise and related products, current industrial reports, 15588
 Mayors, of each city with local airline service, CAB letter, 3578
 MDTA (manpower development and training act), *see* Manpower.
 Meal:
 cottonseed meal, futures trading and open contracts, 3011
 domestic corn meal bulletin, 2862
 export corn meal bulletin, 2893
 export corn meal port bulletin, 2894
 export corn meal price bulletin, 2895
 Meals, *see* Food.
 Meanley, Brooke, selected bibliography on red-winged blackbird, life history, etc., 14677
 Measure for progress, 13858
 Measurements:
 and interpretation of plasma properties to 100 kilobars of pressure, 9420
 navigational, television capabilities for making, 7875
 of shock velocity by use of microwave technique, 10957
 philosophy of pilot program for mass calibration, 11097
 range and range-rate, use in estimating orbital elements of lunar satellite, study of accuracy, 4911
 selected facial, of children for oxygen-mask design, 15555
 space survey, instruments and spacecraft, 13727
 tests for measure of primary perceptual-motor performance, development, 4805
 turbulence, heat-transfer, and boundary layer, in conical nozzle with controlled inlet velocity profile, 7822, 17911
 see also Radio measurements—*also* subject of measurement.
 Measures, *see* Metric system—Weights and measures.
 Measuring instruments:
 acceleration-compensated pressure transducer has fast measuring response, 13788
 extensometer automatically measures elongation in elastomers, 12324
 Federal item identification guides for supply cataloging, supplements, 2933
 industrial plant equipment handbook, 10387
 microminiaturization, application of thin-film technology, USSR translations, 7630
 see also Electric measuring instruments.
 Measuring markets, guide to use of Federal and State statistical data, 9945
 Meat:
 agricultural commodity grader, examination announcement, amdt., 15627
 Canada's industry, 10551

Meat—Continued
 exports, expansion, potentials and problems, hearings, 17599
 foreign agriculture circulars, 2987
 home canning, 6748
 home cured, protecting from insects, 40
 how to use USDA grades in buying, 16936
 import prospects of European Economic Community, 8830
 importation of meats that have transited countries infested with foot-and-mouth disease or rinderpest, opinion of Attorney General, 9191
 industry, organization and competition, 15214, 16721-723, 17947-948
 inspection procedures manual, 7244
 inspection regulations of USDA, 1955, 16203
 institutional purchase specifications, approved by USDA—
 fresh pork, 7242
 portion-cut products, 4232
 livestock and meat situation, 3158
 market news—
 conference report, 1953
 weekly summary and statistics, 3159
 processing plants, chemical compounds authorized for use under USDA inspection programs, list, 16201
 production, United States by months, 9738
 products, census of manufactures, 1963, industry report, 6887
 purveyors, hotel and restaurant, improved methods and facilities for custom service houses, 12608
 Meat animals, *see* Livestock.
 Meat-chopping machines, power-driven grinders, injuries to young employees, 9200
 Meat Inspection Division, activities, 1965 summary, 4231
 Meeh, L. David, wolves of Isle Royale, 13880
 Mechanical and physical hazards series, 4702, 14965
 Mechanical engineering, Navy design manual, changes, 6707
 Mechanical engineers, employment outlook, 9236
 Mechanical equipment, *see* Machinery.
 Mechanical fans, current industrial reports, 2818, 12715
 Mechanical mobility:
 environmental study one-pass program, 5347
 measuring soil properties in vehicle mobility, evaluation of rectangular hyperbola for load deformation of soils, 4339
 performance of soils under tire loads—
 analysis of tests in sand, 10445
 tests in clay through Nov. 1962, 8865
 rice field characteristics, effect on ground mobility equipment, 5891
 Mechanical power transmission, *see* Power transmission.
 Mechanics, telemechanics, USSR studies, 6239
 Mechanics (persons):
 automobile—
 apprenticeship and training standards, 14201
 standards of apprenticeship, 11388
 supervisor, examination announcement, 9993
 automotive service specialists, training course guide, 634
 aviation structural mechanic—
 E 3 & 2, Navy training course, 6525
 S 3 & 2, Navy training course, 11147
 career information, your job as repairman or mechanic, 16542
 certificates, knowledge, experience and skill requirements, Federal aviation regulations, 10462, 11913, 14604, 16262
 construction mechanic 1 & C, Navy training course, 6529

Mechanics (persons)—Continued
 employment outlook—
 air conditioning and refrigeration mechanics, 10860
 appliance servicemen, 9208
 automatic bowling machine mechanics, 9215
 automobile mechanics, 9210
 automotive service advisors, 9210
 diesel mechanics, 9229
 elevator constructors, 9280
 industrial machinery repairmen, 9250
 optical laboratory mechanics, 9231
 truck and bus mechanics, 9210
 vending machine mechanics, 9287
 machinery repairman 3 & 2, Navy training course, 17976
 motor vehicle, training in fundamentals of engine tuneup, instructor's guide, 12453
 organizational mechanic / repairman courses—
 communications, teletypewriter set, 5362
 electronics, radar set, 5363
 special purpose equipment materials handling, 5364
 tactical and support vehicles truck, wrecker, medium, 5-ton, 6x6, M 543, Army pamphlet, 5361
Mechanics (science):
 analytical mechanics of shells, 1281
 see also Celestial mechanics.
Mechanism isolates load weighing cell during lifting of load, 6397
Mechanism of Boule flotation on water and other liquids, 16375
Mechanism of electrode demineralization, 6067
Mechanization:
 agriculture, scientific research, 10781
 engineering and administrative work, USSR study, 983
Mechanized documentation, see Documentation.
Medals:
 commemorative—
 Alaskan purchase centennial—
 law, 8469
 report, 7180
 American Numismatic Association Anniversary—
 law, 8477
 reports, 7182, 8572
 Ellis Island designation as part of Statue of Liberty National Monument, report, 17254
 land bank system, report, 11772
 Navy Civil Engineer Corps 100th anniversary, reports, 17322, 17549
 100th anniversary of Secret Service—
 law, 11578
 report, 11773
 1,000th anniversary of founding of Poland, report, 11783
 Scranton, Pa., 100th anniversary—
 law, 8476
 reports, 7181, 8571
 Seabees 25th anniversary, reports, 17322, 17549
 250th anniversary of founding of San Antonio, Tex.—
 law, 7046
 report, 8725
 merchant marine, U.S., 16551
Mediators, Federal Mediation and Conciliation Service, employment opportunities, 10478
Medical and dental support, 4743
Medical care:
 administration, research opportunities, 5118
 age patterns, United States, 12488
 aged, conditions of participation for home health agencies under health insurance program, 8023

Medical care—Continued
 aged persons—
 assistance under Kerr-Mills act, 5902
 health insurance, extend deadline for enrollment—
 law, 8460
 message from the President, 8500
 reports, 8605, 8728
 podiatrists' services, payment under supplementary program, report, 17335
 social security amendments of 1965—
 law, print additional copies, report, 13005
 Senate amendments, brief description, 1937
 summary, 7209
 State assistance under Social security act, 11905
 assistance under social security act, amend title 19, report, 17282
 facility projects approved for Federal aid under Hill-Burton program, register, 3041
 Federal grants, etc., to improve, directory, 4539
 guide for directors of child development centers, 4271
 health insurance under social security, your medicare handbook, etc., 11229, 12512, 16832
 hospital and medical benefits under medicare, 16830
 improve, Federal financial aid for development, guide, 10658
 in your community, 11193
 Interior Department temporary employees, payment of medical expenses, report, 5775
 medical assistance program, questions and answers, 17641
 medical self-help training, if disaster strikes and there is no doctor, 5109
 medical service—
 in Mediterranean and minor theaters, U.S. Army, World War II, 4753
 radiology technician, Air Force manual, 1617
 medical support, Fleet Marine Force manual, 4743
medicare—
 adapting group health insurance to, 10853
 brief explanation, 2561, 9656
 civil service annuitants, you are eligible, 5146
 employee-benefit health plans, 1st adjustments, 11230
 general information, 12511
 health benefits beginning July 1, 8025
 health benefits can help you, if you are about 65, 16831
 impact on Veterans' Administration medical system, 11688
 medicare and practicing physician (paper), 11194
 pharmacist speaks to customers about medicare, 5144
 reimbursement guidelines for hospitals, hearing, 11802
 review for physicians, 6607
 social security amendments of 1965—
 hospital manual for billing, 12508
 provider costs, reimbursement, 12507
 things to know, 6608
 what you need to know, 9659
 military medical benefits act of 1966—
 hearings, 8652, 13195
 reports, 7105, 8612, 16091
 motor vehicle accident injuries, 5130
 needs for services revealed by operation Medicare Alert, hearing, 17563

- Medical care—Continued
public assistance—
provided through vendor payments, tables, 7346
vendor payment by type of service, 5904, 14587, 17610
seamen, by Public Health Service, 5111
self-help training, promotional materials, list, 2532
services to rural population in United Arab Republic, organization, 7554
Soviet Antarctic expeditions, organization, USSR study, 6108
supplementary medical insurance, enrollment, 16829
Turkey, socialization of health services, 4607
USSR, regulations concerning medical services, armed forces, 960
veterans—
nursing home care programs, review, hearings, 11689
participation of VA in medical community planning, report, 10128
Philippine, extend—
hearings, 16195, 17397
law, 17111
reports, 15866, 15877, 16133
specialized medical resources, provide, hearing, 8787
Veterans Administration program, operations, 10270
Veterans Administration to improve quality of services provided veterans, hearing, 8787
veterans' views on care in VA hospitals, survey, 11690
see also Health insurance.
- Medical certificates:
airmen, physical standards, Federal aviation regulations, 2006, 8880, 14605, 17647
reviewing and acting on, FPM manual supplement, 2945
- Medical, Dental, Optometric and Podiatric Education, National Advisory Council on, see National Advisory Council on Medical, Dental, Optometric, and Podiatric Education.
- Medical Department, Army:
radiology in World War II, 16969
technical services, U.S. Army in World War II, 4753
- Medical Department, Navy:
ensign medical program, 13658
manual, 2314, 4750, 9354, 10906, 12232, 14989-990
- Medical education, see Medicine.
- Medical examinations, see Physical examinations.
- Medical examiners, aviation, directory, 9939
- Medical facilities, see Hospitals.
- Medical industry:
USSR—
enterprises, administrative changes anticipated, 6123
present conditions, 6141
Medical industry (USSR periodical):
tasks in light of decisions at Sept. plenum, CC CPSU, 6137
translations, 10749, 10757, 10760, 12186, 14889
Medical insurance, see Health Insurance.
- Medical installations, see Veterans hospitals.
- Medical instruments and apparatus:
Czechoslovak medical equipment, exhibition in Moscow, 4642
Federal item identification guides for supply cataloging, supplements, 2937
Soviet medical equipment, 4626
- Medical Insurance Trust Fund, Federal Supplementary, see Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.
- Medical journals, index medicus, cumulated, 12394
- Medical libraries, see Libraries.
- Medical literature, translations, bibliography (periodical), 2705
- Medical Nutrition Laboratory, see Army Medical Research and Nutrition Laboratory.
- Medical officers, examination announcement, amdt., 292
- Medical practice, see Medicine.
- Medical radiology:
AEC licensing guide, preparations for medical use of radioisotopes, 6849
medical, Soviet research, 14931
personnel, training within framework of institutes for advanced training of physicians, USSR study, 9144
- Medical record librarians:
employment outlook, 9252
training by Public Health Service, 7998
- Medical records:
fees for abstracts furnished by PHS to private parties, GAO report, 14727
library science training by Public Health Service, 7998
- Medical research, see Medicine.
- Medical Research and Development Command, Army, scientific information activities, 11137
- Medical schools:
grants for program improvement and scholarship, law, summary, 4534
scientific activity of practicing physicians in medical higher educational institutes, USSR study, 14793
training of physicians in higher institutions of RSFSR, USSR study, 7615
Veterans Administration to contract for scarce medical specialist services, report, 10126
- Medical service, see Medical care.
- Medical Service Corps, Army:
grade of Brigadier General, authorize—
law, 15770
report, 12992, 17493
- Medical Specialist Corps, Army:
male persons, authorize Regular Army commissions—
law, 15776
reports, 12991, 17494
- Medical specialists:
characteristics of patients, 9632
commissioning of male persons in Regular Army and Regular Air Force—
law, 15776
reports, 12991, 17494
- Medical supplies:
administrative aspects of hospital central medical supply services, 15282
civil defense stockpile managed by PHS, achieving greater utilization, GAO report, 6001
excess equipment and supplies, greater utilization by VA, GAO report, 9003
Federal item identification guides for supply cataloging, supplements, 2937
hospital central services, 1424
- Medical technicians, see X-ray technicians.
- Medical technologists:
employment outlook, 9253
examination announcement, 6976
grants for training program improvement—
hearings, 10249, 17591
reports, 10225, 15841, 17535
- Medical zoology, see Zoology.
- Medicare, see Medical care.
- Medicine:
Academy of Medical Sciences, USSR, 1965 elections, 6184
Academy of Sciences, Hungary Research Institute of Experimental Medicine, 10764
aeromedical assessment of human systolic and diastolic blood pressure without direct arterial pressure, 15558

Medicine—Continued

aeromedical certification problems, cardiovascular responses to exercise following myocardial infarction, 16982
aeromedical reviews, 91-92, 5325-26, 6809, 14188-189
aerospace—
all-Union conference, USSR, 14945
bibliography, 1201-2, 4836-37, 6361, 7757, 10890, 10983, 12288-289, 15090, 16622
cumulative indexes, 10889, 10982
considerations in manrating space environment simulators, 15481
how you can help solve problems, 5316
problems, USSR studies, 17788
antileukemic preparations, trends in research, USSR study, 6243
arctic biology and medicine symposia, proceedings, 14185
associate training programs in medical and biological sciences, 5024
Atomic Energy Commission authorizing legislation, 1967, hearings, 8482
Atomic Energy Commission research and development in progress, 9924
aviation, cardiac patients, physical-conditioning program, 16983
aviation medical report AM series, 172, 6874, 8207-8, 9936-38, 11446-448, 12688, 14243, 15553-559, 16982-984
aviation medicine reports, annotated catalog, 15553
aviation medicine translations, annotated bibliography, 12688
bibliographies—
medical reviews, 7934
medical translations, 7935, 15219
biomedical institutions in USSR, directory, notice, 2464
biomedical research papers, 1964-65, National Institute of General Medical Sciences, 5032
chemistry and medicine, USSR study, 941
clinical—
cybernetics, USSR book, 2218
neurohumoral regulation, USSR study, 7570
Soviet studies, 12177
clinical (USSR periodical), translations, 10822, 12168, 12170, 12175, 14827
cybernetic methods, automatic diagnosing of diseases, Czechoslovak achievements, 4681
cybernetics, USSR studies, 884
education of health service personnel, clarify responsibility of VA—
hearing, 8787
reports, 5651, 17540
experimental and clinical, trace elements, USSR studies, 16396
film reference guide, 13963
future international meetings, world list, 3716
group practice facilities, financial assistance for constructing and equipping—
hearings, 8659
reports, 13188, 14388, 15897, 17202, 17241, 17336
summary of House bills, 8664, 13023
history, bibliography, 17955
Hungarian—
1945-65, summary report, 10762
scientific qualifications asked by professional committees, study, 9114
index medicus, 3050
cumulated, 12394
journals indexed, list, 9564
insecticides in medical practice, USSR studies, 16418
mathematical models, USSR study, 2199
medical news letter, Medicine and Surgery Bureau, 3187
medical organization and administration, USSR study, 16469

Medicine—Continued

medical practice, survey for rehabilitation counselor, 12554
medical problems of weightlessness, 8220
medical rehabilitation—
Public Health Service, new program, 15287
report of National Advisory Community Health Committee to Surgeon General, 18061
medical research—
aging, better management needed, report, 15929
uses of isotopes, 5427
Veterans Administration—
1965 annual report, 5209
1965 highlights, 6686
synopsis of 1965 program, 15413
medical subject headings, 3050
cumulated, 12394
medical symbolism in books of Renaissance and Baroque, 12395
medical training problems in Hungary, 10763
modern—
methodological problems, USSR study, 6182
technical advances, USSR study, 10733
Navy—
ensign medical program, 13658
preventive medicine manual, 14997, 17830
statistics, quarterly, 3540
notes for medical catalogers (periodical), 3277
philosophical problems, USSR studies, 9108
preventive medicine, residency program for Indians, 6574
problems of causation, USSR study, 4609
proteins in medicine and national economy, USSR study, 905
radioisotopes, 15550
selected literature search, 159
research, long-term, on aging of aviation personnel, GAO review, 8996
resources for medical research, reports, 5035, 11112, 13992
Rumania, medical sciences, 10739
School of Aerospace Medicine, technical reports, 93-100, 1621-27, 5327-36, 6810-16, 8202-20, 9863-77, 11378-384, 12628-646, 14190-196, 15489-495
senior citizens and medical quackery, 8946
simulation, USSR study, 16475
space—
biological laboratory in orbit, USSR study, 6233
problems—
immunology, USSR study, 4647
weightlessness, USSR study, 4680
Soviet and international conferences, papers, 946
Space Medicine Advisory Group, orbiting research laboratory, medical aspects, study, 15079
statistics, methodological problems, USSR study, 12152
symposium on medical aspects of stress in military climate, Apr. 22-24, 1964, 141
television in medical teaching and research, survey and bibliography, 4319
training medical personnel in RSFSR, 7551
treatment procedures, etc., in which VA Medicine and Surgery Dept. pioneered, 10272
use of insecticides in medical practice, USSR studies, 12188
USSR—
Academy of Medical Sciences, vestnik (periodical), 3682
cybernetic technology, 6197
1st medico-biological faculty, 2151
Ivanovo Medical Institute to publicize innovations, 16493
medical chemistry studies, 9073

- Medicine—Continued
 USSR—Continued
 plans, 4620
 study, 2266
 technical progress, 2155
 Veterans Administration medical training, statistics, 10271
 Voskhod-2 space walk, medical conclusions, USSR study, 9076
 X-ray shielding, guidance for design, 16962
see also Drugs—Veterinary medicine.
- Medicine and Surgery Department, Veterans Administration:
 defense of malpractice suits, law, 413
 functions, clarify, hearing, 8787
 opportunities for physicians, 16894
 treatment procedures and techniques in which it pioneered, 10272
- Medicine Creek, drainage basin, erosion and deposition, 17717
- Medicine Lake National Wildlife Refuge, birds, list, 16306
- Medicine men:
 Shoshone tribe, Thermoplis, Wyo., colored poster with—
 French text, 15410
 Spanish text, 15409
- Medicines, *see* Drugs—Veterinary medicine.
- Mediterranean Sea:
 contributions to hydrology of Africa and Mediterranean area (series), 16362
 lights and fog signals, list, changes, 5056, 7958, 13897
 notice to mariners, 3279
 radio navigational aids, changes, 2484, 11146, 15238
 radio weather aids, 2485, 12409
 sailing directions, changes, 15234-235
 tide tables, 12765
 U.S. Army in World War II, technical medical services in Mediterranean and minor theaters, 4753
- Meditsinskaya promyshlennost (periodical):
 tasks in light of decisions at Sept. plenum, CC CPSU, 6137
 translation, 12186
- Meehan, Eugene J., introductory science, 5842
- Meehan, William R.:
 effects of toxaphene on fishes and bottom fauna of Big Kitoi Creek, Afognak Island, Alaska, 11977
 growth and survival of sockeye salmon introduced into Ruth Lake after removal of resident fish populations, 17678
- Meeker, Leonard C., legality of U.S. participation in defense of Viet-Nam, 8059
- Meetings, *see* Conferences, congresses, etc.
- Meeves, Henry C.:
 mineral industry of Wyoming, 1152
 nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029
 reconnaissance of beryllium-bearing pegmatite deposits in 6 Western States, 13682
- Meggers, Betty J., early formative period of coastal Ecuador, Valdivia and Machalilla phases, 6499
- Mehren, George L.:
 addresses—
 Sept. 17, 1965, 37
 Nov. 16, 1965, 3754
 Nov. 28, 1965, 3748
 Apr. 5, 1966, 9816
 Apr. 21, 1966, 9842
- Meier, Lewis, combined optimum control and estimation theory, 9401
- Meintel, Alfred J., jr., manual control of high-altitude Apollo launch abort, 11060
- Mekong Development Committee, establishment (remarks), 14052
- Mellor, Malcolm:
 explosions and snow, 1639
- Mellor, Malcolm—Continued
 light scattering and particle aggregation in snowstorms, 9889
 optical measurement on snow, 116
 strength studies of snow, 8237
- Melons:
 Mexican production, survey, 13354
 spring, acreage marketing guides, 589
 summer, acreage marketing guides, 5827
- Melshimer, Edwin S., drop structure, Cayuga Inlet, Cayuga Lake, N.Y., 5888
- Melstrads, Ilona, research opportunities in community health services and medical care administration, 5118
- Melting:
 effect on forced convective heat transfer, 6831
 electron-beam-melted tungsten compared with arc-melted, mechanical properties, etc., 4966
 electron units, design, USSR study, 981
 ice, thermal instability, as modified Stefan problem, analysis, 9888
 metals, electron-beam, USSR studies, 6121
 sea ice, heat, 16956
- Melville, G. S., jr., effects of mixed ionizing radiations on Rhesus primates exposed under laboratory conditions, 12636
- Member banks, *see* Federal reserve member banks.
- Membranes:
 acidic lipids, ionic, surface and properties, studies, 10671
 biologic, solute and water transport across, 14774
 inorganic ion-exchange, application to electro dialysis, 7512
 ion exchange, transport properties, investigations, 4553, 17738
 ion-selective—
 for desalting water, development, 16376
 polyelectrolyte complexes, 6064
 microbial, transport of ions across, research, 4554
 nonlinear solutions for deep membranes of revolution, 7835
 phenomena, correlation of structure with functional properties, 10678
 reverse osmosis—
 modules, research and development, 4556
 new polymer systems, research and development, 4558
 structure and properties, 2114
 technology, saline water desalination, bibliography, 6066
 transport of electrolytes through membrane systems, 16372
 ultrathin reverse osmosis, fabrication and evaluation, 9039
- Memorandums, *see* names of departments, etc., issuing memorandums.
- Memorial services:
 Bonner, Herbert C., 17065
 Brown, Clarence J., 7018
 Johnston, Olin DeWitt T., 365
 Roosevelt, Anna Eleanor, 7052
 Thompson, Theo Ashton, 4033
- Memorials, *see* National monuments and memorials—*also* names of persons to whom memorials are erected.
- Memory:
 biological and machine memory, USSR studies, 10747
 center in brain, USSR study, 4640
 immediate retrieval of verbal series as function of stimulus grouping, 3785, 9861
 indirect paired associates learning, effectiveness, etc., 7972
 molecular basis, USSR study, 947
 simulating certain properties, USSR study, 2172

Memory devices:

addressing method using concise word codes as memory addresses, USSR study, 878

ferrite, laminated, 9393

lexical unit for electronic digital computer, USSR study, 885

see also Magnetic memory.

Memphis, Tenn.:

area wage survey, metropolitan area, 9322

principal electric facilities, map, 7380

Men:

and women workers in the economy, relative position, fact sheet, 6697

nonwhite, educational attainment, 1553

rural male residents' participation in outdoor recreation, 4455

Mena, Cesar A., relief, 8700

Mendeleyev congress, USSR, 934

Mendeleyev convention, USSR, 979

Mendes, Richard H. P., bibliography on community organizations, 1396

Mending, *see* Repairing.

Mendoza, Jose A. G., relief, 15820, 17443

Menhaden:

Atlantic Coast catch, age and size composition, etc., 5965

fishery, 1873-1964, 742

Menis, Oscar:

quantitative separations, 5012

standard reference materials, oxygen determination in ferrous materials, 16714

Menominee County, Wis.:

grants and other Federal aid, authorize—

hearings, 11824

law, 17140

reports, 15894, 17498

Menominee Enterprises, Inc., Federal loan,

authorize, hearings, 11824

Menopause, age, 1960-62 survey, United States, 18080**Men's clothing, *see* Clothing.****Mensurational characteristics of eastern white pine, 4468****Mental health:**

Appalachia, problems and prospects in central highlands, report, 5028

career development program, conference proceedings, 15295

children, National Institute of Mental Health program, 7930

community general hospital as resource, annotated bibliography, 13986

community, individual adjustment or social planning, symposium, 16791

community mental health centers act, aspects (address), 16790

community services in northern Europe, 5025

facilities—

1964 list, 13974

publications, bibliography, 5108

mental health manpower, current statistical and activities reports, 1308, 11105, 12476

nurses, psychiatric-mental health trainee stipends, 11110

nursing—

career opportunity, Public Health Service, 9558

institutions offering trainee stipends for graduate and undergraduate education, 11113

occupational, emerging art, 12479

professional personnel employed in States, 11105

project grants—

completed, 6482

current, 6483

research grant awards, Public Health Service—

1964, funds, 11106

1965, funds, 15288

research grant program, 1964, descriptive data sourcebook, 11111

Mental health—Continued

social work, 1966-67 trainee stipends, 11107

State authorities, proceedings, 5114

State salary ranges of positions, 836, 10657

statistics, current reports, 5029, 6484

training grant awards, Public Health Service, 1965 funds, 2458

training grants program—

general information, 9561

statistical sourcebook, 2459

Mental hospitals, *see* Mental institutions.

Mental illness:

family therapy, annotated bibliography, 7929

treatment, past and present, 1309

Mental institutions:

community mental health services in northern Europe, 5025

hospital improvement projects, National Institute of Mental Health program, 11104

mental health facilities, 1964 list, 13974

mental hospitals, patients, Apr.-June 1963, statistics, 5122

provisional patient movement and administrative data, public institutions for mentally retarded, 1965, United States, 6484

psychologists employed, 1963, selected characteristics, 1308

State and county mental hospitals—

patients, 1964, 13982

provisional patient movement and administrative data, 5029

see also Hospitals.

Mental retardation:

abstracts (periodical), 3191

conference Hill-Burton and mental retardation construction authorities with Surgeon General, 1965, proceedings, 15283

facilities and community centers construction act, text, 13049

financial assistance programs of HEW, 7495

grants, awarded by Health, Education and Welfare Dept., lists, 2108, 17732

Health, Education, and Welfare Department, activities, 7496

mental retardation report (periodical), 3192

1965 legislation, 835

rare inborn errors of metabolism in children, 8374

recreation and mental retardation, 18071

research centers, construction, Public Health Service grants and awards, 6491

Mental telepathy, *see* Mind reading.

Mental tests, hypoxia and performance decrement, 15537

Mentally ill:

community mental health centers act, aspects (address), 16790

employment of former mental patients, 7

programs that work, 4711

family care treatment, bibliography, 12551

halfway house, sociocultural and clinical study of Rutland Corner House, transitional aftercare residence for female psychiatric patients, 1529

hospitalized mental patients and outcome of hospitalization, relationship between social and demographic characteristics, 2460

mental hospitals, Apr.-June 1963, statistics, 5122

mentally restored, manpower resource for Federal government, 6485

psychiatric guardianship problems, USSR study, 2167

psychiatric patients, admittance to general hospital, survey, 15303

Mentally ill—Continued
 social readjustment of mental patients, studies, 16404
 State and county mental hospitals, patients, 13982
 your job and psychiatric patient, 5211
 Mentally retarded:
 bibliography of world literature on mental retardation, supp., 6493
 care and rehabilitation, occupations, 14569
 children—
 military medical benefits act of 1966—
 hearings, 13195
 reports, 7105, 8612, 16091
 research projects, list, 8375
 social security benefits, 15329
 community facilities construction grants, 12462
 education and training, living units, etc., design of facilities, 16800
 facilities for, hospital and medical facilities series, 16800
 facilities, publications, bibliography, 5108
 financial assistance for physical education, etc.—
 hearing, 17386
 report, 16161
 health services, training for, 279
 phenylketonuria, inherited metabolic disorder, 6941
 public and private institutions, 1964 list, 13974
 public institutions, provisional patient movement and administrative data, 6484
 university-affiliated facilities, construction grants, 7992
 university facilities, construction, Public Health Service grants and awards, 6491
 vision and hearing screening classes, Detroit, Mich., 14283
 Menus:
 money-saving main dishes, 11352
 planning guide for type A school lunches, 9829
 Menzie, Calvin M., metabolism of pesticides, 16314
 Merchandise, *see* Commercial products.
 Merchandising:
 automatic, bibliography, 16822
 retail, bibliography, 12504
 Merchant marine:
 act of 1920, amend, hearing, 10335
 act of 1936, amend—
 hearings, 10256, 11796, 14431, 15984
 law, 15759
 reports, 10318, 14402, 15873-874
 subcommittee report, 1935
 act of 1936, and related acts, as amended through 89th Congress, 1st session, compilation, 7156
 act of 1966—
 amendments, report, 14457
 hearings, 17575
 proposed draft, 4216
 activities behind Iron Curtain, report of U.S. congressional delegation, report, 12988
 American—
 critical times for (remarks), 702
 facing up to our problems (remarks), 1102
 healthy development (remarks), 17654
 workhorse of our commerce and national defense (remarks), 10900
 changes in ownership, etc., of vessels, monthly report, 3221
 development, with unity of purpose vital (statement), 16549
 expansion, proposals and recommendations (remarks), 1103
 in national defense and trade, policy and program, 4003
 leader in transportation system (remarks), 10905
 maritime manpower shortage, hearings, 17389

Merchant marine—Continued
 maritime matters—
 liability during private operation of N.S. Savannah, agreement with—
 Italy, 9729
 Netherlands, 11261
 NS Savannah, executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
 maritime policy and program of United States, report, Maritime Advisory Committee, 17829
 maritime safety digest (periodicals)—
 longshoring, 3181
 shipyards, 3182
 medals and decorations, 16551
 modern and efficient (remarks), 9352
 modern ships need (address), 4745
 ocean-borne commerce, research and development (remarks), 358
 serving needs of country (remarks), 10903
 trends in changing maritime technology (remarks), 10904
 U.S.-flag foreign trade fleet, impact of Government-generated cargo, 454
 United States, how it serves the Nation, 10899
 Western Hemisphere nations, assistance to maritime industries, 10898
see also Ships.
 Merchant Marine and Fisheries Committee, House:
 activities, 89th Congress, 1st session, 5701
 calendar, 3122
 committee prints, 5701, 7156, 10257
 hearings, 1863, 5700, 7155, 8674, 10253-256, 11672, 13053, 14431-433, 15984, 17389-390
 investigations and studies, expenses, report, 5647
 reports, 488, 1818, 5675, 8613, 10146, 10159, 11621, 12904, 12911, 12988, 15803, 15873, 15931, 15935, 15939, 15941, 17178, 17272, 17293, 17313-314
 Merchant Marine Council, proceedings, 3419
 Merchant ships, *see* Ships.
 Merchant vessels, *see* Ships.
 Merchants, credit in agriculture, data from 1960 sample survey, 8923
see also Retail trade.
 Mercureted phosphonium and arsonium salts, USSR, 16415
 Mercury:
 calibration of rotating piston deadweight gage by means of mercury column, 15025
 cells, supply power to high-intensity flashing beacon, 1236
 high concentrations in Guilmette Formation and Simonson Dolomite of Devonian age in Pequot Mountains and Wood Hills, Nev., 16355
 ion beams, pumping by liquid-nitrogen-cooled condensers, 4965
 mineral industry survey, quarterly, 3193
 minerals yearbook chapter, 16562
 nonwetting, condensation pressure drop in uniformly tapered tube in 1-g and zero-gravity environments, 4923, 15134
 pumping, use of rotating magnetic poles, 17901
 vapor—
 all-metal superhigh vacuum unit, USSR study, 1060
 in constant-diameter tube in 1-g and zero-gravity environments, pressure-drop investigation of nonwetting, condensing flow, errata, 15133
 in heated-cathode discharge tube, flow of directed beam of high-speed electrons, investigation, 4990
 wetting and nonwetting, condensing in uniformly tapered tubes, pressure drop investigation, 4974

- Mercury Project, *see* Project Mercury (man-in-space program).
 Mergers, *see* Business consolidations.
 Meriden, Conn., commodity transportation survey, production area series, 8340
 Merit systems:
 State—
 directory, 7494
 extend to additional program financed by Federal funds, hearings, 17581
 Merkle, Emery J., use of carbon dioxide to calibrate instruments for determination of carbon below 50 parts per million in metals, 7868
 Merrill, Annabel L., nutritive values of home-prepared foods, 9781
 Merritt, James H., pharmacology and toxicology of propellant fuels, boron hydrides, 14188
 Merten, Ulrich:
 reverse osmosis for water desalination, 17739
 reverse osmosis membrane modules, 4556
 Mesa Verde National Park, general information, 11129
 Mescalero Reservation:
 Apache Tribe, convey lands held in trust to—
 law, 11534
 reports, 5657, 10310
 Mesnier, Glennon N., selected techniques in water resources, investigations, 12032
 Mesometeorology, USSR, 2183
 Mesosphere:
 mesometeorology, USSR study, 2183
 temperature pressure, density, and wind measurements, 13848
 Mesothorium, isotope concentration in Black Sea, USSR study, 1068
 Mesozoa, index-catalogue, 8134
 Mesozoic era:
 rock formation in Baboquivari Mountains, Papago Indian Reservation, Ariz., 2090
 rocks of northern Alaska, micropaleontology, 12017
 Messes:
 ashore, Navy manual, change, 15247
 open mess management handbook, AMC pamphlet, 14208
 Metabolic diseases, phenylketonuria, inherited disorder associated with mental retardation, 6941
 Metabolism:
 amphetamine, altitude effect, 9876
 effects of endotoxin, 5312
 energy cost of cross-country travel in Arctic, 3783
 lipid, and atherosclerosis, USSR study, 7567
 pesticides, 16314
 phospholipid, USSR study, 6125
 rare inborn errors in children with mental retardation, 8374
 responses to cold exposure at night, 77
 Metal bars, *see* Bars (metal, etc.).
 Metal coating, services, census of manufactures, 1963, industry statistics, 6908
 Metal cutting:
 hollow needle used to cut metal honeycomb structures, 11036
 vibrator improves spark erosion cutting process, 13768
 Metal finishing:
 equipment, industrial plant handbook, 8803
 equipment, market in United Kingdom, 177
 Metal mines and mining:
 Federal metal and nonmetallic mine safety act—
 hearings, 8786
 law, 15750
 reports, 1840, 1843, 16072
 services, census of mineral industries, 1963, industry statistics, 14261
 Metal oxides:
 dehydrated surfaces, adsorption of n-octadecylamine, etc., from nonaqueous surfaces, 6540
 silicon transistors, protected from damage by wire device, 16639
 Metal powders, *see* Powders.
 Metal shapes, *see* Shapes (metal).
 Metal sheeting, *see* Sheet metal.
 Metal stamping, census of manufactures, 1963, industry statistics, 6908
 Metal-working machinery, *see* Metalworking machinery.
 Metalizing, *see* Metal coating.
 Metallic soap, *see* Soap.
 Metallic surfaces, *see* Surfaces.
 Metallides and reactions among them, USSR, 7576
 Metallography:
 automatic metallographic analysis, use of overlay copy technique to provide high-contrast electron micrographs for, 17921
 dispersion-strengthened alloys after failure in stress rupture, study, 13831
 effect of alloying on grain refinement of electron-beam-melted tungsten, 13835
 group meeting, technical papers, 147-149
 Metallurgical engineers, employment outlook, 9236
 Metallurgists, examination announcement, 14302
 Metallurgy:
 Atomic Energy Commission basic research, summaries, 5403
 automatic control and mathematical analog in, USSR study, 1008
 beryllium, physical, conference, 6851
 career opportunities, examination announcement, 5519
 Communist Chinese abstracts, 2774
 East European abstracts, 2871
 high energy-rate forging and extrusion, effect on structure, etc., 9378
 ferrous, USSR industrial development, translations, 3663
 metallurgical characteristics of high strength structural materials, 5076, 16769
 Mines Bureau, Albany Metallurgy Research Center, quarterly progress reports, 1685, 6866, 11439
 nonferrous USSR industrial development, translations, 3665
 physical, titanium, 1283
 powder, cold consolidation of metal-oxide blends for examination by electron microscopy, 12368
 Soviet conferences, 4684, 10735
 Soviet metallurgical institute criticized for poor management, 17766
 Soviet studies, 6177
 technology review, minerals yearbook chapters, 10932, 13699
 USSR abstracts, 3676
 USSR studies, 12131
 see also names of metals.
 Metals:
 atomic absorption methods of water analysis, 17726
 bimetals production, USSR studies, 7583
 chemical reactions of carbides, nitrides, and diborides of titanium and zirconium and chemical bonding, 13836
 Communist Chinese abstracts, 2774
 compounds, extraction from pyrazoline, dithiocarbamates, 9546
 consumption and stocks at brass and wire mills, mineral industry survey, monthly, 2710
 corrosion of metal samples rapidly measured, 7794
 cosmic age, USSR study, 17756
 determination of carbon below 50 parts per million, use of carbon dioxide to calibrate instruments, 7868
 diffusion coatings, USSR study, 4644

Metals—Continued

duplex refractory metal thermionic emitters, diffusion and electron emission properties, 15044
 East European abstracts, 2871
 electric pulse machining, USSR study, 16477
 electron-beam melting, USSR studies, 6121
 fabricated products, census of manufactures, 1963—
 industry report, 6909
 manufacturing plants, location, 11456
 fabricated structural products, census of manufactures, industry report, 3900
 fiber-metal composite materials, 13834
 friction characteristics of aluminum oxide in contact with various metals in vacuum, 15185
 graphite-metal carbide composites, 12267
 high-strength, electrical discharge machining, USSR studies, 14832
industries—
 miscellaneous primary, census of manufactures, 1963, industry report, 6906
 review, minerals yearbook chapter, 1170
 technologic trends, minerals yearbook chapter, 1171
 internal friction, USSR study, 16492
 liquid, accelerated cavitation damage of steels and superalloys, 9539
 liquid-metal flow, characteristics of heat transfer in round tube or flat duct with heat sources in fluid stream, 12353
 liquid uranium, metal, and carbon systems, vaporization, 15076
 lithium corrosion, USSR studies, 16426
 metallic materials and elements for flight vehicle structures, change, 615
 minerals yearbook, 1964—
 departmental edition, 4783
 document edition, 4046
 minor, minerals yearbook chapter, 15018
 miscellaneous fabricated products, commodity transportation survey, shipper series, 218
 nonferrous metal mill and foundry products, census of manufactures, 1963, industry statistics, 6905
 nonferrous, smelting and refining, census of manufactures, industry report, 5446
 optical techniques for electron probe analysis, 2497
 primary industries, census of manufactures, 1963, manufacturing plants, location, 11456
 refractory, brazing method produces solid-solution bond, 2389
 rolling, USSR technology, 14946
 simple, nondestructive test identifies metal, 13741
 stress cracking, eliminated with new brazing alloy, 2401
 superconductivity, USSR studies, 7588
 surfaces, photoelectric scanner makes detailed work function maps, 17904
 USSR abstracts, 3676
see also Fracture of metals—*also* names of articles manufactured from metal—*also* names of metals.
Metalwork, enterprises, new instructions for calculating production cost, 1014
Metalworking machinery:
 and equipment, census of manufactures, 1963, industry report, 6910
 current industrial reports, 2818, 12719
 equipment, Mexico, foreign market survey, 9942
 Federal item identification guides for supply cataloging, supplements, 2933
 industrial plant equipment handbook, 8797
 production equipment directory, supplement, 8797
 Spain, foreign market survey, 178
 USSR industrial development, translations, 3664

Metastable atoms, *see* Atoms.
Metastable Leidenfrost states, 7824
 Metcalf, Z. P., general catalogue of Homoptera, 9792, 12587, 16917
Meteor dust, *see* Cosmic dust.
Meteorites:
 analytical techniques for hydrocarbons, 13712
 fine meteoric bodies, peculiarities in motion, USSR study, 2251
 Orgueil, surface conditions of parent body as indicated by mineral associations, 14016
 terrestrial impact structures, bibliography, 16356
Meteoroid bumpers, *see* Bumpers.
Meteoroids, *see* Meteors.
Meteorological apparatus and instruments, *see* Ionosondes.
Meteorological observers, cooperative weather observer, 5226
Meteorological organizations, *see* World Meteorological Organization.
Meteorological satellites, *see* Satellites.
Meteorologists:
 employment outlook, 9233
 examination announcement, 14299
Meteorologiya i gidrologiya (periodical):
 translations, 2159, 7560, 9110
Meteorology:
 aerometeorological research in Antarctica during 1964, USSR study, 982
 American Meteorological Society abstracts, 13892
 Army aviation applicable, technical manual, 11404
 atmospheric transport and dispersion over southern California, 5229
 automatic recording and transmission installation for meteorological data, East German study, 1039
 Eastern Europe, current developments, translation, 13463
 ESSA 1 television cloud photography, catalogue, 14580
 high-level mesovortex, characteristics, USSR study, 14875
 manned spacecraft, observations, USSR study, 16409
 mesometeorology, USSR study, 2183
 meteorological studies in European Soviet bloc countries, 2189
 Nimbus high resolution infrared (HRIR) data, meteorological interpretation, 6328
 probable maximum flood on Yukon River above Rampart, Alaska, 15420
 publications, price list, 13951
 radio meteorology, NBS monograph, 7917
 radiosonde systems, interagency value engineering task force study, 5853
 recent developments, USSR study, 993, 6201
 records documentation, 1535, 4346, 5226, 5900, 8867, 11902, 14579-580
satellites—
 APT users guide, 1994, 7341
 interpretation and use of cloud data, USSR study, 2197
 Nimbus 1 observations, 2372
 1958-64, significant achievements, 7754
 TIROS VII television cloud photography, catalogue, 1535, 8867
 TIROS VIII television cloud photography, catalogue, 5900, 14579
 TIROS IX television cloud photography, catalogue, 11902
 USSR study, 6106
 Soviet bloc countries, 1965 meeting, lectures, tours, 9071
 Soviet literature, recent, 14870
 Soviet news, 14871
 Soviet studies, 2208
 specialists, Moscow State University, training, 894

- Meteorology**—Continued
 surface observations, manual, 8112
 synoptic code (WBAN), standards and procedures for coding synoptic reports, manual, 5228
 transparency of free atmosphere and certain meteorologic characteristics, relationship, USSR study, 958
 USSR studies, 4671, 10789, 10797
see also Hydrometeorology.
- Meteorology and hydrology** (USSR periodical):
 translations, 2159, 7560, 9110
- Meteors**:
 ablation, boundary shock wave occurrence, 4941
 low-density iron artificial meteoroid, photographic observations, 11055
 meteor matter, USSR study, 914
 meteoric matter in interplanetary space, 1285
 meteoroid bumpers on spacecraft, spray velocity, resulting from high-velocity penetration of thin plates by disks, 16682
 meteoroid environment and its effects on materials and equipment, 4834
 meteoroid impact craters in ablative heat-shield materials, determination of temperature and material effects, 16689
 meteoroid penetration, Pegasus satellite measurements, 4892
 micrometeoroid detection, impact-light flash at high velocities, 7738
 peak pressures in thick targets generated by reduced density projectiles, 16615
 simulating meteoroid environment, accelerating particles in shock-tube flows, 4934
 theoretical relationships for meteoroid puncture experiments, 6431
- Meters**:
 current, effect of vertical motion, 17731
 postage, use in postal service, hearing, 5705
 Roberts radio current, manual, 6981
see also names and types of meters, or substances, etc., measured.
- Methanes**:
 adsorption rates on Pocahontas and Pittsburgh seam coals, 9373
 and coal dust mixtures, equivalences at lower quenching of limits of flames, 9381
 portable methane detectors, effects of gases in mine atmospheres, 9361
 potential of liquid-methane fuel for Mach 3 commercial supersonic transports, 12352
 products burned in oxygen-enriched air, thermodynamic, transport, and flow properties, 17891
 reaction of oxygen atoms, mass-spectrometric investigation, 7883
 synthesis of (BB-dicyanovinyl)pyrroles and dipyrromethanes, USSR study, 957
- Methanol**, beta radiation-induced telomerization with ethylene, 8290
- Methicillin**, administration to monkeys, USSR study, 10753
- Methodology**:
 factoring to fit off diagonals, 9914
 health and medical statistics problems, USSR study, 12152
 probabilistic, for safety analysis of nuclear power reactors, 12684
see also subjects.
- Methods and instrumentation** sources of gamma-radiation in biological experiment, USSR, 918
- Methyl chloroform**, *see* Trichloroethane.
- Methylpyrroles**, *see* Pyrroles.
- Metric system**:
 practicability of adoption in U.S., Secretary of Commerce to conduct investigation—
 hearings, 5707
 report, 5664
- Metrology**, *see* Gages.
- Metropolitan areas**, *see* Cities and towns.
- Metropolitan Water District of southern California**:
 nuclear power-desalting project in cooperation with AEC, authorize—
 hearing, 17150
 report, 17497
- Metzman, Ira S.**, union wages and hours: local-transit operating employees, 9333
- Mexico**:
 air transport services, agreement, 5167
 broadcasting agreement, amend, protocol, 13075
 report, 13089
 Chamizal boundary, border highway, construct—
 hearing, 13057
 report, 14390
 desalting agreement, 2582
 foreign trade regulations, 15650
 health information for travel in, 11184
 Lower Rio Grande salinity problem, solution—
 law, 15755
 reports, 12961, 15876, 16102
 market for U.S. products, international commerce, supplement, 12060
 metalworking equipment, foreign market survey, 9942
 mineral industry, minerals yearbook chapter, 7698
 plant quarantine import requirements, 11341
 screw-worm eradication, amend act of Feb. 28, 1947—
 hearing, 16169
 law, 15711
 reports, 10172, 13133
 Tijuana River flood control project, joint construction agreement, authorize—
 hearings, 11656
 law, 17132
 reports, 5778, 12962, 15898
 vegetable and melon production, survey, 13354
 weather stations, cooperative meteorological program, agreement, 12530
- Mexico, Gulf of**:
 bait, shrimp industry, 13344
 coast pilot, supplement, 6985
 current measurements with EMIT in Gulf Stream region, USSR study, 14800
 lower basins, surface water quality, 16364
see also Gulf States.
- Mexico-United States Interparliamentary Group**:
 5th conference, House delegation, report, 1859
 6th conference, House delegation report, 11654
 6th meeting, Senate delegation report, 10344
- Meyer, Fred P.**:
 parasites of catfishes, 14652
 protozoa, Ichthyophthirius multifiliis, 11968
- Meyer, George**, use of Euler's theorem on rotations for synthesis of attitude control systems, 16696
- Meyer, Gerald**, regional trends in water-well drilling in United States, 14750
- Meyers, Robert J.**, comparison of actual experience under OASDI system with short-range cost estimates, 11226
- Meyers, Trienah**:
 addresses, etc.—
 Sept. 7, 1965, 1610
 Oct. 26, 1965, 1611

- Meyers, Trienah—Continued
addresses, etc.—continued
Oct. 30, 1965, 1585
Nov. 18, 1965, 3749
Feb. 16, 1966, 6741
- MIIB series, 5029, 6484
- Mi Hi Cha, *see* Cha Mi Hi.
- Mi Kyung Paeng, *see* Paeng, Mi Kyung.
- Miami, Fla.:
area wage survey, metropolitan area, 7666
port, 13294
quarters for Coast Guard members, savings through use of FHA-owned houses, GAO report, 2085
- Miami Indians:
funds appropriated to pay judgments, disposition—
law, 17142
reports, 477, 17593
- Mica:
minerals yearbook chapter, 17839
phlogopite, disposal from national and supplemental stockpiles—
hearing, 10325
law, 10069
reports, 8581, 8752
selective flotation from Georgia pegmatites, 16575
see also Muscovite.
- Mice:
acute hydrazine toxicity, biochemical studies, 12630
body temperature, effect of environmental temperature on endotoxin lethality, 5314
cold-stressed, challenged with viruses by different routes, mortality rate, 79
effect of atropine and ether on parenterally induced Coxsackie B infection in mice, 78
exposed to chronic 2x gravity field, neurologic adaptations, 93
spleen cells, chemical protection against radiation damage to immune response, 15494
super-high electromagnetic waves effect, USSR study, 13558
testicular function after exposure to increased partial pressure of oxygen, 12631
- Michael, Bernard, working one's way through tomorrow, 13283
- Michaels, A. S., polyelectrolyte complexes as reverse osmosis and ion-selective membranes, 6064
- Michalski, Bernadette:
mineral industry of—
Albania, 1114
Bulgaria, 1117
Czechoslovakia, 1121
Poland, 2341
- Michels, Charles J., performance of coaxial plasma guns, 12331
- Michelson, Irving, comparative method for studying costs of air pollution, 15275
- Michie, Lake, humid region, evaporation study, 16359
- Michigan:
climatological data, 2751
county business patterns, 1723
electric rate book, 16275
employment problems of nonwhite youth, 12748
farm labor panel report, 2280
Grand Traverse Soil Conservation District, cropland once, now farm pond for recreation (colored poster), 9681
labor laws affecting women, summary, 8116
landings—
fish, annual summary, 16294
fishery products, 3194
life tables, 18030
manufacturing plants, location by county, industry, and employment size, 1963
census, 14256
- Michigan—Continued
mineral industry, minerals yearbook chapter, 2334
precipitation data, hourly, 3045
upper—
national forests, Scleroderris canker, 13370
temperature and early spring conditions, influence on maple and yellow birch germination, 5983
- Michigan Farm Labor Panel, report, 2280
- Michigan, Lake:
pollution of interstate waters, conferences—
proceedings, 7493
technical session, 11961-962
small craft, gale and whole gale warning facilities chart, 15424
- Michigan National Bank, branch offices, establishment and operation, hearing, 14475
- Micklewright, James T., portable hog feeder from red oak lumber, 10591
- Micro- and macrocrack formation, 2551
- Microanalysis, *see* Electron probe microanalysis.
- Microanalyzers, *see* Electron probe microanalyzer.
- Microbes, *see* Micro-organisms.
- Microbiology:
genetics conference, Hungary, 6172
Hungarian Microbiological Society—
general assembly, 16490
proceedings of congress, 1059
program, 2225
methods of insect pest control, USSR study, 17754
radioisotopic labeling of poliovirus and vaccinia virus, 9871
soil, current problems, 7900
- Microchemical Analysis Section, National Bureau of Standards, summary of activities, 16719
- Microelectric circuits, *see* Circuits.
- Microelectronics, *see* Electronics.
- Microfilms, National Archives publications, list, 7907
- Microforms, masters, national register, 2307, 9345
- Microgeometry, surface, environmental data collection manual, 1990
- Microgrammars, Placebo V, materials, 5015
- Micrographs, *see* Electron micrographs.
- Microlepidoptera:
neotropical—
new genus *Pseudomeritastis* and its species, 6195
review of genus *Faleulina*, description, 5044
- Micromechanics, composite materials, stresses and failure mechanisms induced by inclusions, 15073
- Microminiaturization, *see* Miniaturization.
- Micronesia, marine amphipoda of atolls, 2466
- Micro-organisms:
detected by enzyme-catalyzed reaction, 7774
determination and microbial survival of cryogenic whole air sampling conditions, 2369
ion transport across microbial membranes, research, 4554
microbial flora surviving irradiation, pasteurization of seafoods, effects observed, 5411
microbial polymers, preliminary cost estimate, 9787
- Micropaleontology, *see* Paleontology.
- Microphones:
multiplex system provides multiple outlets from single source, 13744
phonocardiograph, is rugged and moistureproof, 13750
- Micropropulsion, *see* Propulsion.
- Micropulps, *see* 1, properties and interpretations, 15211

Microscopes, *see* Electron microscopes.
 Microscopy, titrimetric microdetermination of sulfur in organic phosphorus and arsenic compounds using nitchromazo, USSR study, 13539
see also Electron microscopy.
 Microvoids in filament-wound composites, origin and removal, 2494
 Microwave filters, composite filter steepens rejection slopes, 15123
 Microwaves:
 effect on living organisms and biological structures, USSR study, 1020
 impedance, measurements and standards, errata, 5008
 liquid-hydrogen density measurements using open-ended microwave cavity, 17930
 long-range tropospheric propagation, USSR study, 10723
 open-ended circular cylindrical cavities, analysis, 12369
 phase-front distortion in simulated earth-to-space transmissions, 17942
 technique, use for continuous measurement of shock velocity, 10957
 technology of tunnel devices for millimeter-wave applications, 10963
 Microwire, *see* Electric wire and wiring.
 Middle-aged and older people in American society, 1572
 Middle Atlantic States, *see* Atlantic States.
 Middle East, *see* East (Middle East).
 Middle River Canal:
 flood control improvement, engineer report—
 departmental edition, 13292
 document edition, 13067
 Middlesex County, N.J., commodity transportation survey, production area series, 8342
 Middleton, David B., removal of angular momentum from spacecraft momentum-exchange system by use of gravity-gradient moments, 7844
 Middleton, Helen K., hydraulic research in United States, 17939
 Middleton, Wilbur D., calculating near-field sonic-boom pressure signatures, 1258
 Middletown, Ohio, commodity transportation, production area series, 9956
 Mideast (U.S.), *see* Atlantic States.
 Midland, Tex., area wage survey, 16532
 Midwest (U.S.):
 fresh fruit and vegetable unloads in midwestern cities by commodities, States, etc., 5834
 water development, 7236
 Midwestern Instruments, Inc., pricing of recorders purchased by Air Force Dept., GAO report, 6020
 Midwestern States, *see* Midwest (U.S.).
 Midwives, practice of nurse-midwifery in United States, 12732
 Mie scattering, *see* Scattering.
 Migrant labor:
 agricultural worker and his family under economic opportunity act, 7280
 July 1-Oct. 31, 1965 projects, 7281
 farm migrant children, school transfer record system, 655
 laws, amend, hearings, 11822
 Michigan farm labor panel report, 2280
 migrant worker programs in rural community action, general information, 14528
 problem in U.S., report, 14468
 study, authorization, report, 4207
 Migration, population-migration report (series), 631, 7295
 Migratory-bird-hunting stamps, increase fees, hearings, 13053
 Migratory birds, *see* Game and game birds.
 Migratory workers, *see* Migrant labor.

Miguel Franca, Jorge I., relief, 17442
 Miklius, W.:
 comparison of for-hire motor carriers operating under agricultural exemption with regulated motor carriers, 16929
 do lettuce buyers exert oligopsony power? 4281
 Milan, Frederick A., cold water tests of USAF anti-exposure suits, 76
 Milan, Italy, U.S. trade center, 14783
 Military Academy Preparatory School, Fort Belvoir, catalogue, 3528
 Military Academy, West Point:
 candidates for appointment, selection, amend U.S. code—
 law, 17137
 reports, 12937, 16164
 catalogue, 1966-67, 17831
 civilian instructors, provide public quarters and utilities without charge, report, 12966
 general information, 4752
 instruction, persons from countries friendly to U.S., permit, report, 17508
 official register, 9355
 selection of cadets, research, 15525
 Military aid:
 agreement with—
 Belgium, 16862
 Japan, 15350
 Luxembourg, 6654
 Paraguay, 15359
 foreign assistance act of 1966—
 analysis of draft bill, 13036
 law, 17105
 reports, 15850, 15862, 17228
 foreign assistance appropriations, 1966, report, 545
 foreign assistance authorization, 1966, supplemental, hearings, 5810
 print additional copies, reports, 7193, 10194, 15882
 military assistance and sales act of 1966—
 analysis of bill, 7142
 hearings, 7135, 8667, 10241, 11806, 14419
 report, 13144
 military assistance appropriations, 1967—
 hearings, 13014, 17568
 reports, 15915, 16159, 17263
 nonmilitary judgments in direction of military assistance program, importance, 7138
 U.S. military assistance programs in Vietnam, investigation, report, 15950
 Military Air Transport Service:
 military airlift, hearings, 10230
 redesignated Military Airlift Command, effective Jan. 1, 1966, special subcommittee report, 10231
 Military aircraft, *see* Aircraft.
 Military airfields, *see* Airports.
 Military Airlift Command:
 MAC flyer (periodical), 3172
 military airlift, special subcommittee report, 10231
 Military airlift, hearings, 10230
 Military Appeals Court, *see* Court of Military Appeals.
 Military art and science:
 air support, Fleet Marine Force manual, 10894
 close air support in Vietnam—
 hearing, 4121
 report of Special Subcommittee on Tactical Air Support, 4122
 command post exercises, computer use, 6536
 defense logistics management training catalog, change, 8796
 defense traffic management handbook, 607
 evasion and escape, Army field manual, 1640

Military art and science—Continued
logistics—

- Air Force manual, 6791
- Army regulations, 15504
- management controls, Army field manual, 1641
- selective management of secondary items, Army field manual, 3822
- support for military services by USA, 17610
- Logistics Research Conference, professional papers, procurement practices, 17613
- Military operations of Civil War, guide-index to official records of Union and Confederate Armies, 1861-65, introduction, 14313
- mission employment tactics, special air warfare tactics, 6785
- organizational, technical and logistical data, staff officers' field manual, 3823
- pathfinder operations, Army field manual, 8254
- revolution in military affairs and spiritual strength of troops, USSR study, 1038
- Soviet translations, 3527
- supply operations manual, defense depot transportation and supply procedures, 608
- tactical decision making—
 - behavior, 8194
 - functional requirements of training equipment, 7970
- 39th Army in Khingan-Mukden operation, 1945, USSR study, 1065
- troop instruction on combat readiness, USSR study, 1024
- USSR, party spirit of military-historical science, 2157
- see also* Chemical warfare.
- Military assistance, *see* Military aid.
- Military bases:
 - closures and reductions, hearings, 8656
 - in Philippines—
 - banking facilities at Subic Bay, agreement, 11264
 - relinquishment of certain areas for other lands, agreement, 8071
- Military communications, defense communications system engineering-installation standards manual, 7251
- Military construction, *see* Installations (military).
- Military depots, defense depot transportation and supply procedures, manual, 608
- Military dictionary, German-English, English-German, 1658
- Army field training, administrative instructions, 7925, 11102
- design of operational equipment, consideration of training functions, handbook, 5067
- see also* Officer candidate schools.
- Military entomology operational handbook, 11333
- Military equipment, *see* Military supplies.
- Military establishments, *see* Armed Forces.
- Military facilities, design criteria in areas subject to typhoons and hurricanes, Army technical manual, 12661
- Military fields, United States, dates of latest editions, instrument approach procedure charts, 3196
- Military funerals, State, official and special, Army pamphlet, 6835
- Military handbook, 615
- Military history:
 - Marine Corps—
 - historical bibliographies series, 9349, 10893
 - historical reference pamphlets, 10895-897
 - USSR, party spirit of military-historical science, 2157
- Military History, Office of Chief of, Army, publications, list, 9357

Military hospitals:

- decade of change in U.S. hospitals, 1953-63, study comparing utilization, staffing and cost trends in civilian and CONUS Army hospitals, 140
- design of Army medical facilities, Army technical manual, 8264, 9907, 14224
- Military housing, *see* Housing.
- Military index:
 - Defense Dept., specifications and standards, 14519
 - supplement, 3055
- Military information:
 - command information processing systems, human factors research, 16967
 - Eastern Europe, translations, 3197
- Military installations, *see* Installations (military).
- Military law:
 - military justice handbook—
 - guide for summary court-martial trial procedure, 5350
 - trial guide for special court-martial president, 5351
 - review, Army Dept. pamphlet, 3198
 - volumes 1-10, selected reprint, 3826
 - United States Code, amend titles 10 and 37, codifying recent laws, etc., report, 17551
- Military missions:
 - agreement with Costa Rica, 15351
 - mission employment tactics, special air warfare tactics, 6785
- Military operations, *see* Military art and science.
- Military pay, *see* Pay, allowances, etc.
- Military personnel, *see* Armed Forces.
- Military police, operations within Army divisions and separate brigades, 16959
- Military posts, repairs and utilities, work performance standards for engineering, Army pamphlet, 12655
- Military posture, hearings, 10232
- Military psychology, *see* Psychology.
- Military publications:
 - decision logic table technique, Air Force pamphlet, 71
 - index of AMC publications and blank forms, 5340
- Military research:
 - Army research and development, news-magazine, 2691
 - design of experiments, conference proceedings, 9886
- Military review (periodical), 3199
- Military Sea Transportation Service:
 - sealift magazine, 3495
 - transportation of privately owned vehicles on foreign-flag vessels, GAO report, 9004
- Military service:
 - marginal man, review, 8255
 - personnel, before you report for active duty, 3808
 - symposium on medical aspects of stress in military climate, 141
 - universal military training and service act—
 - amend—
 - hearing, 5683
 - report, 5673
 - as amended, with analysis, 5682
 - see also* Armed Forces.
- Military standards, 3200, 4257, 7263-66, 8813-14, 10394, 11849-853
- Military supplies:
 - Air Force procurement instruction, revisions, 2659
 - airdrop of supplies and equipment—
 - Army technical manual, 9909
 - assembly line, rigging, technical manual, 8266
 - general, technical manual, change, 15517
 - rigging M28 and M29, technical manual, 15518

Military supplies—Continued
 airdrop of supplies and equipment—con.
 rigging military aluminum bridges
 (floating and fixed), Army technical
 manual, 9910
 rigging 105-MM howitzer, 8267
 using CV-2B Caribou airplane and com-
 bat-expendable platforms, 6845
Armed services procurement regulations,
 2688, 10382
Army procurement procedures, changes,
 114, 11392
 cataloging system, standardization, etc.,
 semiannual reports, 1846, 5684
 commander's guide to ready men and ready
 materiel, 11403
 contract pricing, Armed services procure-
 ment regulation manual, 7252
 contractors guide, 3345
Defense Dept.—
 specifications and standards, index,
 14519
 supplement, 3055
 standardization documents—
 classification listing, 2965
 supply classification listing, 14517
 defense industrial plant equipment center
 operations, DSA manual, 4248
 defense procurement circular, 2845
 defense supply procurement regulation,
 revisions, 2846, 11816
 design of operational equipment, consid-
 eration of training functions, handbook,
 5067
 disposal manual, changes, 611, 5648
 equipment, procurement by Marine Corps,
 GAO report, 10619
 guide for line officers performing supply
 duties, 11149
 input and output codes, supply cataloging
 manual, 4244
 interservice action needed when manage-
 ment policies and practices differ for
 similar supply items, Defense Dept.,
 GAO report, 14726
 item identification, cataloging manual, 603
 loan to Boy Scouts for 1967 world jam-
 boree and conference—
 law, 11588
 reports, 10147, 11771
 military supplies and equipment, preser-
 vation packaging and packing, DSA
 manual, 7258
MILSTRIP, military standard requisition-
ing and issue procedures—
 changes, 4258, 7267, 10395, 14520
 supplement, 11854
 nondestructive testing series—
 electromagnetism, 7269
 radiography, 16213
 operating forms, cataloging manual, 605
 packing and carloading, instructor's guide,
 Army Dept. pamphlet, 6842
 preservation packaging, etc.—
 DSA manual, change, 609
 instructor's guide, DSA manual, 610
procurement—
 contract administration procedures,
 5341
 DCSC estimates catalog, 10385
 legal service, Army pamphlets, 5367,
 9899, 11402, 12658, 15513
 tables of materials digested, etc.,
 12657
 small business subcontracting and set-
 aside programs, hearings, 7165
 provisioning techniques, Army technical
 manual, 133
 standardization policies, procedures, and
 instructions, manual, 3533, 13245
 supply operations, guide for developing
 engineered standards, SMC pamphlet,
 12659

Military supplies—Continued
 supply operations manual—
 defense depot transportation and supply
 procedures, 608
 distribution system procedures, 4247
 utilization manual, 4246, 10391, 13249
 see also Handling equipment.
Military terms, U.S., dictionary for joint
usage, 16389
Milk:
 acidophilous, used in treatment of dysen-
 tery, USSR study, 17751
 and food, reference list of publications,
 13987
 and milk products, fabrication of single
 service containers and closures, sanitation
 standards guide, 15278
 black bear milk, composition, 6799
 bulk cooling tanks on farms supplying
 Federal milk order markets, 14509
 distributors' sales and costs, 3201
 evaporated, condensed, and dry, 2891
Federal orders—
 major provisions, summary, 5792
 market sources by State and county,
 14511
 market statistics—
 1965 annual summary, 9841
 summary monthly, 2941
 marketing, summaries, 593, 4237
fluid—
 industry wage survey, 4719
 milk and cream report, 2981
 packaged, sale in Federal milk order
 markets by size and type of con-
 tainers, 14507
 sales, effect of different levels of pro-
 motional expenditures, 4280
 grade A pasteurized, safe and reliable
 through cooperation of industry, States,
 U.S. Public Health Service, 13964
 interstate shippers, certification under
 State-PHS cooperative program, 5113
 nonfat milk solids, effect on storage prop-
 erties of potato flakes, 12583
 pasteurization, equipment testing proce-
 dures, 15298
 Pittsburgh market, coordinating fluid milk
 supplies, 6760
 procurement by Defense Dept., price ad-
 justments, amend U.S. Code, hearings,
 17361
production—
 disposition and income, 9742
 monthly reports, 1507, 2594, 3202, 6660,
 9740-41, 11283, 14036
 statistical summary, 6661
 special programs, administration by Ag-
 riculture Dept., review, hearing, 7106
 special school program for children, ex-
 tend—
 hearings, 13191, 17375
 reports, 12985, 13146, 15865, 15890
 special school program for children, make
 permanent, etc., hearings, 11786, 13010
 see also Goats.
 Milk tanks, *see* Tanks.
 Milking Shorthorn cattle, *see* Cattle.
 Mill profiler machines soft materials accu-
 rately, 11044
 Miller, Albert B., pilot re-entry guidance and
 control, 1189
 Miller, Ann R., Interagency Committee on
 Occupational Classification, Budget Bu-
 reau, collection and classification proce-
 dures and plans for future work, progress
 report, 14245
 Miller, Charles G., III, calibration in Lang-
 ley hotshot tunnel, 6446
 Miller, Edward F., design equations of swept
 frequency spectrum analyzers for inflight
 vibration analysis, 15196
 Miller, G. A., utilization of ground water
 in Santa Maria Valley area, Calif., 9024

INDEX 1966

- Miller, G. Kimball, Jr.:
manually controlled translation and hover maneuvers over lunar surface, 17919
visual simulation of lunar orbit establishment using simplified guidance technique, 15154
- Miller, Gordon H., fluidization processes under lunar conditions, 17881
- Miller, Irvin M., oxidation of graphite in high-temperature supersonic and hyper-sonic environments, 12343
- Miller, John F., monthly number of days with precipitation, etc., 14077
- Miller, Marshall E., lectures, excerpts, 4287
- Miller, Max J., blade element performance of axial-flow pump rotor with blade tip diffusion factor of 0.66, 15191
- Miller, P. D., research on corrosion mechanisms in saline water, using reversible and irreversible electrodes, 12052
- Miller, Paul A., nomination, hearing, 17593
- Miller, Perry B.:
effects of moderate physical exercise during 4 weeks of bed rest on circulatory functions in man, S204
medical problems of weightlessness, S220
- Miller, Richard L., algal bioregenerative systems, S211
- Miller, Robert E.:
development of officer selection and classification tests, 15487
predicting 1st year achievement of Air Force Academy cadets, class of 1966, S198
- Miller, Robert L., and wife, relief, 12875
- Miller, William C.:
boron, 15000
bromine, 13671
iodine, 13684
- Miller, William E.:
effects of shunt capacitance on transient effects caused by electron irradiation of polyethylene terephthalate insulated ribbon wire, 7849
European pine shoot moth, 7453
- Miller, William M., chronology of Marine Corps, 1775-1934, 10895
- Millers Ferry Lock, Alabama River, Ala., filling and emptying systems, hydraulic model investigation, 10444
- Millican, Richard D.:
advertising, volume and expenditures, 1457
national mailing-list houses, 18093
- Millimeter waves, *see* Microwaves.
- Milling (metallurgy):
electrochemical, removes burrs and solder from tubing ends, 13793
- Milling machines, machine mills and saws light materials, 13799
- Mills, *see* Floor covering mills—Flour mills—Grain mills—Planing mills—Sawmills—Steel mills—Textile mills—Thread mills—Weaving mills—Yarn mills.
- Millwork, Federal item identification guides for supply cataloging, supplements, 2935
- Millwrights, employment outlook, 9250
- MILSTRIP:
military standard requisitioning and issue procedures, 4258, 7267, 10395, 14520
routing identifier codes, 11854
- Milwaukee, Wis.:
area wage survey, metropolitan area, 12213
commodity transportation survey, production area series, 9957
principal electric facilities, map, 7375
- Mima, isolation, from experimental space-flight diet, 11382
- Mimura, Takuo, thermal radiation absorptance and vacuum outgassing of metallic and coated surfaces, 4968
- Minas Gerais, Brazil, geology and mineral resources (series), 4518, 12018
- Mind reading, mental telepathy, USSR studies, 10702
see also Thought-transference.
- Mindanao, northern, sailing directions, 9580
- Mine accidents:
coal mines, injuries, monthly report, 2753
Federal coal mine safety act amendments—
law, 7040
report, 5784
- Mine drainage, coal mine drainage in Appalachia, 1905, related to stream quality, 7481
- Mine explosions, explosion energy and charge design, USSR study, 10829
see also Coal dust.
- Mine filling, *see* Hydraulic mine filling.
- Mine fires, fire hazard of urethane foam, 12261
- Mine gases, effects on portable methane detectors in mine atmospheres, 9361
- Mine pillars, creep in model pillars, 4790
- Mine-roof bolts, *see* Bolts and nuts.
- Mine safety, *see* Safety of life.
- Mine ventilation:
effects of bleeder entries during atmospheric pressure changes, 10924
stoppings for ventilating coal mines, 4793
underground bituminous coal mines, performance characteristics of jute line brattice, 6317
- Mine water, *see* Water.
- Mineral fuels, *see* Fuel.
- Mineral industries, *see* Minerals.
- Mineral lands:
common varieties act—
amendments—
hearing, 13215
reports, 16138
interpretation and administration, hearings, 1941
conveyance of mineral interests of U.S. located near Orangeburg, S.C., to Allen E. Dominick, 17415
leasing act of 1920, amend—
hearing, 13219
report, 13167
occupants of unpatented mining claims, relief law, questions and answers, 10886
oil and gas lease—
New Mexico, reinstate, 17089
Wyoming, reinstate, report, 17491
Vega Dam and Reservoir, reconvey mineral rights to former owners—
law, 15752
report, 16120
- Mineralogy, *see* Meteorites—Minerals.
- Minerals:
and primary products, Federal item identification guides for supply cataloging, supplements, 2938
by-products from saline waters, 17737
census publications, price list, 5101
chemical and fertilizer mineral mining, census of mineral industries, 1963, industry statistics, 11459
contributions to geochemical prospecting (series), 13396, 16355
deposits—
exploration, using probability models as basis for decisions, 12245
Powell River area, Claiborne, and Union Counties, Tenn., 13400
reserves, computing, 9359
exploration assistance, 13406
facts and problems, 1105
geology and mineral deposits of Moshelm and Johnson anticlines, Greene County, Tenn., 4512
industries—
Alabama, water used in 1962, 15033
area reports, annual, 2686
census, 1963—
EC series, 223, 1707
final industry reports, announcement and order form, 3873
industry statistics, 6916, 9951, 11457-459, 12702, 14261-262, 15575-576

Minerals—Continued

industries—continued
 census, 1963—continued
 preliminary reports, 2740
 publication program, 1708-9
 economic analysis (remarks), 6311
 employment and injuries, minerals year-
 book chapter, 2318
 enterprise statistics, 1963, preliminary
 reports, 11475
 index numbers, 1111
 Nevada, water requirements and uses,
 12234
 New Mexico, water requirements and
 uses, 2319
 review, minerals yearbook chapters,
 1170, 2357
 technologic trends, minerals yearbook
 chapter, 1171
 theoretical confirmation and applica-
 tions of probability theory, 12241
 water use, 6290
 Industry, minerals yearbook chapter—
 Afghanistan, 4759
 Africa, regional review, 9367
 Alaska, 2320
 Albania, 1114, 15014
 Algeria, 4760
 Angola, Mozambique and Portuguese
 Guinea, 6294
 Argentina, 10911
 Arizona, 2321
 Arkansas, 1115
 Australia, 6295
 Austria, 7687
 Bahrain, 1116, 13688
 Basutoland, Bechuanaland, and Swazi-
 land, 4761
 Belgium, 10912
 Bolivia, 4762
 Brazil, 10913
 British Guiana, 6296
 British Honduras, Costa Rica, El Sal-
 vador, Guatemala, Honduras, Nicara-
 gua, and Panama, 7688
 British Solomon Islands, Christmas Is-
 land, Fiji Islands, Makatea, Nauru
 and Ocean Islands, New Caledonia,
 New Hebrides, and Papua and New
 Guinea, 6297
 Bulgaria, 1117
 Burma, 4763
 Burundi, Cameroon, Central African
 Republic, Chad, Congo (Brazzaville),
 Dahomey, French Somaliland, Gambia,
 Mali, Mauritania, Niger, Ruwanda,
 Somali Republic, Togo, and Upper
 Volta, 9362
 California, 2322
 Canada, 7689
 Ceylon, 1118
 Chile, 7690
 China, mainland, 2332
 Colombia, 6298
 Colorado, 1119
 Congo (Léopoldville), 4776
 Connecticut, 17840
 Cyprus, 1120
 Czechoslovakia, 1121
 Delaware, 17841
 Denmark, 2323
 East Germany, 2324
 Ecuador, French Guiana, Paraguay and
 Uruguay, 7691
 Ethiopia, 7692
 Europe, regional review, 13690
 Far East, regional review, 7705
 Finland, 7693, 17842
 France, 13689
 Gabon, 1122
 Georgia, 1123
 Germany, Federal Republic, 10914
 Ghana, 4764
 Greece, 6299
 Greenland, 2325
 Guinea, 6300
 Hawaii, 1124

Minerals—Continued

industries—Continued
 Hungary, 2326
 Illinois, 2327
 India, 2328
 Indiana, 1125
 Indonesia, 4765
 Iowa, 1126
 Iran, 4766
 Iraq, 2329, 15015
 Ireland, 4767
 Islands of Caribbean, 9363
 Israel, 4768, 15016
 Italy, 7694
 Ivory Coast, 6301
 Japan, 4769
 Jordan, 4770, 15017
 Kansas, 1127
 Kentucky, 1128
 Kenya, Tanzania, and Uganda, 7695
 Kuwait-Saudi Arabia Neutral Zone, 1129
 Latin America, regional review, 9368
 Liberia, 7696
 Libya, 2330
 Louisiana, 2331
 Luxembourg, 7697
 Maine, 1130, 17843
 Malagasy, 10915
 Malaysia, 2333
 Maryland, 1131
 Massachusetts, 1132, 17844
 Mexico, 7698
 Michigan, 2334
 Missouri, 2335
 Mongolia, 1133, 16563
 Montana, 1134
 Morocco, 7699
 Near East, regional review, 12238
 Nebraska, 1135
 Netherlands, 6302
 Nevada, 1136
 New Jersey, 1137
 New Mexico, 2336
 New York State, 2337
 New Zealand, 6303
 Nigeria, 2338
 North America, regional review, 6309
 North Dakota, 1138
 North Korea, 4771
 Norway, 7700
 Ohio, 2339
 Oklahoma, 1139
 Oregon, 1140
 Pakistan, 4772
 Pennsylvania, 2340
 Peru, 7701
 Philippines, 4773
 Poland, 2341
 Portugal, 4774
 Puerto Rico, Panama Canal Zone, Virgin
 Islands, Pacific Island possessions,
 and Trust Territory of Pacific Islands,
 17845
 Qatar, Trucial States, Muscat and
 Oman, Federation of South Arabia
 and Yemen, 4775, 17846
 Rhodesia (Southern Rhodesia), Zambia,
 and Malawi, 7702
 Rumania, 4777
 Saudi Arabia, 1141, 17847
 Senegal, 2342
 Sierre Leone, 1142
 South Africa, 9364
 South Asia, regional review, 2347
 South Carolina, 1143
 South Dakota, 1144
 South Korea, 1145, 16564
 South Pacific, regional review, 6310
 South-West Africa, 6305
 Spain, 7703
 Sudan, 6304
 Surinam, 6306
 Sweden, 9365
 Switzerland, 6307
 Syrian Arab Republic, 4778, 17848
 Taiwan, 4779, 16565

INDEX 1966

- Minerals—Continued
industries—continued
Tennessee, 1146
Texas, 2343
Thailand, 2344
Tunisia, 2345
Turkey, 6308
United Arab Republic (Egypt), 4781, 17849
United Kingdom, 10916
USSR, 4780
Utah, 1147
Venezuela, 10917
Vermont, 1148
Virginia, 1149
Washington State, 1150
West Virginia, 2346
Wisconsin, 1151
Wyoming, 1152
Yugoslavia, 4782
laboratory processes for washing tetrabromoethane from mineral particles, 6320
mineral resources (remarks), 13433
mineral trade notes, monthly inventory, 3204
mineralogy of Deep Springs Lake, Inyo County, Calif., 9018
nonmetallic, except fuels, census of mineral industries, 1963, industry statistics, 15576
nonmetallic mineral products, census of manufactures, 1963, industry report, 5445
Orgueil meteorite, surface conditions of parent body as indicated by mineral associations, 14016
projections to 1985 of crude material, 6290
regional structures of southeast Missouri and Illinois-Kentucky districts, 6029
resources—
challenge to engineering in planning, etc. (remarks), 4754
code of Federal regulations, 5948
Flat Tops primitive area, Colo., 13403
Grandfather Mountain window and vicinity, N.C., 10639
Minas Gerais, Brazil (series), 4518, 12018
Monlevade and Rio Piracicaba quadrangles, Brazil, 12018
Mount Jefferson primitive area, Oreg., 10636
Pico de Itabirito district, Brazil, 4518
San Rafael primitive area, Calif., 10635
Spanish Peaks primitive area, Mont., 12015
stratified primitive area, Wyoming, 12016
Sycamore Canyon primitive area, Ariz., 14747
Washington State, 7218
specialist, examination announcement, amdt., 17034
sulfate and sulfide sulfur in, determination, 12012
yearbook, 1964—
area reports, domestic—
departmental addition, 4785
document edition, 4048
metals and minerals except fuels—
departmental addition, 4783
document edition, 4046
mineral fuels—
departmental edition, 4784
document edition, 4047
Minerals Exploration Office, press releases, 3387
Mines and mining:
common varieties act—
amendments—
hearing, 13215
report, 16138
interpretation and administration, hearings, 1941
Mines and mining—Continued
disagreement among scientists at Krivoy Rog Mining Institute, 16395
dynamics of aerosols in mine workings, USSR study, 10825
exploration expenditures in case of mining, income tax deductions—
law, 15747
reports, 5618, 13154
mine products, carload waybill statistics, 7533, 7536
mineral facts and problems, 1105
mineral production, depletion allowances reported on U.S. tax returns by individuals, partnerships, and corporations, 1960 statistics, 7520
review of mining technology, minerals yearbook chapter, 13700
Rumanian inventions, 10805
see also Coal mines and mining—Hydraulic mine filling—Mine accidents—Mine fires—also names of metals and minerals mined.
Mines Bureau:
Albany Metallurgy Research Center, metallurgical progress reports, 1685, 6866, 11439
appropriations, 1967, hearings, 7113
area report, annual, 2686
bulletins, 1105, 10908, 13672-673
coal, 1964 research and technologic work, 1112
coal program, 1965, review, 16559
director, nomination of Walter R. Hibbard, jr., hearing, 5815
experiment stations, eliminate appropriation limitations, report, 11767
gas-combustion oil-shale retorting process development, 10908
Health and Safety Research and Testing Center, research and technologic work, 17837
information circulars, 1110-12, 2319, 4755-56, 6286-91, 7686, 9359-61, 10910, 12234-235, 13677-683, 15010-012, 16558-560, 17837
press releases, 3388
programs, advance planning, use of economic analysis (remarks), 6311
publications—
and articles, 1960-64, list, 6292
monthly list, 3261
report of investigations, 1155-69, 2348-56, 4788-4802, 6312-26, 7706-18, 9369-87, 10918-931, 12239-261, 13691-698, 15021-031, 16571-586, 17852-867
respiratory protective devices approved, 6287
Minetti, G. Joseph, address, Oct. 20, 1966, 15611
Mingo National Wildlife Refuge, general information, 14659
Miniature bioelectronic device accurately measures and telemeters temperature, 6383
Miniaturization:
high-performance RC, bandpass filter is adapted to miniaturized construction, 13745
miniaturized VHF FM/FM telemetry system, 3798
servo accelerometer, force-balanced, 1216
thin-film technology in microminiaturization of measuring equipment, USSR translations, 7630
Minimax attitude control of acrobatic launch vehicles, 2367
Minimax technique, see Mathematics.
Minimum property standards for multifamily housing, 699
Minimum wage, see Wages.
Mining claims, see Mineral lands.

- Mining engineering :
 constructing underground facility, NORAD
 Combat Operations Center, at Cheyenne
 Mountain, El Paso County, Colo., meth-
 ods and costs, 13679
 critical path planning and scheduling ap-
 plied to mining operations, 7709
 mine-surveying, facilities and equipment
 developed at Soviet institute, 16485
 photoelastic study of internally stressed
 circular opening in biaxial stress field,
 16571
 presplitting flood control gate shaft, Lit-
 tleville Dam, Huntington, Mass., mining
 method, technique and cost, 1110
 Mining engineers, employment outlook, 9236
 Mining machinery :
 census of manufactures, 1963, industry re-
 port, 5448
 continuous borer, use in mining pitching
 anthracite beds, 9380
 equipment, Federal item identification
 guides for supply cataloging, suppl-
 ements, 2932
 shearer loader, use in longwall mining in
 Pennsylvania anthracite mine, 7713
 Miniskaya oblast, *see* Minsk oblast, Belorus-
 sian SSR.
 Ministers of religion, *see* Clergy.
 Ministry of Higher and Secondary Special-
 ized Education, USSR, bulletin, articles,
 6118
 Minks, diseases and parasites, 28
 Minneapolis, Minn. :
 area wage survey, metropolitan area, 9319
 commodity transportation survey, produc-
 tion area series, 9958
 principal electric facilities, map, 7376
 Minnesota :
 aspen and projected supply, 14703
 climatological data, 2751
 county business patterns, 1964, 230
 electric rate book, 17656
 Fillmore Soil Conservation District, land
 conservation and watershed dam (col-
 ored poster), 9682
 labor laws affecting women, summary,
 5246
 life tables, 18031
 manufacturing plants, location by county,
 industry, and employment size, 1963
 census, 14257
 markets, balsam fir dimension lumber,
 5995
 medical assistance for the aged under so-
 cial security act, 11905
 Mississippi River and tributaries, fishery
 products, wholesale dealers list, 770
 northern, status of women, Arrowhead
 conference, report, 14096
 precipitation data, hourly 3045
 soil survey laboratory data and descrip-
 tions, 16842
 timber, quality, trends, etc., 3d look, 10611
 women workers, 5254, 16914
 Minnesota Chippewa Tribe, *see* Chippewa
 Indians.
 Minnetta, Ga., railroad accident, 2138
 Minor elements, *see* Chemical elements.
 Minorities :
 children of minority groups, placing for
 adoption, 275
 groups, research data, Economic Reserach
 Service reports, bibliography, 16934
 minority group employment in Federal
 government, 1965, study, 310
 Ukrainian emigre comments on minorities
 in USSR, 6170
 Minors, *see* Children.
 Minsk oblast, Belorussian SSR, Miniskaya
 oblast, party and local government co-
 operation, USSR study, 9128
 Mint Bureau :
 domestic and foreign coins manufactured
 by mints of U.S., 1792-1965, 17870
 report, 12262
 Mintz, Milton S., transport of electrolytes
 through membrane systems, 16372
 Minuteman missiles, *see* Missiles.
 Minutilla, Rose, relief, 17181
 Mirabella, Angelo, computer based adaptive
 training applied to symbolic displays,
 11154
 Miranda y Monteagudo, Maria Y. R., relief,
 16057
 Miropol'skiy, Leonid M., biographical note,
 USSR, 13478
 Mirror lenses, *see* Lenses.
 Mirrors, optical-instrumentation, mount en-
 ables precision adjustment, 9490
 Mirtich, Michael J., accelerating particles in
 shock-tubes flows, 4934
 Miscellaneous collection series, *see* Smith-
 sonian miscellaneous collection.
 Miscellaneous papers, *see* names of depart-
 ments, etc., issuing papers.
 Miscellaneous publications, *see* names of de-
 partments, etc., issuing publications.
 Mishnun, Florence, training in service oc-
 cupations under manpower development
 and training act, 7642
 Misses' clothing, *see* names or types of cloth-
 ing.
 Missiles :
 ablation materials as coatings for struc-
 tures in region of separated flow, per-
 formance, 1261
 accidental explosions, study, manual for
 investigators, 8304
 and space ground support operations—
 hearings, 7148
 report, 7096
 colloidal suspension simulates linear
 dynamic pressure profile, 11008
 combat employment, USSR study, 903
 Defense Dept. military procurement ap-
 propriations, 1966, report, 17198
 ENTAC missile system, rigging, airdrop,
 16965
 guided—
 Federal item identification guides for
 supply cataloging, supplements, 2940
 principles, Navy training text, 15248
 manufacturing occupations, employment
 outlook, 9292
 military procurement, appropriations,
 1966, supplemental—
 hearings, 5797, 7117
 law, 7031
 reports, 5666, 5757, 7079, 7083
 military procurement, appropriations,
 1967—
 hearings, 8766, 10232
 law, 11593
 reports, 8644, 8744, 12930
 Minuteman program, thrust vector control
 nozzles, procurement, Air Force Dept.,
 GAO report, 17709
 Nike-Hercules missile launching and han-
 dling rails, management control, Army
 Missile Command, GAO report, 17707
 Nike-Hercules system, engagement simula-
 tor, Army field manual, 5346
 Thor vehicle structure, longitudinal vibra-
 tion, 17916
 Missions, *see* Military missions.
 Missisquoi National Wildlife Refuge, mam-
 mals, list, 4422
 Mississippi :
 central, insulation in broiler houses, field
 studies, 10
 climatological data, 2751
 contested congressional elections, hearings,
 516
 cotton, 1960-63, mechanical picking
 spindles and handpicking on quality and
 spinning performance, 3758
 county business patterns, 1724
 electric rate book, 712
 iron and steel scrap, 9360
 landings, fish and shellfish, 3205, 13340
 life tables, 18032

INDEX 1966

Mississippi—Continued
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14259
 precipitation data, hourly, 3045
 Southeast hurricane disaster relief act of 1965—
 hearing, 527
 law, 439
 report, 554
 Yazoo County Soil Conservation District, skip-row contoured cotton and farm ponds (colored poster), 9683
 Mississippi River and Valley:
 Bessie Cutoff, hydraulic model investigation, 678
 bridge at or near Clinton, Iowa and Fulton, Ill., revive act, etc., law, 12825
 bridge near Muscatine, Iowa, and Drury, Ill.—
 law, 12826
 report, 13126
 Cairo to the Gulf, channel improvement and stabilization, 7719
 daily Mississippi River stage and forecast bulletin, 2823
 Delta region, impact of pesticides on environment, 15467
 embayment—
 emerged quaternary shore lines, 14014
 low-flow characteristics of streams in southern Arkansas, northern Louisiana, northeastern Texas, 10641
 northern Arkansas and Missouri, low-flow characteristics of streams, 6032
 fisheries, 1964, annual summary, 8938
 light list and other marine aids, Mississippi River System, 8406
 lower, revetment construction, savings by reducing overtime and maintenance, Engineers Corps, GAO report, 8986
 lower basin, surface water quality, 16364
 navigation, 10933
 sediment investigations at St. Louis, Mo., 17729
 stages and discharges, 13704
 tips for managing drought-stricken cottonwoods, 4457
 upper—
 comprehensive basin study of water and land resources, 7331
 ice jam, hearings, 8678
 opening to year-round navigation (statement), 1104
 upper basin, surface water quality, 10652, 14756
 records to Dec. 31, 1964, index, 2098
 water resources of embayment (series), 6032, 10641
 Mississippiplan period, Borden formation in south and southeast central Kentucky, 10634
 Missouri:
 Cane Girardeau County Soil and Water Conservation District, farm pond for stock water and recreation (colored poster), 9684
 climatological data, 2751
 congressional districts, 90th Congress, 17016
 county business patterns, 1725, 5467
 electric rate book, 13324
 iron and steel scrap, 9360
 life tables, 18033
 low-flow characteristics of streams, 6032
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 mineral industry, minerals yearbook chapter, 2335
 postal map, 13935
 precipitation data, hourly, 3045
 public transit compact for Kansas City area, approval—
 law, 15766
 reports, 13159, 17223

Missouri—Continued
 shortleaf pine—
 methods of thinning, 795
 seeding, 10592
 stand density affects yield, 793
 understory hardwoods retard growth, 794
 soil survey laboratory data and descriptions, 16859
 southeast, mineral districts, regional structure, 6029
 women, equal pay, 1965 laws, 5237
 women workers, 12574
 Missouri Basin Inter-Agency Committee:
 annual programming report, fiscal years 1966-68, 10934
 minutes—
 142d meeting, 1174
 143d meeting, 9388
 144th meeting, 10935
 145th meeting, 16588
 Missouri Indians:
 judgment funds, disposition—
 law, 17144
 reports, 4114, 5661, 17505
 Missouri Pacific R.R., accident, 12070
 Missouri River and Valley:
 basin—
 development, Interior Department program, 14755
 progress, quarterly report, 3422
 surface water quality, 10652, 14756
 water pollution control, comprehensive program, 17669
 bridges, Burt County, Nebr., refinancing, authorize, law, 429
 Lewis and Clark Lake, carp, river carp-sucker, smallmouth and bigmouth buffalo, 17676
 Missouri River Basin project:
 Ainsworth unit, Nebr., Sandhills division, 14005
 appropriations, authorization, increase—
 law, 12839
 reports, 10177, 13131
 Garrison diversion unit, construction, report, 17196
 Missouri River Basin investigations project report, 9031
 Missouria Indians, *see* Missouri Indians.
 Mistletoe:
 dwarfmistletoe—
 control on ponderosa pine, forecasting returns, 17704
 infections or red fir, determining age, 17692
 removal and reinvasion in Jeffrey and ponderosa pine, 2067
 Mitchell, Donald W., fire hazard of urethane foam in mines, 12261
 Mitchell, George E.:
 dental health programs, Contra Costa County, Calif., etc., 6586
 prepaid dental care, glossary, 1430
 salaries of dentists and dental hygienists in local health departments, 1284
 Mitchell, George W.:
 remarks, etc.—
 Nov. 19, 1965, 733
 Dec. 28, 1965, 2026
 Feb. 9, 1966, 4393
 Feb. 17, 1966, 5957
 Mar. 14, 1966, 5958
 Apr. 13, 1966, 7418
 June 6, 1966, 10510
 June 16, 1966, 10511
 Oct. 6, 1966, 16287
 Oct. 14, 1966, 16282
 Mitchell, Ora, State child labor standards, 4703
 Mites, *see* Clover mites.
 Mittens, current industrial reports, 3921
 Miya, Fred, mortality of cold-stressed mice challenged with viruses by different routes, 79

- Miyauchi, David, radiation-pasteurization processes, Pacific crab and flounder, 11437
- Mizen, Mamie L.:
Federal facilities for Indians—
Nov. 1964, report, 11788
tribal relations with Federal Government, 1965-66, report, 13192
- Moapa Valley Water Co., relief, 8522, 11731
- Mobile, Ala., principal electric facilities, map, 7380
- Mobile homes, *see* Trailers.
- Mobility:
labor, operation of severance pay plans and their implications, 7665
pressure-suited subject under balanced-gravity conditions, water-immersion technique for study of, 4900
tooth, effect of tube-type diet and stress-inducing conditions, 12632
see also Geographic mobility—Mechanical mobility.
- Mobilization, *see* Industry—National defense—Production.
- Mobley, Thomas C.:
union wages and hours—
building trades, 13609
printing industry, 12216
- Mock, Steven J.:
fluctuations of terminus of Moltke Glacier, 12650
snow temperatures on Greenland ice sheet, 6830
- Modal interference, very-low-frequency radio waves, 6534
- Model hurricane plan for coastal community, 14075
- Model Reporting Area for Blindness Statistics, conference proceedings, 13983
- Modeling:
thermal, sets of similarity ratios, 11072
transport schedule compilation process, USSR study, 2186
- Modelling human behavior, conferences on programming, and automatic control, USSR, 13532
- Modernization, *see* Renovizing.
- Modulation including retrodirective optical system (MIROS) follow-on program, 7730
- Module (measurement unit):
Apollo command module, effect of protuberance, etc., on pressure and heat-transfer distribution, 16647
reverse osmosis membrane modules, research and development, 4556
- Modulus of elasticity, *see* Elasticity.
- Moe, Henry A., nomination, hearing, 7229
- Moe, Lyle E., Ghana, supply and demand projections for farm products to 1975 with implications for U.S. exports, 7294
- Moeller, George, STANDIVE, Fortran solution of decompression equations, 13666
- Moench, Robert H., economic geology of Idaho Springs district, 9011
- Moffett, Donovan C., relief of estate, 1803
- Mohair:
ASCS program, 6735
production, price and value, 2598, 8094
- Mohammedanism:
anti-Islamic atheistic propaganda, USSR studies, 4619
atheistic propaganda against Islam, 10711
attitudes toward women, overcoming them, USSR study, 13480
Communist atheism and Moslem faith, USSR study, 10766
effects of Moslem religion on people, USSR study, 17768
entry on Islam in great Soviet encyclopedia, 10791
Islam and atheistic propaganda, USSR articles, 1025
Islam in USSR, studies, 6226
Islam, USSR book, 4591
Islamic customs in Soviet Union, 6127
- Mohammedanism—Continued
Islamic ethics and its social significance, 10715
Islamic religion, articles, 2222
Kirgiziya, USSR, religious vestige, 6113
overcoming ideology of Islam, USSR study, 4598
ritualism in Islam and its social essence, USSR study, 12123
Soviet critique on Islam, 14947
- Mohler, Stanley R.:
physician flight accidents, 15559
predominant causes of crashes and recommended therapy, 15554
- Mohr, Fred W., industry wage survey, machinery manufacturing, 7670
- Moisture:
content—
hardwood pallets, effect on performance, 14714
pinyon and juniper, diurnal and seasonal fluctuations, 13369
variations of several fuel size components of live and dead chamise, 10573
effect on cadmium sulfide solar cells, 17924
fuel—
content of indicator sticks from weather variables, estimates, 10606
timber management, 10582
influence on effectiveness of fire retardants, 5994
- Mojdara, Jennifer E. J., relief, 1903
- Molar volume, binary fluoride mixtures, 16581
- Molasses:
market news—
annual summary, 5832
weekly, 3206
- Moldavia, *see* Moldavian Soviet Socialist Republic.
- Moldavian Soviet Socialist Republic:
decline of Judaism, 14867
scientific methods applied, 9158
- Molds (forms):
graphite, for casting titanium, barrier coatings, investigation, 6538
tooling, cork used, 13763
- Molecular biology, *see* Biology.
- Molecular diseases, *see* Diseases.
- Molecular functions, molecular basis of memory, USSR study, 947
- Molecules:
biological macromolecules, electron microscopy, USSR study, 13569
empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715
ion-molecule reactions, bibliography, 13864
molecular—
band systems found in air, spectral distribution functions, 15060
structures, progress report of Organic Chemistry Section, July 1964-June 1965, 1299
studies at Moscow State University, Hungarian scientist reports, 12105
synthesis of high compounds by radiation, polymerization method, USSR study, 9069
polar, capture collisions with ions, semi-classical approach, 6426
- Moles (animals):
moles and their control, 4428
- Moline, Ill., area wage survey, 4725
- Molinski, V. J., radiochemistry of selenium, 1679
- Molloy, John K., aerodynamic characteristics of raked-off circular etc., cones, 9527
- Mollusca, index-catalogue, 8134
- Mollusks:
late Pleistocene marine paleoecology and zoogeography in central California, 16561
Matheva, new class, 12023
see also Snails.

Molnar, Andrew R., human factors considerations of underground insurgencies, 16961
 Moltke Glacier, Greenland, fluctuations of terminus, 12650
 Moltzau, Ralph H., jr., battery-operated pilot balloon time-signal generator, 17693
 Molucca albizia, *see* Albizzia.
 Molybdenum:
 cesium with fluorine, desorption kinetics, 15187
 corrosion properties, 4796
 disposal from national stockpile—
 law, 10064
 reports, 8583, 11736
 electrowon, consolidation and mechanical properties, 9387
 etching process mills Ph 14-8 Mo alloy steel to precise tolerances, 10984
 high-purity, preparation by molten salt electro-refining, 17859
 high temperature protective coatings for, 1295
 minerals yearbook chapter, 15019
 oxidation at temperatures at which its trioxide is volatile, 6472
 report, monthly, 3207
 Ti-SAl-1Mo-1V sheet, fatigue behavior, 1190
 tungsten alloys, vapor deposition, 17862
 winning, influence of repetitive electrolysis, 16579
 Molybdenum trioxide, oxidation of molybdenum at temperatures at which its trioxide is volatile, 6472
 Molzon, Arnold E., electrical properties of plastic materials, data from technical conference search, 4259
 Moments:
 and reactions of rectangular plates, 9640
 beam and plate vibration in bending modes using lumped parameters, mathematical model, 9518
 bending, truss-core sandwich cylinder loaded to failure, test, 4916
 gravity-gradient, use for removal of momentum from spacecraft system 7844
 periodic, on screw propeller, determination, USSR study, 1048
 Moments of inertia:
 and damping of liquids in baffled cylindrical tanks, 6334
 complex plane figures, instrument calculates, 13742
 Momentum, *see* Motion.
 Monaural vs. binaural discrimination for filtered CNC materials, 5330
 Le Monde (periodical):
 French-Russian relations, discussion, 2170
 index, 3054
 Monel metal, copper-monel, electron beam welding facilitated by circular magnetic shields, 11009
 Monetary policy, *see* Money.
 Money:
 banking and monetary statistics, 11946
 circulation statement, 2749
 code of Federal regulations, 7400
 current monetary and fiscal developments (remarks), 5955
 demand deposits, currency, etc., 2848
 dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, State Dept., and other Government agencies, GAO report, 14728
 Federal reserve portfolio, statements, 4041
 FHA and FNMA in current money market, hearing, 5686
 flow of funds—
 seasonally adjusted, 1962-65 data, 729
 seasonally adjusted, 1963-65 data, 5956
 unadjusted, 1962-65 data, 730
 unadjusted, 1963-65 data, 7419

Money—Continued
 foreign currencies—
 instruction to travelers on use, 16987
 overseas expenditures and transactions, regulations governing reporting, 12547
 reservations and currencies, 16879
 U.S.-owned, in Poland and Yugoslavia, report, 17353
 U.S.-owned, utilization, hearings, 514
 foreign exchange rates—
 monthly, 2989
 weekly, 2990
 international monetary arrangements (statement), 14053
 international monetary system, its evolution and problems ahead (remarks), 1513
 key problems in maintaining monetary stability (remarks), 5957
 know your money, 1454
 managing our monetary affairs (remarks), 732
 monetary policy and allocation of commercial bank credit (remarks), 14637
 monetary policy and U.S. balance of payments (remarks), 16281
 monetary policy in high employment economy, strategy (remarks), 16286
 monetary policy in prosperous economy (remarks), 4390
 monetary policy, savings competition, and commercial bank lending behavior (remarks), 11947
 monetary system, consolidated condition statement, 2694
 monetary tools and capabilities (remarks), 733
 money worries? credit union can help, general information, 695
 monitoring monetary policy (remarks), 16282
 open market rates and bond prices, monthly, 3294
 recent credit and monetary developments, 14638
 recent monetary developments (remarks), 16283
 reserved foreign currencies, use in lieu of dollar for current expenditures, reports, 7188, 17230
 scene (remarks), 8924
 special foreign currency science information program, 1965 list of P.L. 480 translations in process, 6978-79
 supply series, revision, 17662
 time deposits in monetary analysis, 2028
 tomorrow's money as seen today (remarks), 16287
 treasury notes payable in foreign currency, report, 17521
 unfit for circulation, verification and destruction—
 hearing, 7127
 subcommittee report, 7128
 updating international monetary system (address), 6682
 see also Dollars—Inflation (finance)—Public funds.
 Money-saving main dishes, 11352
 Mongolia:
 coal industry, USSR study, 14865
 Inner, Alashan Desert, region types, 16495
 mineral industry, minerals yearbook chapters, 1133, 16563
 translations, 3609
 Monitoring:
 ac ground, phase, and neutral wires, 2-light circuit for continuous monitoring, 7808
 cardiovascular, NASA contributions, 15084
 dry electrodes for physiological monitoring, 11052
 effects of knowledge of results and differential monetary reward, 3794
 MAMOS system under IBSYS for IBM 7090/7094, 10955

Monitoring—Continued
 phonocardiograph system monitors heart sounds, 9466
 solid state detectors monitor relay contacts, 15126
 supercircular entry guidance concept designed for maximum capability, 17926
 system monitors discrete computer inputs, 15119
 wide-range temperature, and compensating networks in scientific satellites, new design approach, 16681
Monitors (aeronautics):
 aerial radiological monitors, handbook, 15621
Moniz, W. B., NMR analysis of mixed pentaerythritol dipentaerythritol, and trimethylpropane esters, 1383
Monkeys:
 administration of methicillin on monkeys, USSR study, 10753
 and their human handlers, staphylococci isolated, phage type and antibiotic sensitivity, 8207
 colony management, 11384
 Macaca mulatta, postirradiation creatinuria, 14190
 rhesus, antigen-antibody responses, freeze-preservation of erythrocytes, 95
 test, anesthetized by routine procedure, 1208
Monlevade quadrangle, Brazil, geology and mineral resources, 12018
Monographs, Soviet, selected bibliography, 12846
see also names of departments, etc., issuing monographs—*also* subjects.
Monomers:
 acrylic, impregnation of wood, 12683
 thermosetting, valve seat pores sealed with, 13757
Monomolecular films, adsorption of surface-active material at surface of sea-water samples from Bay of Panama, 6544
Monomoy National Wildlife Refuge, general information, 11974
Monomycin in infectious foci, administration of polyvinylpyrrolidone for prolongation of effect, USSR study, 6124
Monongahela River, navigation conditions at Locks and Dam no. 4, 16250
Monopolies:
 antitrust laws—
 administration, investigation—
 authorization, report, 4187
 report, 17461
 subcommittee activities, report, 16100
 electricity, exempt contracts dealing with sale or exchange, interconnections or power pooling arrangements, hearings, 17576
 dual distribution, Clayton act, amend to prohibit vertically integrated companies from engaging in discriminatory practices, etc., hearings, 5817
 economic concentration, hearings—
 concentration and efficiency, hearings, 1943
 print additional copies, report, 558
 income tax treatment of treble damage payments under antitrust laws, staff study, 535
Monotonic magnetostriction for nonferromagnetic materials, 16674
Monroe, John A.:
 copper industry report, annual statistical supplement, 12691
 copper, quarterly industry report, 2798
Montague, William E., effects of knowledge of results and differential monetary reward on 6 uninterrupted hours of monitoring, 3794

Montana:
 Cascade County Soil and Water Conservation District, field stripping and farmstead windbreaks (colored poster), 9685
 Christmas trees exported, 1964, 796
 climatological data, 2751
 congressional districts, 90th Congress, 15600
 county business patterns, 17001
 electric rate book, 713
 Indians, general information, 14765
 life tables, 18034
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 medical assistance for the aged, under social security act, 11905
 mineral industry, minerals yearbook chapter, 1134
 precipitation data, hourly, 3045
 soil survey laboratory data and descriptions, 16840
 water supply outlook and snow surveys, 3690
 Williston basin, oilfields, 13672
Montauk Point, N.Y., to Manasquan, N.J., coastal warning facilities chart, 15419
Monte Carlo method:
 approach to touchdown dynamics for soft lunar landing, 1279
 interpretations of sphere transmission experiments for capture cross sections, 11080
Monteagudo, Maria Y. R. Miranda y, *see* Miranda y Monteagudo, Maria Y. R.
Montelius, Marjoria, working with groups, guide for administration of group services in public welfare, 14588
Monterey, Calif., *see* Naval Postgraduate School, Monterey.
Monterey County, Calif., geology, 13398
Monterey Harbor, surge-action model, feasibility study, 8861
Montero-Novoa, Angel, relief, 11706
Montgomery, Ala., wholesale food distribution facilities, 11358
Month-end storage in major reservoirs in Pacific Northwest, 3543
Monthly:
 NOTE.—For all publications which begin with the word "Monthly", *see* subject, or name of department, etc., issuing publication.
Months, *see* American History Month—Federal Land Bank Month—Steelmark Month—Water Conservation Month—*also* names of special months.
Montoursville, Pa., aircraft accident, 15613
Montrose, geology and uranium-vanadium deposits of La Sal quadrangle, 7486
Moody, R. C.:
 edgewise compressive strength of corrugated fiberboard as determined by local instability, 5992
 effect of loading rate on edgewise compressive strength of corrugated fiberboard, 10565
Moody, W. T., moments and reactions for rectangular plates, 9640
Mook, Paul V., heart rots of balsam fir, 14695
Moon:
 ability of pressure-suited subjects to perform lunar scientific tasks, 1239
 craters, inapplicability of Baldwin's correlation to determination of causes, USSR study, 4639
 exploration and science, NASA 1965 summer conference, 2371
 exploration, USSR, 17761
 first cosmonauts on the moon, USSR study, 2184

Moon—Continued
figure and motion, USSR studies, 9122
gravitational field, error analysis of weighted least squares process to determine, 17923
gravity, simulated, effect on man's gaits, 12339
illusion, effect of luminance, 1626
landings—
altitude and descent rate for safe abort during terminal phase, 13830
research vehicle, dynamics study, 9403
Surveyor I, preliminary report, 12283
lunar charts—
AIC 58C, Gambart, 86
AIC 58D, Reinhold, 87
AIC 59C, Triesnecker, 8196
AIC 59D, Pallas, 8197
AIC 60C, Arago, 14180
AIC 60D, Agrippa, 88
AIC 61D, Maskelyne D., 14181
AIC 77A, Flammarion, 89
AIC 79A, Capella, 14182
LAC 43, Macrobius, 84
LAC 44, Cleomedes, 6802
LAC 92, Byrgius, 8195
LAC 97, Fracastorius, 85
LAC 98, Petavius, 14179
RLC 6, Hypatia, 14186
RLC 7-9, Sabine, 14186
RLC 13, Ptolemaeus, 14187
RLC 14-17, Alphonsus, 14187
lunar descent, guidance scheme based on linear perturbation theory, 2430
lunar effects on motion of close earth satellites, analysis, 13845
lunar exploration, space suits, bioenergetics, 10975
lunar landing—
iterative guidance mode, 1246
touchdown dynamics, Monte Carlo approach, 1279
lunar orbits, visual simulation of ability of pilot to establish using simplified guidance technique, 15154
lunar structures as deduced from Muong Nong tektites, 15172
lunar surface, panoramic views, 16710
man's self-locomotion capabilities with space suit in lunar gravity, exploratory study, 12332
manual abort guidance from midcourse region of lunar mission, 11051
mastering of moon by man, USSR study, 12184
midcourse navigation and guidance system using optimal filtering and linear prediction, effect of reduced computer precision, 7890
observations, composition of lunar surfaces, etc., 12375
observations made with 6-inch transit circle 1949-56, 6518
pacing systems of Apollo program, 1868
personnel propulsion devices for use in vicinity, 4822
physics, characteristics, exploration, etc., papers, 1243
problem, Hansen's coordinates, development by method of iteration, 7887
Project Ranger, NASA facts, 1193
Ranger VIII, photographs, 12280
Ranger IX, photographs, 12281
return from moon to specific landing site, midcourse guidance, 6461
satellite, estimating orbital elements, 4911
seismic studies, problems, USSR study, 6104
sensitivity of short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271

Moon—Continued
surface—
fluidization processes under lunar conditions, 17881
use of penetrometers to determine capability of dust materials to support bearing loads, 4946
unmanned exploration, Project Surveyor, report of Subcommittee on NASA Oversight, 530
view from Ranger, 12277
Mooney, James E., commendation, 8670
Moore, Billy J., analyses of natural gas of United States, 15011
Moore, Edwin W.:
effects of motion sickness on dynamic characteristics of responses to coriolis stimulation, 100
responses to coriolis stimulation in flying personnel, 9873
Moore, Harry H., distribution of fishes in U.S. streams tributary to Lake Superior, 780
Moore, J. Cordell:
remarks—
Oct. 25, 1965, 849
Feb. 18, 1966, 6061
Mar. 1, 1966, 6060
Mar. 29, 1966, 7511
July 19, 1966, 13433
Sept. 8, 1966, 14769
Moore, R. A., recent developments in dairy cattle nutrition, 9779
Moore, W. E., spreader for preparation of uniform plates for thin-layer chromatography, 8954
Moore, William R., defending United States from nuclear fire, 16320
Moorehead City, N.C., port, 13294
Moose River and Valley, synclinorium, paleozoic gastropods, 17721
Moosehorn National Wildlife Refuge, mammals, list, 4419
Mora, Antonio Gonzalez-, *see* Gonzalez-Mora, Antonio, and wife.
Morad, Ali Haji-, relief, 17456
Moraes, Joao B. Mascarenhas de, Brazilian Expeditionary Force by its commander, 9356
Moralnes, mode of uplift of McMurdo Ice Shelf, Antarctica, of fish and fossiliferous moraines, 5344
Morale, aircrew, factors affecting, 15490
Morbidity:
morbidity and mortality weekly report, 3225
smallpox, throughout world in 1960-64, data, 6223
see also Diseases of animals.
Moré language, Foreign Service Institute basic course, 14031
Morelle, Wilellyn, merchant and dealer credit in agriculture, 8923
Morgan, Reese R.:
agricultural chemicals, 3894
cleaning and toilet products, 5442
drugs, 6901
industrial inorganic and organic chemicals, 8333
miscellaneous chemical products, 3895
paints and allied products, and gum and wood chemicals, census of manufactures, 1963, industry statistics, 6902
plastics materials, synthetic rubber, and man-made fibers, 3893
rubber and miscellaneous plastics products, 6904
Morgan, Roy L.:
addresses, etc.—
Nov. 5, 1965, 325
Nov. 9, 1965, 326
Nov. 10, 1965, 327
Nov. 15, 1965, 328
Nov. 17, 1965, 1779
Nov. 19, 1965, 352

- Morgan, Roy L.—Continued addresses, etc.—continued
 Dec. 9, 1965, 324
 Dec. 14, 1965, 1768
 Mar. 7, 1966, 5542
 Apr. 4, 1966, 6996
 Apr. 19, 1966, 8420
 Apr. 25, 1966, 8434
 Apr. 28, 1966, 8419
 May 25, 1966, 10035
 May 26, 1966, 10034
 May 27, 1966, 10043
 June 29, 1966, 11525
 July 20, 1966, 12787
 July 21, 1966, 12791
 Aug. 8, 1966, 12769
 Aug. 9, 1966, 12793
 Aug. 11, 1966, 12792
- Morgan, William C., comparison of experimental and theoretical stresses at mismatch in circumferential joint in cylindrical pressure vessel, 16676
- Morgan City, Fla., to Apalachicola, coastal warning facilities chart, 7340
- Morgan County, Ga., soil survey report, 5149
- Morning, John L.:
 chromium, 16555
 molybdenum, 15019
- Morocco:
 Army area handbook, 11401
 background notes, 1484, 18112
 economy, basic data, 12783
 mineral industry, minerals yearbook chapter, 7699
- Morphology:
 aquatic mammals, USSR study, 14921
 normal and pathological, Rumanian national conference on problems, 14842
 problems, USSR study, 14825
- Morrell, Lester G.:
 mineral industry—
 Australia, 6295
 British Solomon Islands, Christmas Island, Fiji Islands, Makatea, Nauru and Ocean Islands, New Caledonia, New Hebrides, and Papua and New Guinea, 6297
 Canada, 7689
 Greenland, 2325
 New Zealand, 6303
 North America, regional review, 6309
 South Pacific, regional review, 6310
- Morris, A. C., jr., low-background whole-body counting facility design, 6857
- Morris, Dolores G., convey land to, 17088, 17416
- Morris, Garland J., response of turbojet, etc., airplane to runway roughness, 4919
- Morris, Gwilym L., estate, convey land to, 17088, 17416
- Morris, James F.:
 calculations of thermal, field emission for terminated image potential, 6354
 energy transport by thermal field emission, 11070
- Morris, Joe P., use of diphenyl ether calorimeter in determining heat of fusion of iron, 6315
- Morris, Odell A., wind-tunnel investigation of sonic-boom characteristics of delta-wing-body combination, etc., 11075
- Morrison, D. G., procedures for establishment of public 2-year colleges, 13280
- Morrison, Harold, generic names of scale insects, 16931
- Morrison, Warren E., review of mineral-fuel industries, 2357
- Morriss, E. Frances, statistics on cotton and related data, 1925-62, supplement 1965, 64
- Morro Rock Lighthouse Reservation, portion conveyed to California, remove restriction, law, 11587
- Morse, C. Robert, effect of projectile size and material on impact fracture of walls of liquid-filled tanks, 16688
- Morse, Mary F., relief, 5625, 5570
- Morse, Peter, Rembrandt's etching technique, 9566
- Morse, Wayne, visit to Japan, India, Pakistan, Afghanistan, and Israel by Senate delegation, report, 5811
- Morsh, Joseph E., evolution of job inventory and tryout of task rating factors, 6808
- Mort, Kenneth W.:
 longitudinal aerodynamic characteristics of M2-F1 lifting body flight vehicle, 6468
 performance characteristics of 4-foot-diameter ducted fan at zero angle of attack for several fan blade angles, 2416
- Mortality, *see* Death.
- Mortgage insurance:
 dealers and individuals subject to certain sections of title 1, National housing act, list, 5934
- FHA—
 project, FHA regulations, amendments, 2016, 4376, 5937, 8898, 11919-921, 16271
 quick guide for buying a home, 13322
 rental and cooperative housing for families of low and moderate income, consumer bulletins, 4372, 11916
 value costs and maximum amounts, 14630
- FHA and FNMA in current money market, hearing, 5686
- FHA and home-buying serviceman, 13319
- FHA approval for high-rise multifamily housing project, Newark, N.J., GAO report, 6003
- FHA approval for housing project for elderly—
 Fort Worth, Tex., GAO report, 6021
 Houston, Tex., GAO report, 6022
- FHA homes—
 area trends, 4371, 10473
 consumer bulletins, 2015, 11917
 Spanish edition, 7368
 financing for home purchases and home improvements, consumer bulletins, 5935, 14629
 regulations, amendments, 4374-75, 5936, 7367, 8897, 11918
 State trends, 4377, 10475
- group medical and dental practice facilities, constructing and equipment—
 hearings, 8659
 reports, 13188, 14388, 15897, 17202, 17241, 17336
 summary of House bill, 8664, 13023
- guaranty companies, reserve funds, tax treatment, report, 17536
- housing digest, 7364
- minimum property standards for urban renewal rehabilitation, 16272
- nursing homes, FHA program, 13321
- repair practices rel. to single-family properties acquired by FHA, GAO review, 12005
- title 10, FHA land development handbook, 11922
- VA loan guaranty program, purchase of title insurance on properties acquired in Florida, GAO review, 12004
- see also* Federal ship mortgage insurance fund—Forbearance.
- Mortgages:
 amortization and insurance, premium tables, 8895
- farm—
 debt by States, 1972
 lending experience of life insurance companies, 14547
- FHA appraised values and maximum amounts for 1-family residences, 4373

Mortgages—Continued

- home—
 - debt, estimated, quarterly, 2889
 - FHA trends, 2974
 - interest rates and terms, 3043
- nonfarm—
 - investments of life insurance companies, 1965, 14628
 - real estate foreclosure report, 3275
 - recording letter, monthly, 3226
 - sales of financial assets by Government agencies, submission of data, regulations, 14050
 - savings and mortgage activity, selected balance sheet items, 3010
 - savings and mortgage lending activity, 2674
 - ship mortgage bonds, sale to noncitizens—
 - hearings, 572
 - law, 446
 - stimulate flow of credit for FHA and VA assisted residential construction—
 - law, 17100
 - reports, 15846, 17217, 17464
- see also Loans.

Morton, James G.:

remarks—

- Mar. 24, 1966, 7012
- Sept. 13, 1966, 15653

Mosaic diseases, sugarcane virus, strains, 8170

Moscow People's University of Physical and Technical Knowledge, USSR study, 984

Moscow, Russian SFSR, blood transfusion under ambulatory conditions, USSR study, 7634

Moscow State University:

- molecular studies, Hungarian scientist reports, 12105
- news of geology, 13523
- specialists in meteorology, hydrology, and oceanography, training, 894

Moseley, Donald S., nonseparable solutions of Helmholtz wave equation examined for applications, 15523

Moseley, George W., investigation of splitter plates for aerodynamic separation of twin inlets, 7892

Moshos, George J., error analysis of binary rate multiplier, 2417

Moskal, B. J., sonic fatigue characteristics of aluminum viscoelastic panels, 9400

Moslems, see Mohammedanism.

Mosquitoes, extermination, use of bacteria, USSR study, 1000

Mosses:

- Spanish, cesium-137 binding characteristics, 2522
- surface, effect on frost penetration and trafficability in two peat-soil sites, 5981

Most delicious career, 10427

Motels, see Motor courts.

Mother tongue of foreign born, 5501

Mothers:

- maternal health needs and services, effects of recent demographic trends, 11484
- maternal mortality, U.S., 18082

Moths:

- genus *Haimbachia* Dyar with descriptions of new species (Lepidoptera, Crambidae), review, 2468
- gypsy, arming against, control, etc., 15472
- see also Bee moths—Clothes moths—European pine shoot moths—Gypsy moths.

Motion:

- angular momentum, removal from spacecraft momentum-exchange system, 7844
- compact actuator rotary to linear motion, 12307
- cross-channel transfer of linear momentum in smooth rectangular channels, 825
- deck motion simulator program, horizontal sinusoidal oscillation effects upon performance of standing workers, 16671
- deck, of aircraft carriers, determination, 1354

Motion—Continued

- figure and motion of moon, USSR studies, 9122
- induced motion, analysis, 7973
- vertical, effect on current meters, 17731
- see also Equations of motion—Movement (psychology).
- Motion pictures:
 - Agriculture Department—
 - bimonthly list, 2706
 - films for television, 9823
 - air pollution films, 11180
 - catalog of copyright entries, 17604
 - census of business, 1963, selected services, 1699
 - child life films, list, 276
 - civil defense catalog, 17029
 - Coast Guard films, catalog, 6990
 - copyrighted—
 - July-Dec. 1964, 598
 - Jan.-June 1965, 8793
 - films on aging, selected references, 5262
 - fire safety films, list, 14741
 - fishery, for TV, etc., 14655
 - Forest Service films available for educational purposes, list, 5971
 - Library of Congress catalog, 3147
 - medicine and allied sciences, film reference guide, 13963
 - National Aeronautics and Space Administration, 16 mm. film list, including film library locations and service areas, 12377
 - neurological and sensory disease, film guide, 13976
 - popular level (16mm), AEC catalog, 15552
 - professional level (16mm), AEC catalog, 11445
 - Public Health Service film catalog, 15299
 - shades of forgotten ancestors, Ukrainian film, comments, 9063
- Motion sickness:
 - effects on dynamic characteristics of responses to coriolis stimulation, 100
 - etiology, management, etc., 14189
 - pilots and nonpilots, speed of recovery from coriolis stimulation, 14194
- Motivation (psychology):
 - Federal employees through within-grade pay increases, 3981
- Motive power, see Power.
- Motley tolstolobiks, see Aristichthys nobilis Rieb.
- Motor ability, see Ability.
- Motor carrier decisions, see Interstate Commerce Commission.
- Motor carriers:
 - act of 1935, evaluation on 30th anniversary, 1934
 - certain employees, exemption from maximum hours, code of Federal regulations, 6694
 - class 1 and 2, cost of transporting freight, 17746
 - cost studies, general freight—
 - East-South territory, 6085
 - eastern-central territory, 6086
 - Middle Atlantic region, 6087
 - South-central territory, 7538
 - Southern region, 6088
 - employees, extending overtime provisions of fair labor standards act, 5222
 - for-hire motor carriers operating under agricultural exemption with regulated motor carriers, comparison, 16629
 - mail transportation, hearings, 11675, 14436
 - operating rights, I.C.C. reports consolidated index-digest, 867
 - passengers, certificates issued in future shall not confer right to special or charter operations—
 - hearing, 17387
 - report, 17302
 - property, class 3, selected statistics, 2143

Motor carriers—Continued
regulations to govern destruction of records, 6100
revenues, expenses, other income, etc.—class 1 carriers of passengers, quarterly, 3478
large carriers of property, quarterly, 3479
safety road-checks, Interstate Commerce Commission, 1964-65 data, 16386
transport statistics, 9059, 12087
see also Motor vehicle accidents.

Motor cases, *see* Rocket motor cases.

Motor courts, motels and tourist courts, census of business, 1963, selected services, 6885

Motor cycles, *see* Motorcycles.

Motor fuel:
storage tank linings, effects of anti-icing additive, 1369
taxation, highway, airway, and waterway user act of 1966, proposed legislation, technical explanation, 7168
see also Fuel—Gasoline.

Motor functions, coordination in man during muscular activity, USSR studies, 14824

Motor reactions, hypoxia and performance decrement, 15557

Motor trucks, *see* Motortrucks.

Motor vehicle accidents:
District of Columbia—
uninsured motorist coverage required part of liability policies, report, 16117
uninsured motorist, suspension of licenses, etc. report, 16118
investigation reports, 872-873, 6091-93, 7541, 9057-58, 10697, 12068, 13442-443
medical care and transportation of injured, 5130
property carrier, 1964, operating revenues, \$200,000 and above, 6079
traffic safety, Federal role, hearings, 4222, 10347, 13214

Motor vehicle operators:
driver's handbook, Air Force pamphlet, 74
driving occupations, employment outlook, 9232

Motor vehicles:
air pollution, clean air act, report of HEW to Congress, 7172
print as Senate document, report, 7190
and equipment—
census of manufactures, industry report, 3903
commodity transportation survey, shipper series, 221
Armed Forces members, transportation at Government expense, amend U.S. Code—
hearing, 14409
report, 12938
assistance for workers under automotive products trade act of 1965, 12196
automotive air pollution, semiannual report of HEW to Congress, print as Senate document, report, 13172
automotive service and repair equipment in Sweden, foreign market survey, 175
combat vehicles, maintenance, Army Dept., GAO review, 14736
construction and technology of production, USSR, 10728
contract service, savings available through more extensive use by Post Office Dept., GAO report, 809
emission of air pollutants, standards for controlling—
amendments, description, 2107
law, 396
employee earnings and hours at retail automotive dealers, 13613
equipment, manufacturing, employment outlook, 9306
Federal item identification guides for supply cataloging, supplements, 2932

Motor vehicles—Continued
highway and motor vehicle safety (address), 17053
Indian Affairs Bureau management, need for improvement, GAO report, 7468
leasing for use of Government contractors, Defense Dept., GAO review, 16348
manufacturing, employment outlook, 9306
mechanics, training in fundamentals of engine tuneup, instructor's guide, 12453
overhaul, specialized and centralized, USSR study, 2204
reducing number maintained in fleet, Soil Conservation Service, Department of Agriculture, GAO report, 10620
replacement and procurement program, Post Office Dept., GAO review, 14738
safety standards, establish—
hearings, 8769, 10251-252
law, 15741
reports, 12975, 14391, 16077
Tariff Commission report to Automotive Agreement Adjustment Assistance Board in case pertaining to Fram Corporation, 15387
tariff elimination, agreement with Canada, implementing, report, 490
tracked combat vehicles, military procurement, appropriations, 1966, supplemental—
hearings, 5797, 7117
law, 7031
reports, 5666, 7079, 7083
tracked combat vehicles, military procurement appropriations, 1967—
hearings, 8766, 10232
law, 11593
reports, 8644, 8744, 12930
transportation of privately owned vehicles on foreign-flag vessels, Military Sea Transportation Service, GAO report, 9004
used tires, rebuilding, savings that can be attained, GAO report, 12008
world production and registration, 3870

Motorbuses:
charter rights, incidental to grant of regular route authority does not confer right to engage in special or charter operations—
hearing, 17387
report, 17302
interstate, proration compact—
Conn., R.I., Vt., consent of Congress, law, 414
Massachusetts, consent of Congress, reports, 8563, 14453, 17347
sanitation, standards, handbook, 16794

Motorcycles, Federal item identification guides for supply cataloging, supplements, 2932

Motorists, knowledge of no smoking ordinance in southern California, 2066

Motors:
motor engine building, wasteful diversity, USSR study, 965
motors and generators, current industrial reports, 259
spin, Marc 36A1, 1-KS-75; for Scout vehicles, design, test and documentation, 4816
see also Electric motors—Torque motors.

Motortruck drivers, and helpers, union wages and hours, 13610

Motortrucks:
commercial-design, potential savings through improvement in management, Marine Corps, GAO report, 14732
industry report, monthly, 3228
inventory and use survey, 1963 census of transportation, 3908
see also Firefighting vehicles.

Motortrucks in freight service, operating bulk-feed trucks, costs and practices of selected cooperatives, 4351

INDEX 1966

- Moulds, Donald E.:
antimony, 14999
bismuth, 13670
- Mound City Group National Monument, general information, 12399
- Mount Desert Island Regional School District, Maine:
convey land to—
law, 17113
reports, 15911, 16111
- Mount Edgecumbe, Alaska, charges for Government-owned quarters, by Public Health Service, GAO review, 14735
- Mount Hermon School, East Northfield, Mass., carillon, duty-free entry, 17188
- Mount Jefferson, primitive area, mineral resources, 10636
- Mount McKinley National Park, general information, 17960
- Mount Rainier National Park, general information, 6513
- Mount Rainier volcano, Little Tahoma Peak, rockfalls and avalanches, 2092
- Mount Rogers National Recreation Area:
establish—
hearings, 4118
law, 10089
- Mount Vernon Memorial Highway, *see* George Washington Memorial Parkway.
- Mountain Park Project, construction, operate, and maintain, Interior Dept. report, 12855
- Mountain States, *see* Rocky Mountain States.
- Mountain winds, *see* Winds.
- Mountains, stability of ultrashort wave signals along medium range routes, USSR study, 7556
- Mounting bases:
mount makes liquid nitrogen-cooled gamma ray detector portable, 9455
optical-instrumentation mirror, mount enables precision adjustment, 9490
- Mounting facilitates removal and installation of flame-detector rods, 7803
- Mounting improves heat-sink contact with beryllia washer, 7798
- Mountings, *see* Mounting bases.
- Mourning doves:
hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
1965 status report, 10538
- Mouse, *see* Mice.
- Mouth:
astrostomatology, dental standards for selection and examination of space crewmen, 12641
cancer of, 13968
dental research, highlights, search for oral health, 5212
oral cancer—
control, 18065
guidelines on professional education projects, 5105
oral diseases, brief review of research studies, 5031
oral hygiene in adults, 12489
oral hygiene procedures in presence of tube-type diet, 12633
physiologic chemistry of human oral secretions, 9869, 11379
- Movement (psychology):
coordination of human voluntary movements during flight in outer space, USSR study, 7547
- Moving, *see* Transportation.
- Mowers, *see* Mowing machines.
- Mowing machines, power mowers, injuries and young workers, 10849
- Moyer, Forrest T.:
employment and injuries in fuel industries, 1109
employment and injuries in mineral industries, 2318
injury experience in coal mining, 4756
- Moynihan, M., display patterns of tropical American nine-primary songbirds, yellow-rumped tanager, 9649
- Mozambique (Portuguese East Africa):
mineral industry, minerals yearbook chapter, 6294
- MSI series, 2650, 3503-4
- Mucopolysaccharides, preparation, effect of prophylactic administration on hemopoiesis and survival of animals following X-ray irradiation, USSR study, 6221
- Muddy Bayou:
flood control, engineer report—
departmental edition, 4333
document edition, 4064
- Muerle, Gerhard F., timber harvest in California, 10612
- Mugiloididae, *see* Paraperla kamoharui.
- Mui Kim Chen Liang, *see* Liang, Mui Kim Chen.
- Muir Woods National Monument, general information, 6514
- Mukden, Manchuria, China, 39th Army operation, 1945, USSR study, 1065
- Mulching, plastic, effect on weed growth and early height growth of Honduras pine, 16327
- Mule Creek Oil Co., Inc., relief, 15696, 15788
- Mulford, Harold A., identifying problem drinkers in household health survey, 13999
- Mulligan, John J., tin-oxide investigations, Cape Mountain area, Seward Peninsula, Alaska, 6323
- Mullins, James A., determination of mean atmospheric densities during minimum solar activity by means of Explorer satellite, 11059
- Mullins, Paul V., vapor pressure of carbon dioxide at ice point, 10928
- Multicolor stroboscope pinpoints resonances in vibrating components, 11017
- Multi-disciplinary Conference on Domiciliary Care, report, 18134
- Multipactor action, space electronic systems, breakdown, 12264
- Multiple linear regression analysis of officer career attitudes, 3790
- Multiple sclerosis, progress in research, summary, 2461
- Multiplexing, and unified (integrated) switching system, application of pulse-code modulation (IKM) in building, USSR study, 926
- Multiplication, four-quadrant, circuit provides, accurately, 13766
- Multipliers, binary-rate, error analysis, 2417
- Multiples and multiple-connected pulse systems, USSR, 4615
- Multisurface fixture permits easy grinding of tool bit angles, 9478
- Multivariate processes, *see* Statistical processes.
- Mulvillill, R. J., probabilistic methodology for safety analysis of nuclear power reactors, 12684
- Mumford, Bessie C., list of intercepted plant pests, 6716
- Mumps, health information series, 18006
- Mundorff, James C.:
fluvial sediment and chemical quality of water in Little Blue River basin, Nebr. and Kans., 17728
sedimentation in Brownell Creek subwatershed no. 1, Nebr., 16363
- Municipalities, *see* Cities and towns.
- Munitions:
air, status, hearings, 10324
arms and armaments, PACAF basic bibliography, 12627
- Muniz y Sotolongo, Julio C., relief, 15819, 17440
- Munse, Albert R., State programs for public school support, 4318
- Muong Nong tektites, *see* Tektites.

- Muraca, Ralph J., empirical method for determining static distributed aerodynamic loads on axisymmetric multistage launch vehicles, 7833
- Murata, K. J.:
acid fumarolic gas from Kilauea Iki, Hawaii, 4523
chemistry of lavas of 1950-60 eruption of Kilauea Volcano, Hawaii, 7488
- Murder:
Murder International, Inc., murder and kidnaping as instrument of Soviet policy, hearing, 583
suspected, of anti-Bolshevist Ukrainian Kazimir S. Dzhugalo, 7611
- Murphy, Charles S.:
remarks—
Nov. 4, 1965, 286
Nov. 5, 1965, 287
Nov. 16, 1965, 285
Dec. 3, 1965, 1743
Jan. 12, 1966, 3959
Mar. 1, 1966, 5508
Mar. 25, 1966, 6949-50
Mar. 31, 1966, 6951
May 4, 1966, 8377, 8379
May 23, 1966, 9979
June 25, 1966, 11489
Sept. 21, 1966, 15617
Oct. 3, 1966, 15616
- Murphy, James L.:
do petroleum-based protective coatings add fuel value to slash? 10572
timber fuel-breaks and fuel moisture, 10582
- Murphy, James P., lunar and solar effects on motion of close earth satellites, 13845
- Murphy, Kathryn R., spending and saving in urban and rural areas, 2293
- Murphy, Newell R., measuring soil properties in vehicle mobility research, evaluation of rectangular hyperbola for describing load-deformation response of soils, 4339
- Murphy, Robert T.:
addresses, remarks, etc.—
Feb. 12, 1966, 3949
Apr. 27, 1966, 8376
June 23, 1966, 11490
Sept. 20, 1966, 14286
- Murphy, Thomas E.:
lock filling and emptying system, Holt Lock and Dam, Warrior River, Ala., 1993
outlet works, Cochiti Dam, Rio Grande, N. Mex., hydraulic model investigation, 4338
- Murray, Hugh S., stability of coupled-core nuclear reactor systems, 9421
- Murray, R. I., hydraulic downpull forces on large gates, 18088
- Murray, William M., jr., heat-transfer and pressure distributions on 60° and 70° swept delta wings having turbulent boundary layers, 16697
- Murzyn, Edward F., relief, 5750, 8449
- Musala Mountain Research Station, Bulgaria, cosmic ray research, 2207
- Muscat:
background notes, 16851
mineral industry, minerals yearbook chapters, 4775, 17846
- Muscat and Oman, sultanate, *see* Muscat-Oman.
- Muscatine, Iowa:
bridge across Mississippi River—
law, 12826
report, 13126
- Muscatine Bridge Commission:
construct bridge across Mississippi River near Muscatine, Iowa, and Drury, Ill.—
law, 12826
report, 13126
- Muscles:
coordination of motor and vegetative functions in man during muscular activity, USSR studies, 14824
electric impulses revitalize muscles, Yugoslavian study, 10804
glycogen of anesthetized dog, effects of hydrazine, 9864
somatic fibers, spread of injury in, USSR study, 14932
- Muscovite:
disposal of muscovite mica from national and supplemental stockpiles—
hearing, 10325
law, 10070
reports, 8585, 8753
- Muscular tension, *see* Tension.
- Muse, Dorothy, how to find U.S. Statutes and U.S. Code citations, 521
- Musen, Peter:
numerical theory of satellites with highly inclined orbits, 2408
on high order effects in methods of Krylov-Bogoliubov and Poincaré, 4907
- Museum of Comparative Zoology, Nearctic Trichoptera, notes, 6497
- Museums, cooperative assistance from National Museum, authorize, report, 10216
see also names of museums or places where located.
- Musgrave, John R., purification and crystallization of amorphous boron powder by zone refining, etc., 11436
- Musgrave, Paul W., aerospace medicine considerations in manrating space environment simulators, 15481
- Mushrooms, drum-dried powder, new product, 12584
- Music:
concert music by American composers, catalog, 1525
copyright for musical compositions, 7248
Indians, 4545
Library of Congress catalog, 12229, 16545
- Musical instruments:
and parts, census of manufactures, 1963, industry report, 3906
Federal item identification guides for supply cataloging, supplements, 2939
- Musical pitch, discrimination, practice effects, knowledge of results and transfer, 11155
- Musicians, occupations, employment outlook, 9257
- Muskegon, Mich., area wage survey, metropolitan area, 14972
- Muskegon Heights, Mich., area wage survey, metropolitan area, 14972
- Muskegs, *see* Peat bogs.
- Mussels:
certified shippers, lists, 2742
what you should know about them, 2545
- Muthard, John E., case load management for vocational rehabilitation staff, 2622
- Mutual assistance, *see* Military aid.
- Mutual defense, *see* Military aid.
- Mutual defense assistance control act of 1951, *see* Exports.
- Muzyka, Ann, optimum earth re-entry corridors, 6342
- Mycobacteriosis, *see* Tuberculosis in animals.
- Myers, Clifford A., yield tables for managed stands with special reference to Black Hills, 13373
- Myers, James W., ignition and control of burning of coal mine refuse, 9379
- Myers, Kathleen, first adjustment of employee-benefit health plans to medicare, 11230
- Myers, Kenneth H., facts for prospective farmers, 12599

INDEX 1966

Myers, Robert J.:
 comparison of actual experience under
 OASDI system with short range-cost
 estimates, 6603
 mortality study of charter beneficiaries,
 18098
 old-age, survivors, disability, and health
 insurance provisions, legislative history,
 2564
 Mylar, O-rings with Mylar back-up provide
 high-pressure cryogenic seal, 12319
 Mylerain, Walter E., public domain, 652
 Mylonas, C., exhaustion of ductility under
 notch constraint following uniform pre-
 straining, 14009
 Myocardial infarct, *see* Heart diseases.
 Mystic Shrine, *see* Ancient Arabic Order of
 Nobles of Mystic Shrine.
 Myung Hee Cho, *see* Cho Myung Hee.
 Myung Soon Cho, *see* Cho Myung Soon.

N

N.A.S.A., *see* National Aeronautics and
 Space Administration.
 N.A.T.O., *see* North Atlantic Treaty Orga-
 nization.
 N.B.S., *see* National Bureau of Standards.
 N.I.H., *see* National Institutes of Health.
 N.L.R.B., *see* National Labor Relations
 Board.
 N.O.L., *see* Naval Ordnance Laboratory,
 White Oak, Md.
 N.R.A.B., *see* National Railroad Adjustment
 Board.
 N.R.L., *see* Naval Research Laboratory.
 N.R.O.T.C., *see* Naval Reserve Officers Train-
 ing Corps.
 Nabokoff, Katherine, relief, 8529
 Nabrit, Samuel M., remarks, Oct. 8, 1966,
 16981
 Nace, Raymond L., remarks, Aug. 25, 1966,
 14753
 Nacelles, orientation effect on aerodynamic
 characteristics of arrow wing-body con-
 figuration, 6449
 Nachtsheim, Philip R., role of conductivity
 in hydromagnetic stability of parallel
 flows, 2428
 Nagel, A. L., hypersonic pressure and heat
 transfer tests on delta wings, 15047
 Nagle, George S., market for fireplace wood
 in urban area of Connecticut, 17700
 Nagy, John, thermal phenomena during ig-
 nition of heated dust dispersion, 13695
 Nahai, L.:
 mineral industry of France, 13689
 regional mineral industry, review of Eu-
 rope, 13690
 Nabas, Gabriel A., and wife, relief, 17073
 Nails and spikes, nail holding on field boxes,
 effects of preservative treatments, 4467
 Nakanishi, Shigeo, high-voltage isolation
 device for ion-thruster propellant feed,
 13838
 Nakano, Noriko S. Duke, *see* Duke (Nakano),
 Noriko S.
 Names (business), *see* Business names.
 Names (geographical), *see* Geographical
 names.
 Names (personal):
 index medicus, cumulated, 12394
 Nance, Paul K.:
 business management in selected colleges
 and universities, 8837
 guide to college and university business
 management, 1977
 Napa, Calif., commodity transportation sur-
 vey, production area series, 9959
 Narcotic habit:
 addicts in Public Health Service hospitals,
 treatment, rehabilitation, research,
 9028
 control and treatment of narcotic use,
 14079

Narcotic habit—Continued
 drug habit, big problem!, 10547
 narcotic addict rehabilitation—
 hearings, 11668, 13221
 reports, 10122, 16163, 17344
 Narcotics:
 abuse control amendments of 1965—
 FDA conference, proceedings, 10550
 report, 1911
 addicts in Public Health Service hospitals,
 treatment, rehabilitation, research,
 9028
 decisions, weekly report, 3623
 drug habit, big problem!, 10547
 prescribing and dispensing under Harrison
 narcotic law, 13705
 traffic, 15035
 Narragansett Bay:
 area, hurricane survey, engineer report—
 departmental edition, 11893
 document edition, 11613
 Narrow, Bernard G., computer program to
 evaluate effectiveness of PCM frame
 synchronization strategies, 7858
 NASA, *see* National Aeronautics and Space
 Administration.
 NASA EP series, 1192, 2370, 7750-51, 9443,
 10972-794, 12275-277, 15078, 17886-887
 NASA facts, 1193, 6350, 9444, 12278, 13720-
 721, 17888
 NASA SP series, 1194-1203, 2371-75, 4833-
 37, 6352-62, 7752-57, 9445-51, 10975-
 983, 12279-291, 13722-728, 15079-91,
 16619-622, 17889-891
 spring 1966, list, 7758
 NASA tech briefs, 1204-37, 2376-2403,
 4838-91, 6363-6410, 7759-7809, 9452-
 99, 10984-11045, 12292-331, 13729-800,
 15092-129, 16623-646, 17892-909
 indexes, 6356, 15083
 Nashville, Tenn., air resource management
 plan, 6577
 Nassau, Bahamas, harbor, rubble-mound
 breakwaters, stability, 679
 Nassau County, N.Y.:
 Roosevelt Field, air pollution measure-
 ments, 7989
 southern, salt water encroachment, 10648
 Nassau Harbor, improvements, optimum
 plan, 1992
 Natality, *see* Birth.
 Nation aroused, 8825
 National, *see* headings beginning National.
 National Academy of Sciences:
 report, 1962—
 departmental edition, 6327
 document edition, 5716
 National Advisory Board Council, Interior
 Dept., public land management, proceed-
 ings, 26th annual meeting, 10887
 National Advisory Commission on Food and
 Fiber:
 appropriations, 1967—
 hearings, 8648
 law, 15735
 reports, 8614, 13152, 17216
 National Advisory Community Health Com-
 mittee, medical rehabilitation, report to
 Surgeon General, 18061
 National Advisory Council on Education of
 Disadvantaged Children, report, message
 from the President, 11604
 National Advisory Council on Historic Pres-
 ervation, establish, report, 13148
 National Advisory Council on International
 Monetary and Financial Problems, reports,
 1797, 7053, 11612
 National Advisory Council on Medical, Den-
 tal, Optometric, and Podiatric Education,
 establish, law, summary, 4534
 National Aeronautics and Space Administra-
 tion:
 act of 1958, as amended, and related legis-
 lation, staff report, 7200
 administrative history, 13728

National Aeronautics and Space Administration—Continued
 Ames Research Center, Moffett Field, Calif., automatic data processing equipment, planning and utilization, GAO report, 10621
 appropriations, 1967—
 hearings, 8651, 13193
 waive all points of order against provisions contained under heading NASA, report, 10125
 appropriations, 1967, authorization—
 hearings, 7164, 7199, 8683
 index, 11683
 law, 17096
 reports, 8609, 8623, 11737, 12964
 careers in aerospace technology, guide, amdt., 5517
 conference on V/STOL and STOL aircraft, Moffett Field, Calif., 9447
 contractor report CR (series), 1179-91, 2358-69, 4804-32, 6328-49, 7721-48, 9390-9442, 10936-970, 12264-274, 13707-719, 15037-77, 16589-618, 17872-884
 contributions to cardiovascular monitoring, 15084
 deputy administrator, nomination of Robert C. Seamans, Jr., hearing, 4208
 EP series, 1192, 2370, 7750-51, 9443, 10972-974, 12275-277, 15078, 17886-887
 film list, 16mm., including film library location, map and service areas, 12377
 historical sketch of NASA, 2370
 index to management issuances, policy directives, management instructions, 1178
 installations, master planning—
 hearing, 5708
 interim report, 5634
 Inventions and Contributions Board, petitions for patent waiver, findings of fact, etc., 7904
 missile and space ground support operations—
 hearings, 7148
 report, 7096
 NASA contractors trim cost, 7749
 NASA directory of services for public, 17885
 NASA facts, 1193, 6350, 9444, 12278, 13720-721, 17888
 NASA/MOTS optical observations of ANNA 1B satellite, 4923
 NASA 1965 summer conference on lunar exploration and science, 2371
 NASA University Program Review Conference, proceedings, 1197
 NASA's scientific and technical information system, how to use, 7720
 Nimbus spacecraft, design, integration, and test scheduling aspects, GAO review, 17714
 press releases, 3389
 procurement—
 annual report, 1965, 1175
 directive, 2231
 regulations, 3232, 6351
 publications, educational, list, 10971
 scientific and technical reports for 1965, selected listings, 12290
 scientific satellites, telemetry processing, 13806
 semiannual report—
 departmental edition, 1287, 9550, 17933
 document edition, 467, 8503, 17173
 short-term frequency stability, IEEE-NASA symposium on definition and measurement, Nov. 23-24, 1964, proceedings, 1196
 SP series, 1194-1203, 2371-75, 4833-37, 6352-62, 7752-58, 9445-51, 10975-983, 12279-291, 13722-728, 15079-91, 16619-622, 17889-891
 spring 1966, list, 7758

National Aeronautics and Space Administration—Continued
 Space Science Board, space science and applications programs, 12378
 special publications, spring 1966 list, 7758
 Surveyor Project, development of certain scientific instrument, GAO review, 10626
 tech briefs, 1204-37, 2376-2403, 4838-91, 6363-6410, 7759-7809, 9452-99, 10984-11045, 12292-331, 13729-800, 15092-129, 16623-646, 17892-909
 indexes, 6356, 15083
 technical memorandums, 1238-40, 2404, 4892-95, 7810, 9500-1, 15130, 16647, 17910
 technical notes, 1241-80, 2405-37, 4896-4982, 6411-70, 7811-95, 9502-43, 11046-79, 12332-369, 13801-846, 15313-201, 16648-707, 17911-931
 technical reports, 2438, 4983-86, 6471-72, 7896-98, 9544, 11080-81, 12370-373, 13847-848, 15202, 16708-709, 17932
 technical translations, 1281-86, 2439-48, 4987-5001, 6473-74, 7899-7902, 9545-48, 11082-83, 12374-376, 13849-850, 15203, 16710
 Technology Utilization Division, publications selected listing, 9549
 technology utilization program, 7903
 National Aeronautics and Space Council, appropriations, 1967, hearings, 8651, 13193
 National Agricultural Library:
 agricultural/biological subject category list, 7905
 appropriations, 1967, hearings, 8648, 11787
 Chinese agriculture prior to 1949, publications, list, 17935
 library list (series), 11086, 15204-205, 17934-935
 National Air and Space Museum:
 name, construct, etc.—
 law, 12834
 report, 13135
 National Air and Space Museum Board, establishment, law, 12834
 National Air Museum:
 change name, etc.—
 law, 12834
 report, 13135
 National Airlines, Inc., emergency board report, 13284
 National apprenticeship program, 15500
 National Archives and Records Service:
 activities, report, 1757
 age and citizenship records, 7906
 microfilm publications, list, 7907
 publications, lists, 1289, 13853
 National Association of Letter Carriers, AFL-CIO, agreement with Post Office Department, 16779
 National Association of Post Office and General Services Maintenance Employees, agreement with Post Office Department, 16779
 National Association of Post Office Mail Handlers, Watchmen, Messengers, and Group Leaders, AFL-CIO, agreement with Post Office Department, 16779
 National Association of Special Delivery Messengers, AFL-CIO, agreement with Post Office Department, 16779
 National banking review, journal of policy and practice, 3233
 National banks:
 administrator, report, 1964—
 departmental edition, 1781
 document edition, 1794
 National Brucellosis Committee, 1965 proceedings, 14
 National Bureau of Standards:
 applied mathematics series, 7908
 crystal growth and characterization, research, 16716

INDEX 1966

- National Bureau of Standards—Continued
Electrochemical Analysis Section, Analytical Chemistry Division, progress report, 16717
handbooks, 1291, 5004-5, 7910-11
information and data centers, services available, 1292
journal of research, 3100-3, 16713, 17937-938
Library, periodicals and serials received, 12384
measure for progress, history, 13858
measurement philosophy of pilot program for mass calibration, 11097
Microchemical Analysis Section, Analytical Chemical Division, summary of activities, 16719
miscellaneous publications, 1293-94, 5006-7, 7913-16, 9552, 11090-91, 12383-384, 13858, 16714, 17939
monographs, 2451, 5008, 7917, 12385, 15206-207
national standard reference data series, 11092, 13859, 17940
national standard reference data system, status report, 11098
physical constants recommended by NAS-NRS, adopted by NBS, 5006
publications newsletter, 3257
reference data system, information handling, 12387
report, 1965 fiscal year, 12386
research and development, review of Government reports, 1295-96, 6476, 7918, 11093-95, 15208
Spectrochemical Analysis Section, activities, annual report, 16718
standard frequency and time services provided by radio stations WWV, WWVH, WWVB, and WWVL, 9552
standard reference materials, 1293-94, 16714
catalog and price list, quarterly insert sheets, 11090
homogeneity characterization of spectrometric standards for cartridge brass and low-alloy steel, 5007
technical highlights, 12386
technical information service, regional distribution of Government, R & D information, 2453
technical news bulletin, 3573
technical notes, 1297-1300, 2454-55, 5010-19, 6477-80, 7919-22, 9553-56, 11096-100, 12387, 13860-868, 15209-211, 16715-720, 17941-945
technical publications, 13869
National Cancer Institute:
journal, 3099
monographs, 5030, 6486, 7931, 15289
National Capital, *see* Capital of United States.
National Capital Housing Authority, appropriations, 1967, hearings, 8651, 13193
National Capital Open Space Program:
law of open space, 1302
planning report, 17946
technical report, 1302
National Capital Planning Commission:
appropriations, 1967—
hearings, 7113
law, 10086
reports, 8592, 10281
National Capital Regional Planning Council:
abolish—
hearing, 14425
message from the President, 12858
report, 15918
regional development guide, 15213
National Capital Transportation Agency:
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10160, 10281
National Capital Transportation Agency—Continued
transfer functions—
hearings, 15983
message from the President, 15783
reports, 15891, 16107
National cemeteries:
data, 11686
national policy on provision of grave sites for veterans, etc., hearings, 13062
National Center for Health Statistics:
life tables, 1959-61, data (series), 18008-58
training program for college graduates majoring in mathematics, statistics, or social sciences, 8003
National Citizens' Commission on International Cooperation:
report of Committee on—
Aviation, 1544
Education and Training, 1545
Health, 1546
Manpower, 1547
Science and Technology, 1548
Technical Cooperation and Investment, 1549
Urban Development, 13022
Youth Activities, 1550
National Citizens Committee, bulletin (periodical), 3234
National Clearinghouse for Mental Health Information, international bibliography on crime and delinquency (periodical), 3074
National Clearinghouse for Poison Control Centers, bulletins, 3235
National Collegiate Athletic Association, NCAA-AAU dispute, hearings, 1933
National Commission on Food Marketing:
appropriations, 1966—
law, 418
reports, 498, 13870
technical study series, 13871, 15215-218, 16722-733, 17947-949
National Commission on Hazardous Household Products, create, report, 16121
National Commission on Older Workers, establish, hearings, 13029
National Commission on Reform of Federal Criminal Laws, establish, report, 15883
National Committee on Vital and Health Statistics, *see* United States National Committee on Vital and Health Statistics.
National Community Senior Service Corps, provide, hearings, 17589
National Conference of Fruit and Vegetable Bargaining Cooperatives, 9th proceedings, 4353
National Conference on Education of the Disadvantaged, proceedings, 13275
National Conference on Peaceful Uses of Space, 5th, proceedings, 13723
National Conference on Weights and Measures:
organization and procedure, 5009
report, 7914
National Council for Scientific Research, Rumania, law on establishment, organization, and functions, 6225
National Council of Field Labor Lodges, agreement with Labor Department, 17798
National Council on Marine Resources and Engineering Development, establish, report, 10166
National Cultural Center, *see* John F. Kennedy Center for Performing Arts.
National Data Center, establish, proposal, hearings, 14422
National debt, *see* Public debt.
National defense:
agreement with—
Canada, 5173, 9725, 9727
China, 14032
Federal Republic of Germany, 2588, 6651

National defense—Continued
agreement with—continued
Paraguay, 15359
Saudi Arabia, 5155
Air Force aerospace capabilities, 101
airline strike impact on defense posture,
hearing, 14411
application of statistics to resource man-
agement program (paper), 657
ASCS activities, 6729
code of Federal regulations, 7401-2, 5913-
14, 10494, 11931, 11938-940
defense industry bulletin (periodical),
2644
defense logistics management training
catalog, change, 5796
education act of 1958—
graduate fellowships, 1963-67, graduate
programs, 4312
language development program, re-
search completed, etc., list, 1979
NDEA institutes for advanced study,
summer 1966 and during 1966-67,
5534A
student loan program, college-work-
study program and list of participat-
ing institutions, 1965-66, 7316
title 2—
improvement of instruction through
NDEA, 5576, 11574
non-profit private schools, loans for
equipment, 4309
title 11, institutes under, preparing pro-
posals, manual, 5577
implications of reduced defense demand
for electronics industry, 110
measuring effectiveness of damage systems
criteria (paper), 655
merchant marine in national defense,
policy and program, 4003
mobilization, report, 4164
PARM, introduction to post-attack re-
covery planning system, 659
preparedness program, investigation, hear-
ings, 11791
procurement, priorities and allocations
system to support industrial needs (re-
marks), 15655
publications, price list, 16759
reduced defense spending, community
adjustment, 14207
role of NREC in emergency preparedness
(paper), 660
United States policies, 14330
print as House document, report, 10066
world-wide defense expenditures, and
economic data, 5297
see also Civilian defense—National se-
curity.
National defense education act, see Educa-
tion.
National economy, see Economic conditions.
National electric rate books, 708-724, 2021-
23, 3238, 4353, 10480-482, 11925-929,
13324-326, 16274-276, 17656-659
National Elk Refuge, mammals, list, 4418
National emergency standby regulations and
instructions, personnel and manpower,
FPM supplement, 17041
National Endowment for Humanities, chair-
man, nomination of Henry Allen Moe,
hearing, 7229
National Exhibition of Prints held at Library
of Congress, catalog, 9343
National Export Expansion Council:
reports—
Action Committee on Export Financing,
7003
Action Committee on Ocean Transporta-
tion and Freight Rates in Relation to
Export Expansion, 7005
Action Committee on Taxation, 7013
National Farm Safety Week, July 24-30,
1966, 11364
National Federation of Post Office Motor
Vehicle Employees, AFL-CIO, agreement
with Post Office Department, 16779

National Flag Week:
designate—
law, 11552
report, 5807
National Foreign Policy Conference for Edu-
cators, education for world responsibility,
excerpts from addresses, 16355
National Forest Reservation Commission re-
port, 1965, 4159
National forests:
America's playgrounds—
camping facilities, 5153
skiing, 3769
areas, June 30, 1965, 10559
code of Federal regulations, 10505
facts, 10590
fire report, 2056
land exchanges, cash equalization, hearing,
11649
map of United States showing national
forests, 12651
announcement and order form, 17399
Michigan and Wisconsin, Salsobarris
cancer, 13570
recreation, use estimate on complex of de-
veloped sites, 16322
reforestation and stand improvement proj-
ects, economic evaluation, 9513
stumpage prices for sawtimber sold (pe-
riodical), 8545
summer-home sites, adjustments in fees,
GAO report, 4497
timber measuring in Pacific Northwest,
GAO report, 7476
timber sale accomplishments, 14697
work of Uncle Sam's forest rangers, 1582
see also names of forests.
National Foundation on Arts and Human-
ities:
act of 1965—
amend, hearings, 17371
summary, 4537
appropriations, 1967—
hearings, 7113, 5768
law, 10086
reports, 5592, 10120, 10281
financial assistance for strengthening in-
struction in elementary and secondary
schools, 5843
questions and answers, 1967, 1961
National Gallery of Art:
appropriations, 1967—
hearings, 7113
report, 10160
National Guard:
ability of personnel and equipment, opera-
tions pamphlet, 1306
Army—
B-1 training, administrative instruc-
tions, 7923, 11162
personnel accounting, reports, change,
2456
radio, 13873
technician program, job descriptions,
pamphlet, 11103
technicians, manning criteria, 5023,
7923, 12391
U.S. property and fiscal officer, duties
and responsibilities, NGB pamphlet,
5021, 7924
competitive marksmanship, training pro-
gram, 1304, 12355
service practice on-site air defense units,
1305
technicians, clarify status—
hearings, 15662
report, 17225
trophies—
Eisenhower trophy to outstanding unit
of company size, announcement of
winners, pamphlet, 5022, 17952
indoor rifle and pistol matches, postal
announcement of winners, pamphlet,
17951
National Guard trophy, Pershing trophy,
National Guard (State) trophy, an-
nouncement of winners, 12389

INDEX 1966

- National Guard Association of United States, trophy, announcement of winners, 12389
- National Guard Bureau, pamphlets, 1304-6, 2456, 5021-23, 7924-26, 11101-103, 12388-391, 17950-952
- National health survey, vital and health statistics, 1438-40, 2543-44, 5120-22, 6587-89, 8005, 9632-33, 11199, 12488-489, 14001, 15306-310, 18080
- National Heart Institute:
research grants—
comparative, veterinary, and primate cardiovascular research, 5026
heart disease and the psyche, 12472
rheumatic fever and rheumatic heart disease, 18076
- National Highway Safety Advisory Committee:
establish—
law, 15742
reports, 12946, 12993
- National Highway Safety Agency:
establish—
law, 15742
reports, 12946, 12993
- National Highway Safety Bureau, reestablish, report, 17291
- National housing act, *see* Housing—Loans.
- National Institute of Arthritis and Metabolic Diseases, artificial kidney-chronic uremia research and development program, opportunities for participation, 13980
- National Institute of Dental Research, brief review of research studies, 5031
- National Institute of General Medical Sciences:
biomedical research papers, 1964-65—
biochemical and biophysical sciences, summaries, 6487
biological sciences, summaries, 6488
medical sciences, summaries, 5032
- National Institute of Mental Health:
hospital improvement projects, 11104
mental health manpower, current statistical and activities reports, 1308, 11105, 12476
mental health of children, child program, 7930
mental health project grants—
completed, 6482
current, 6483
research grant program, 1964, descriptive data sourcebook, 11111
student research stipend program in social work, survey, 15290
training grants program, general information, 9561
- National Institute of Neurological Diseases and Blindness:
monographs, 6489, 11109, 13978
NINDB neurological information network, 18063
progress, summary, 1312, 18072
- National Institutes of Health:
almanac, 1310, 15291
appropriations, 1967, hearings, 8650
associate training programs, medical and biological sciences, 5024
career in administration, 15273
health scientist administrators and grants associates, examination announcements, 8402, 9995
library, periodicals currently received, 9559
library translations index, 1965 supplement, 13977
NIH obligations to institutions of higher education, 12477-478
programs, work, etc., 11108
research grants and awards, 1965, index, 13991
research methods and instrumentation, developments, symposium, 16810
research profiles, 1312-19, 2461, 5034, 15301
- National Institutes of Health—Continued
resources for medical research, reports, 5035, 11112, 13992
scientific directory and bibliography, 12481
staff fellowship program, 16804
standard animal care equipment, 16805
- National Institutes of Health Research Contracts and Grants, Secretary's Advisory Committee on Management of, *see* Secretary's Advisory Committee on Management of National Institutes of Health Research Contracts and Grants.
- National labor relations act, *see* Industrial relations.
- National Labor Relations Board:
appropriations, 1967—
hearings, 8650, 14472
reports, 8626, 16151
case developments, quarterly report, 3445
decisions and orders, 5037, 11116-117, 12393, 16734, 17953
decisions, digest, 9563
election reports, 3229
policy, purpose and philosophy of NLRB, as revealed in decision trends (remarks), 1321
press releases, 3390
report, 12392
statistical summary, quarterly, 3230
weekly summary of cases, 3701
- National Library of Medicine:
bibliography of medical reviews, 7934
catalog, biweekly listing, 5038
notes for medical catalogers (periodical), 3277
- National Mediation Board:
appropriations, 1967—
hearings, 8650, 14472
reports, 8626, 16151
report, 7936
- National monuments and memorials:
code of Federal regulations, 10505
guide for handicapped tourists, 17805
map of United States showing national monuments, 13651
publications, price list, 17994
see also names of monuments or memorials.
- National Motor Vehicle Safety Advisory Council:
create—
law, 15741
reports, 12975, 14391
- National Museum:
act of 1965, report, 10216
bulletins, 2465, 5039-40, 7937-38, 9565-66, 12396-397
proceedings, 1324-26, 2466-69, 5041-44, 6495-98, 7939-40, 9567
title page, etc., v. 116, 2470
title page, etc., v. 117, 16735
- National Observances and Holidays Commission, establish, report, 17243
- National Oceanographic Data Center:
announcement, 3238
archived data inventory, 7953
newsletter, 3239
publications, 6519-24, 7953, 9577-85, 15231-232
quarterly accessions, computer produced indexes, 13892
- National Park Service:
appropriations, 1967, hearings, 7113
archeological research service, 13875
areas administered by—
and related properties, 13876
visitor accommodations furnished by concessioners, 16738
fauna series, 13880
5-cent commemorative postage stamp, 13923
- National Capital region, 1966 activities, 7941
- natural history handbook series, 5047
press releases, 3391

National parks:
airports, authorization, increase—
hearings, 17385
reports, 16095, 17255
areas administered by National Park Service, 13876
camping facilities, 12398
code of Federal regulations, 10505
fishing, general information, 16736
guide for handicapped tourists, 17805
map of United States showing national parks and monuments, 13651
announcement and order form, 17995
public use, statistical report, monthly, 3431
publications, price list, 17994
visitor accommodations furnished by concessioners, 16738
see also names of parks.
National Planning Commission, appropriations, 1967, hearings, 8763
National poultry improvement plan, *see* Poultry.
National power and prestige in space, 13851
National Railroad Adjustment Board:
appropriations, 1967, hearings, 8650
awards, 2474, 6517, 7949, 11133-136, 13889, 15226-228, 16739, 17963
report, 7936
National Reactor Testing Station, controlled environmental radiiodine tests, 1965
progress report, 8284
National Referral Center for Science and Technology, 6278
National Resource Evaluation Center:
role of NRECE in emergency preparedness (paper), 660
technical report, 659
National Rifle Association, indoor rifle tournament, announcements of winners, 11101, 17950
National Rural Letter Carriers Association, agreement with Post Office Department, 16779
National School Safety Patrol Week:
designate—
law, 10063
report, 8741
National Science Foundation:
act of 1950, amend—
hearings, 10268
report, 15849
administer sea grant colleges and programs act—
hearings, 11825
reports, 15863, 16081
appropriations, 1967, hearings, 8651, 13193
basic research review, hearings, 1866
current research and development in scientific documentation, bibliography, 6597, 15320
grants and awards, 1965, 2475
its present and future—
hearing, 5708
reports, 4091, 4145, 11597
reprint House report 1236, report, 10205
operations, first 15 years, review—
reports, 4088, 12849
reprint House report 1219, report, 10204
press releases, 3392
programs for dissemination of scientific information, 2476
report, 1965—
departmental edition, 5049
document edition, 4071
reviews of data on science resources, 2477, 7951, 9575
scientific documentation, information, requirements, etc., price list, 7912
National security:
air traffic control, FAA regulations, 5919
aircraft titles and security documents, recording, Federal aviation regulations, change, 7352

National security—Continued
behavioral sciences and national security reports, 513, 4090
disaster preparedness, orientation manual for pharmacists, 5107
don't walk away from security¹ poster, 13253
Government operations, investigation, authorization, report, 4184
internal security act, etc., hearings, 580
internal security act of 1950, amend, report, 17352
internal security and subversion, principal State laws and cases, study, 581
internal security laws, etc., administration, investigation—
authorization, report, 4192
hearings, 16190
management, correspondence course offered by Industrial College of Armed Forces, 2144, 4586, 13445
management review, 14786
procurement and utilization of security covers for nuclear weapons, GAO review, 16349
safeguarding classified information, industrial security manual, 13254
security violations don't just happen, they are caused by, poster, 14523
State Department security, administration, investigation, hearings, 586, 4229, 7223-24, 8781-82, 10357, 11820-821, 17588
where our Nation stands at home and abroad, Republican report, 89th Congress, 2d session, 17405
see also Civilian defense.
National Security Seminars:
information guide for conduct of, 13444
presentation outlines and reading list, 2145, 14787
prospectus, 13446
National service life insurance, *see* Life insurance.
National Severe Storms Laboratory:
report (series), 1536-37, 11317, 12563, 15421
technical notes, 1536-37
National Shipping Authority, current regulations, index, 12231
National Ski Week:
authorize—
law, 5577
report, 4166
National Society of Daughters of American Revolution:
report, annual, 13064
print as Senate document, report, 7197
National standard reference data series, 11092, 13859, 17940
National standard reference data system:
extend service—
hearings, 15989
report, 12997
status report, 11098
National survival, *see* Survival.
National Teacher Corps:
appropriations, 1966, supplemental, proposal, 5608
establish, law, 430
guidelines, 14555
new dimension in teaching, 13278
to reach and teach children of poverty, 8849, 11876
National Technical Institute for the Deaf:
establish, report, 17459
general information, 7497
report, 10654
National Traffic Safety Advisory Committee, establish, report, 16078
National Traffic Safety Agency:
establish—
law, 15741
reports, 12975, 14391

- National Transportation Safety Board:
 establish—
 hearings, 10246, 10346, 11809, 13040, 13212
 reports, 11634, 12973, 16158, 17291
 National Transportation Week, program (remarks), 10041
 National turkey improvement plan, *see* Turkeys.
 National UNICEF Day, designate, report, 16083
 National union catalog:
 Library of Congress, 3242
 register of additional locations, 2308, 9346, 14986
 symbols used, 9348
 National Visitor Center:
 establish—
 hearings, 8789, 13056
 message from the President, 5614
 reports, 10287, 15837, 17548
 National Water Commission:
 establish—
 hearings, 11811
 message from the President, 5612
 reports, 11745, 14392
 National Wilderness Preservation System, annual report, 5609
 National Zoological Park:
 concessions, negotiate cooperative agreements granting reports, 17264, 17489
 reorganization, message from the President, 11615
 Nationality:
 code of Federal regulations, 10485
 immigration and nationality act amds.—
 explanation in question and answer form, 520
 hearings, 14430, 14406
 print additional copies of hearings on H.R. 2580, reports, 500, 562
 law, summary, 522
 report, 12972
 text, 10254
 laws, administrative decisions, 4542
 Nations, *see* Foreign countries.
 NATO, *see* North Atlantic Treaty Organization.
 Natural Beauty, White House Conference on, *see* White House Conference on Natural Beauty.
 Natural Bridges National Monument, general information, 1333
 Natural gas, *see* Gas.
 Natural history, handbook series, 5047
 Natural History Museum, Smithsonian Institution, guide map, 16826
 Natural resources:
 Agriculture Department, role in resource conservation, 15460
 Bear Creek watershed area, 2602
 beautification efforts of Federal Government, report, 2517
 California, 7509
 century of change (remarks), 1397
 changing conservation climate, Forest Service, I & E approaches to organizational and public needs, 5972
 Clinch-Powell Valley, 2603
 conservation—
 conservation revolution (address), 5282
 development projects RC and D, 1476
 forests (statement), 1608
 living resources of high seas, 12527
 new concept of soil and water conservation movement (address), 14123
 New England (remarks), 2113
 outdoor recreation (remarks), 6558
 publications, list, 1403
 teaching in elementary schools, outline, 14147
 yearbook, 6056
 conserve our resources (remarks), 1604
 conserving our renewable resources wisely in city and countryside (remarks), 9838
 Natural resources—Continued
 coordinated planning of rural resources for social and economic growth (speech), 9839
 Elk River watershed area, 2606
 Illinois timber resources, 7463
 judgment of history (remarks), 6557
 Land Management Bureau careers in resource management, forestry, administration, minerals, etc., 12227
 Lee, Scott, and Wise Counties, Va., 2611
 Lower Hiwassee Valley, 2608
 management, Project EROS, program to utilize space-acquired data, 16358
 Neighborhood Youth Corps, better communities through conservation, 16516
 plant quarantines, protection for America's resources, 6776
 population challenge, what it means to America, conservation yearbook, 6056
 preserving our natural heritage, message from the President, 5612
 recording esthetic and biologic changes with photographs, 2071
 resource bulletins, 2079-80, 4477-80, 5998-99, 7463, 10611-612, 11995-996, 14717-720
 resource publication (series), 2045, 7439-40, 10537, 11977, 14674, 16311-312, 17677
 Sequatchie Valley, 2610
 Texas, 848
 Upper Duck River Valley, 2612
 Upper French Broad area—
 basic data supplement, 2605
 opportunities, resources, regional economy, 2604
 Upper Hiwassee Valley, 2613
 urgent problems in conservation, USSR study, 6132
 user charges, study, 3867
 Yellow Creek watershed area, 2614
 Natural Resources Mission to Germany, special report to the President, 12046
 Natural science, *see* Science.
 Naturalization:
 becoming a citizen series, 2110, 4543, 6051
 teacher's guide, 4544
 candidates—
 citizenship teachers aids, resource unit, 6050
 English, home and community life, Federal textbook on citizenship—
 home study course for helper, 7502
 home study course for student, 7503
 our Constitution and Government, Federal textbook on citizenship, 6052, 7504
 investigation—
 authorization, report, 4191
 report on findings, etc., 5781
 publications, price list, 1407
 requirements and general information, 13422
see also Citizenship—Nationality.
 Nauchno-tekhnicheskaya informatsiya (periodical):
 articles, 6114
 Naughton, John:
 aeromedical certification problems, cardiovascular responses to exercise following myocardial infarction, 16982
 cardiac patients, physical-conditioning program, 16983
 Naumann, Robert J., Pegasus satellite measurements of meteoroid penetration, 4892
 Nauru Island, *see* Australia.
 Nautical almanacs, *see* Almanacs.
 Nautical charts, *see* Maps and charts.
 Navaho Indians, *see* Navajo Indians.
 Navajo County, Ariz., Chilchinbito and Kayenta quadrangles, geology, 816

- Navajo Indians:**
major sources of information on population, analysis—
departmental edition, 15498
document edition, 15779A
management of tribal funds, need for effective guidance, GAO report, 11999
- Navajo National Monument, general information, 13884**
- Naval Academy, Annapolis:**
candidates for appointment, selection, amend U.S. Code, law, 17137
reports, 12937, 16164
dairy farm, disposal, proposal, report, 17362
dairy farm operation, Navy Dept., GAO report, 7471
instruction, persons from countries friendly to U.S., permit, report, 17508
John Paul Jones, commemoration at Annapolis, Apr. 24, 1906, 15240
register, 13891
- Naval Air Test Center, technical report, 7975**
- Naval art and science:**
antimechanized operations, 2309
basic military requirements, 6526
Library of Congress, classification, 6277
logistic support of Navy, 9589
naval research logistics quarterly, 3247
- Naval aviation, see Aeronautics.**
- Naval aviation news, 3246**
- Naval bases, Subic, Philippines, banking facilities, agreement, 11264**
- Naval courts, see Courts martial and courts of inquiry.**
- Naval education:**
basic electronics, trainees guide for fire control technician training, 5061
basic military requirements, 6526
communications, yeomen, class A, trainee's guide, 2489
electronics, instructor's guide for fire control technician training, 17974
fire control technician training concerning gyros—
instructor's guide, 6532
trainee's guide, 6533
naval enlisted scientific education program, status, report, 9590
Naval reserve team training guide, 13904
naval training bulletin, 3251
Navy training courses, 1341, 1343-44, 1347, 2487, 6526, 6529, 6531, 7963, 7966-68, 9591, 11147-148, 12413-415, 12420, 13906-907, 13909, 15241-243
programmed-instruction maintenance course for radio transmitting set—
AN/WRT-1, 13908
AN/WRT-2, 12418
training facilities, Navy design manual, changes, 1569
training publications for advancement in rating, 9592
- Naval establishments, see Armed Forces.**
- Naval gunfire support, 9350**
- Naval history:**
bibliography, 7962
keeping the peace, 16749
- Naval installations, see Installations (military).**
- Naval Material Command:**
officers, perquisites of office, retaining rank, pay, and retirement privileges—
hearing, 17364
report, 17267
- Naval Material Office, proposed technical approaches, guide for preparation, 13912**
- Naval Medical Research Institute, record of accomplishments for 1st 20 years, 13657**
- Naval Medical Research Unit, agreement with Ethiopia, 8075**
- Naval Observatory, publications (series), 6518**
- Naval Oceanographic Office:**
publications series, 1337-39, 2479-85, 5053-58, 7954-61, 11139-146, 12401-409, 13893-899, 15233-239, 16744-748, 17965-970
report, 15230
research, development, testing, and evaluation, 17971
special publication SP series, 12410-411, 13900, 15239
- Naval officers, see Navy.**
- Naval Ordnance Laboratory, White Oak, Md., technical report, 2502**
- Naval orientation, 6534**
- Naval Personnel Bureau:**
career publication, 2673
training manuals and correspondence courses, list, 9588
- Naval petroleum reserves, no. 4 and adjacent areas, northern Alaska, 1944-53 exploration (series), 12017**
- Naval Postgraduate School, Monterey:**
salary of academic dean, repeal limitation—
law, 15719
report, 13181
- Naval Research Laboratory:**
bibliography series, 1349
cyclotron program, progress report, 13911
high level radiation laboratory at NRL, design, construction, and equipment, 1353
progress report, monthly, 3466
report series, 1351-84, 2491-2500, 6538-55, 7974, 9595-97, 12422-442, 13911, 15252, 16754-771, 17977
satellite position display, operation and performance, 2491
- Naval research logistics quarterly, 3247**
- Naval Research Office:**
ACR series, 7969, 16753
technical reports, 5070-76, 9593-94
Naval research reviews (periodical), 3248
- Naval Reserve:**
captains, authority for promotions—
law, 397
reports, 548, 1842
chaplains handbook, 1346
Dental Companies, curriculum, 13902
ensign medical program, 13658
officers, register, 7965
radioman 3d class, curriculum for training program, 13903
team training guide, 13904
- Naval Reserve Officers Training Corps, aviation and amphibious cruise manual, 11151**
- Naval reservist (periodical), 3249**
- Naval science, see Naval art and science.**
- Naval Ship Systems Command, technical news (periodical), 9598**
- Naval ships, see Ships.**
- Naval space surveillance system, optical calibration analysis, 16761**
- Naval stores:**
act, repeal, report, 17270
demand and price situation, 1965, 57
report—
annual, 11284
monthly, 3250
- Naval Submarine Medical Center, reports, 6281-85, 13639-667, 14991-995**
- Naval training, see Naval education.**
- Naval Training Device Center, Port Washington, technical reports, 1350, 2490, 5066-69, 6536-37, 7970-73, 1154-155, 12421, 13910, 15250-251**
- Naval vessels, see Nuclear powered ships—Ships—Warships.**
- Naval Weapons Bureau:**
directory, 2715
employment opportunities, 2883
technical inspection manual, 5077
- Navarro, Mario P., relief, 15834, 17455**
- Navesink River, zooplankton communities, 7444**

INDEX 1966

Navigable waters, *see* Navigation.

Navigation:

aids—

Coast Guard list—

Great Lakes, 8405

Mississippi River system, 8406

Pacific Coast and Pacific Islands, 14315

navy design manual, changes, 1569

regulations, amendment, 10006

aids to navigation manual, amdt., 3995

basic seamanship, Coast Guard Auxiliary course, public education, bibliography, 12768

celestial-inertial concept, optimal, for low-thrust interplanetary vehicles, analysis, 10938

Columbia River, channel improvement at Bonneville Dam, hydraulic model investigations, 11890

compendium, 16751

conditions at Locks and Dam no. 4, Monongahela River, 16250

Cooper River, improvement, 13298

experiment utilizing Relay II satellite, 7743

laws, collection of fees for services, hearing, 10333

measurements, television capabilities for making, 7875

midcourse, using optimal filtering and linear prediction, effect of reduced computer precision, 7890

Mississippi River, 10933

navigable waters—

clarify responsibility for marking obstructions, hearings, 8674

code of Federal regulations, 11941

navigate safely, ESSA marine services, 13300

Navy satellite system, 16617

notice to mariners, 5059

Atlantic and Mediterranean, 3279

Great Lakes and tributary waters, 3280

Pacific and Indian Oceans, 3729

opening upper Mississippi River to year-round navigation (statement), 1104

optical-inertial space sextant for advanced space navigation system, 10964

projects, prohibit certain fees—

hearings, 10263

report, 10154

radio aids—

Atlantic and Mediterranean area, changes, 2484, 11146, 15238

Pacific and Indian Oceans area, changes, 1339, 9585, 13898

ship's position at sea determined from artificial satellites of earth, USSR study, 923

space—

integrating orbital equations of motion, 16687

1958-64, significant achievements, 7753

simplified calculation of transition matrices for optimal navigation, 11068

see also Air navigation—Commerce.

Navigation locks, *see* Locks (hydraulic engineering).

Navigator (interplanetary) missions, electric propulsion study, 15066

Navigator (periodical), 3252.

NAVTRADECEN, *see* Naval Training Device Center, Port Washington.

Navy:

ammunition, status, hearings, 10324

civil engineer (periodical), 3253

dental administration—

manual, change, 15245

planning, construction, and maintenance of naval dental facilities, 6530

enlisted personnel classifications manual, 7964

enlisted scientific education program, status report, 9590

Navy—Continued

ensign medical program, 13658

film catalog, 11159

firefighting exercises manual, 1345

flight surgeon, who, what, why, where, when, 4751

lawyer, rewarding career, 9189

logistic support, 9589

management review (periodical), 3254

marine climatic atlas of world, Antarctic, 9600

medicine, statistics, quarterly, 3540

messes, ashore, manual, changes, 15247

occupational handbook, manual for civilian guidance counselors, etc., 16752

officers—

career planning information for surface

junior officers, 1342

classification manual, cross reference index, 5063

limited duty, qualification manual, 11150

line, performing supply duties, guide, 11149

professional reading guide, 16750

register—

departmental edition, 11152

document edition, 10099

personnel, household effects, moving information, 11155A

pesticide, safe and proper handling, preventive medicine manual, 17830

preventive medicine manual, 17830

prime contractors, selling to, 1387

procurement directives, revisions, 3255, 11160

public affairs regulations, 17978

publications, price list, 17996

recipe service, 5182

satellite navigation system, 16617

ship's serviceman 3 & 2, Navy training course, 12420

Supervisory Chaplains Conference, proceedings, 12417

training publication for advancement in rating, 9592

see also Pay, allowances, etc.—Retired officers, etc.

Navy Band, former members, relief of estates, 12877, 16047, 17087

Navy Department:

appropriations, 1967, military construction, hearings, 11642

Assistant Secretary, nomination of—

Charles F. Baird, hearings, 7204

Robert A. Frosch, hearing, 11790

community housing, available, need for current evaluation prior to construction of military housing, GAO report, 808

contract law, supp., 12444

diving manual, change, 1455

forms management guide, 12443, 16772

management control of reusable projectile fuze covers, etc., possible savings, GAO report, 4501

naval nuclear propulsion program, hearing, 8483

public information for commanders, etc., guidelines (periodical), 2858

publications and printing manual, standards and guidelines, 1386

reorganization plan, 7066

safety review (periodical), 3486

transportation of privately owned vehicles on foreign-flag vessels, Military Sea Transportation Service, GAO report, 9004

variable timing fuzes, savings through direct procurement of components, GAO report, 6018

Navy-Merchant Marine Monument, wreath-laying ceremony, Columbia Island (remarks), 10901

Navy Supply Corps, newsletter, 3256

Navy training courses, *see* Naval education.

NBS, *see* National Bureau of Standards.

- NCAA, *see* National Collegiate Athletic Association.
- NCC, *see* National Citizens Committee.
- NDEA, *see* Education.
- Neal, H. L., soil survey, Clarke County, Miss., 6616
- Neal, Luther, jr., pressure, heat transfer, and skin friction on sharp and blunt flat plates, 7847
- Nealon, Robert J.:
dyeing and finishing textiles, 5440
floor covering mills, woven carpets and rugs, etc., 1703
miscellaneous fabricated textile products, 6896
miscellaneous textile goods, 3888
weaving mills, 6891
yarn and thread mills, census of manufactures, 1963, industry statistics, 6892
- Near-drowning, pathophysiology and treatment, 14996
- Near East, *see* East (Near East).
- Nearctic region, Trichoptera in Museum of Comparative Zoology, notes, 6497
- Nebraska:
census of manufactures, 1963, area statistics, 15570
Cherry Soil and Water Conservation District, grassland management in Sand Hills (colored poster), 9686
climatological data, 2751
county business patterns, 231
electric rate book, 714
life tables, 18035
Little Blue River basin, fluvial sediment and chemical quality of water, 17728
loess-mantled Great Plains, Medicine Creek drainage basin, erosion and deposition, 17717
manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
mineral industry, minerals yearbook chapter, 1135
Mississippi River and tributaries, fishery products wholesale dealers, list, 774
new Pliocene stork, 11223
precipitation data, hourly, 3045
soil survey laboratory data and descriptions, Nebraska, 18104
Upper Niobrara River compact, approving, report, 16092
- Nebraska-Iowa Dressed Beef Company, accident, 6091
- Neck, cancer, 5105
- Nectarines, production, use, value, 1964-65 by States, 15379
- Need, John L., optimum target orientation in nuclear reaction experiments, 1278
- Needham, Robert G., effects of toxaphene on plankton and aquatic invertebrates in North Dakota lakes, 11977
- Needle cast, *see* Leaf cast.
- Needles (hypodermic), *see* Hypodermic needles.
- Neely, D. Morrison, per-unit capital retains, tax treatment by cooperatives and patrons, 4352
- Neely, William W., wild ducks on farmland in South, 8146
- Neesham, Phoebe T., relief, 1894
- Negotiated contracts, *see* Government contracts.
- Negroes:
American Negro in the future (address), 10011
children, quest for equality, story of how 6 institutions opened their doors, 14282
directory of colleges and universities, 6250
District of Columbia public schools as they relate to war on poverty, task force study, 11650
economic and social situation, 10875
future of American Negro (remarks), 4032
Government and business support of Negro colleges (address), 6993
- Negroes—Continued
in the West—
consumers, 14983
social and economic conditions, 10878, 14983
worker, 10876
- Michigan, employment problems of non-white youth, 12748
- Negro—
in American economy (remarks), 7420
in international affairs, prospects for future (address), 7643
marketing information, guide, 16990
- population—
by county, 1960, and 1950, 6918
characteristics, 5486
distribution, 6917
social power and social change in contemporary America (address), 16854
troops, employment, U.S. Army in World War II, 13669
unemployment problem (remarks), 10398
White House Conference "to Fulfill these Rights"—
council's report and recommendations, 11322
report, 15429
speeches, 12567
woman at work, gains and problems (address), 1560
women in population and labor force, 11327
- Negros, eastern, sailing directions, 9580
- Nehalem River, waterpower resources in basin, 826
- Nehmer, Stanley, address, Jan. 26, 1966, 3999
- Neiburg, Samuel C., relief, 5730
- Neighborhood Youth Corps:
accomplishment and ultimate purpose (remarks), 9195
administration, hearings, 8666
amendments to economic opportunity act—
hearings, 14498
print additional copies of House report 1568, report, 13007
reports, 10185, 12945, 16162, 17333
builds better communities through conservation, 16516
facts, 7644
graduates, information for employers, 2281
picture story, 2284
remedial education for NYC enrollees, tips, 12201
rural community action, program, 16220
sponsors, financial management requirements, 13588
story of, 7647
work supervisor's handbook, 1083
- Neighborhoods:
legal services, new dimensions in law, 16904
urban renewal rehabilitation, minimum property standards, 16272
- Nein, M. E., cryogenic propellant tank pressurant requirements, 6419
- Neitzey, Regina M., analysis, etc., State minimum wage laws and orders, 5233
- Nelson, Alice F., foreign agriculture, including foreign crops and markets, 2986
- Nelson, Arthur E., geology of Florida quadrangle, Puerto Rico, 13399
- Nelson, Arthur P.:
mineral industry of Malagasy, 10915
mineral industry of Morocco, 7699
- Nelson, Charlene M., histologic study of effects of profound hypothermia on spinal cord of dog, 80
- Nelson, Howard D., malathion-treated drying trays to protect raisins from insects, 14111
- Nelson, Morlan W., water supply outlook and Federal-State-private cooperative snow surveys for Idaho, 3689
- Nelson, Robert A., remarks, May 18, 1966, 10042

- Nelson, Robert E.:
 electrical parameters of precision, coaxial, airdielectric transmission lines, 12385
 record of forest plantings in Hawaii, 2079
 Nematoid worms, soybean cyst nematode, general information, 11365
 Neobrotica, *see* Beetles.
 Neodymium trichloride, heat of formation, 1167
 Neon, bromine dissociation rates, shock-tube investigation, 13821
 Neonatal, *see* Infants.
 Nepal, accessions list, Library of Congress American Libraries Book Procurement Center, New Delhi, 9347
 Nepal alder, *see* Alder.
 Nepheline syenite, minerals yearbook chapter, 15005
 Nephelines, glass-crystal transformation and heat of formation, 10922
 Nephropathy, concomitant with bile duct diseases in children, diet therapy, USSR study, 1032
 Nerves:
 cells, autoregulation in cytology and cytochemical studies, USSR articles, 977
 dorsal root ganglia, newborn rat, in vitro following gamma irradiation, observations, 3796
 simulation of information processing in neurons, USSR study, 2205
 sympathetic neuron, submicroscopic structure, effects of radiation, 11380
 Nervous system:
 central—
 changes, employment of cross circulation and heat exchangers to induce deep hypothermia, 3780
 electromagnetic and magnetic fields, influence, USSR study, 14823
 response to low-level x-irradiation, 7990
 child with central nervous system deficit, 5504
 childhood disorders, research progress summary, 1318
 higher activity, USSR studies, 9157
 infectious diseases, progress, summary, 1319
 neurological and sensory disease, film guide, 13976
 neuropathology and psychiatry, USSR study, 9079
 principal diseases, survey of scientific research conducted during 1964, USSR study, 2265
 slow, latent, and temperate virus infections, workshop and symposium, 13978
 Netherlands:
 background notes, 8048
 certification of apples and pears for possible transshipment, 12586
 certification of fruit entering for possible transshipment, 5272
 community mental health services, 5025
 double taxation—
 convention, agreement, 16863
 supplementary convention, protocols, ports, 13087
 fight for socialism, 6202
 labor conditions, 13640
 manpower policy and programs, 16515
 maritime matters, private operation of N.S. Savannah, liability agreement, 11261
 mineral industry, minerals yearbook chapter, 6302
 supplementary income-tax convention, 7174
 Nets, *see* Fish nets.
 Netterstrom, Ralph W., rigging cargo gear, 14965
 Netting, *see* Fish nets.
 Networks, compensating, in scientific satellites, wide-range temperature monitoring, new design approach, 16681
 Netzeband, F. F., mineral industry of Texas, 2343
 Neubauer, W. G., Fresnel method calculation of radiated acoustic field of pistons, 1373
 Neuman, Elmer A., ALO standard structure for managerial data, 5382
 Neurohumoral mechanisms of reticular formation of brain stem, selections from USSR book, 7606
 Neurohumors, problems of neurohumoral regulation in clinical medicine, USSR study, 7570
 Neurological diseases, *see* Nervous system.
 Neurological Diseases and Blindness, National Institute, *see* National Institute of Neurological Diseases and Blindness.
 Neurology, adaptations in mice exposed to chronic 2x gravity field, 93
 Neuromuscular disorders:
 blocking action of some new oximes, Rumania, 1018
 progress in research, summaries, 1315, 15301
 Neurons, *see* Nerves.
 Neuropathology, *see* Nervous system.
 Neuropsychology, bibliography, 1960-65 reviews and books, 12985
 Neuschel, Sherman K., aeroradioactivity survey and areal geology of District of Columbia, etc., 9917
 Neutron activation analysis, *see* Radioactivation analysis.
 Neutron capture cross sections:
 boron cross sections as source of discrepancy for capture cross sections in keV region, 11081
 sphere transmission experiments, Monte Carlo interpretations, 11080
 Neutron diffractometers, *see* Diffractometers.
 Neutrons:
 activation analysis in scientific crime detection, application, 6852
 cross section technology, conference proceedings, 15528
 dynamics and control, symposium proceedings, 12672
 feasibility study, operation Henre, 14-Mev neutron source, 11421
 neutron and gamma dosimetry, 142
 neutron and gamma-ray leakage from Ichiban critical assembly, 12671
 operations plan, Operation Henre (high energy neutron reactions experiment), 143
 pulsed high intensity fission, symposium on sources, proceedings, 5385
 thermal flux perturbation by dysprosium-aluminum foils in water and uranyl fluoride-water solutions, 6428
 thermalization, integral, Oct. 1, 1963-Sept. 30, 1964, annual summary report, 1677
 use of neutron activation analysis in scientific crime detection, summary report, 5390
 Nevada:
 census of business, selected services, area statistics, errata, 3878
 climatological data, 2751
 Cortez district, gold geochemical anomaly, 14751
 county business patterns, 232
 electric rate book, 715
 floods of Jan.-Feb. 1963, 10651
 life tables, 18036
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 medical assistance for the aged under social security act, 11905
 mineral industries, water requirements and uses, 12234
 mineral industry, minerals yearbook chapter, 1136
 north central Sierra, broadcast burn in 2d growth clearcuttings, 17686

- Nevada—Continued
Pahranagat Valley Soil Conservation District, improved alta fescue pasture and lined irrigation canal (colored poster), 9687
postal map—
 northern section, 13927
 southern section, 13928
precipitation data, hourly, 3045
southern, water project, amend sec. 6 of act—
 law, 12835
reports, 8730, 10178
test site of AEC, allowances to employees, law, 7047
water supply—
 fall summary, 16834
 outlook and snow surveys, 3691
 western, earthquake history, 6982
Nevel, Donald E., time dependent deflection of floating ice sheet, 15510
New Britain, Conn., commodity transportation survey, production area series, 8340
New Brunswick Laboratory, research progress report, 6853
New Caledonia:
 mineral industry, minerals yearbook chapter, 6297
 population and economy, 12137
New Castle, Pa., Federal loan for poultry, processing plant, hearing, 4117
New Crops Research Branch:
 plant material introduced, 8137, 11339-340, 14115
New day for older American, Senior Citizens Month, May 1966, guide to community action, 9617
New energy storage concept uses tapes, 7770
New England:
 climatological data, 2751
 development, bibliography, 14007
 economic conditions, improvement through cooperation (address), 321
 fisheries, summary, 1964, 743
 growth patterns in employment by county, 5436
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14254
 mortality of dentists, 18003
 natural resources, Federal role in conserving (remarks), 2113
 precipitation data, hourly, 3045
 small business procurement, 7237
 standard metropolitan statistical areas, facts for marketers, 6880
New England Economic Development Region, designation (remarks), 5558, 5562
New England States, *see* New England.
New era (periodical), 3259
New Guinea:
 mineral industry, minerals yearbook chapter, 6297
 sailing direction, change, 17967
New Hampshire:
 coastal and tidal areas, hurricane survey, engineer report—
 departmental edition, 669
 document edition, 463
 county business patterns, 233, 17002
 electric rate book, 716
 life tables, 18037
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14254
 on-the-ground demonstration of northern hardwood timber management, 11992
Sullivan County Soil Conservation District, multipurpose pond on former farmland (colored poster), 9688
women, labor laws, summary, 8117
New Haven, Conn.:
 area wage survey, metropolitan area, 9318
 Chapel Street Library Neighborhood Center, 17623
 commodity transportation survey, production area series, 8340
New Hebrides, mineral industry, minerals yearbook chapter, 6297
New Jersey:
 allocation of school facility costs to federally assisted urban renewal projects, GAO report, 6002
 area measurement report, 15563
 Atlantic white-cedar being eliminated by excessive animal damage in South Jersey, 789
 census of business, 1963, retail trade, area statistics, 9947
 errata, 185
 census of business, selected services, area statistics, errata, 3879
 climatological data, 2751
 commercial egg-producing farms, costs and returns, 621, 14532
 county business patterns, 1726, 5468
 electric rate book, 717
 Hudson River compact—
 law, 15772
 reports, 15893, 17490
 landings, fish and shellfish, 3260
 annual summary, 10519
 life tables, 18038
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
 Mercer County Soil Conservation District, farm pond, Stony Brook Watershed (colored poster), 9689
 mineral industry, minerals yearbook chapter, 1137
 northern, desalting for, potentialities and possibilities, engineering study, 16378
 postal map, 13936
 precipitation data, hourly, 3045
 radium cases, epidemiological follow-up, progress report, 9921
 southern, site index of yellow-poplar related to soil and topography, 17701
 streams, water quality characteristics, 12031
New Jersey Turnpike, motor carrier accident, 9058
New life for the dodo, address, 16238
New London, *see* Coast Guard Academy, New London.
New London, Conn.:
 District Court, term to be held:
 law, 15737
 report, 17481
 reduced defense spending, potential impact, 14207
 stratigraphic names in area, 12014
New Mexico:
 cattle ranches, economic and operational characteristics, 5866
 census of manufactures, 1963, area statistics, 15571
 climatological data, 2751
 county business patterns, 234, 15579
 Diamond Creek, Gila trout, ecology, 14679
 electric rate book, 718
 high plains, water resources, 5266
 Indians, general information, 14766
 jasperoids of Lake Valley mining district, 4513
 labor laws affecting women, summary, 5247
 life tables, 18039
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14260
 medical assistance for the aged, under social security act, 11905
 mineral industry—
 minerals yearbook chapter, 2336
 water requirements and uses, 2319

INDEX 1966

New Mexico—Continued
nonpegmatitic beryllium occurrences, 15029
northern, crested wheatgrass lambing range, grazing effects, 13367
pinyon-juniper sites, adaptability of forage species, 4452
precipitation data, hourly 3045
San Juan Soil and Water Conservation District, irrigated river bottomland (colored poster), 9690
semiarid area, channel and hillslope processes, 12019
small business procurement, hearings, 7237
snow courses and soil moisture stations, list and location, 8029
water supply outlook and snow surveys, 3688
New Orleans, La.:
aircraft accident, 12736
area wage survey, metropolitan area, 10867
New Orleans, Battle of, commemorating, Chalmette National Historic Park, 15220
New Orleans, Battle of, Sesquicentennial Celebration Commission, *see* Battle of New Orleans Sesquicentennial Celebration Commission.
New product development for economic growth in rural areas, 1595
New water for old, advanced waste treatment research, etc., Lebanon facility, 17670
New York Central RR, accidents, 12078, 12085
New York City:
aircraft accident, 3950
area wage survey, metropolitan area, 14977
commodity transportation survey, production area series, 8341
desalting for, potentialities and possibilities, engineering study, 16378
exchanges, futures trading and open contracts in cotton, wool and wool tops, etc., 3011
facts of poverty (paper), 6271
fresh fruit and vegetable prices, 9840
Mercantile Exchange, futures trading and open contracts in potatoes and rice, 3013
nursing homes, conditions and problems, hearings, 565
Operation Reclaim, for Negro teachers displaced in integrated southern schools, 16235
port, N.Y. and N.J., data on piers, wharves, and docks, 13293
principal electric facilities, map, 7374
Prospect Park of Brooklyn Borough, centennial year greetings, reports, 8565, 11758
New York State:
census of business, 1963—
retail trade, area statistics, 5438, 9948
errata, 188
selected services, area statistics, errata, 6884
climatological data, 2751
county business patterns, 1727
dropout training, summer camp in year-round use, 16236
Dutchess County Soil and Water Conservation District, conservation farm managed for upland game (colored poster), 9691
electric rate book, 13325
Hudson River compact—
law, 15772
reports, 15893, 17490
labor laws affecting women, summary, 6701
landings, fish and shellfish, 3267, 8934
life tables, 18040

New York State—Continued
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
mineral industry, minerals yearbook chapter, 2337
planning is vital for urban development (address), 8412
postal map—
eastern section, 13937
western section, 13938
precipitation data, hourly, 3045
small business procurement, hearings, 14506
Taconic sequence, new Lower Cambrian trilobite faunule, 12506
women, equal pay, 1965, laws, 5238
New Zealand:
health information for travel, 6579, 16795
lights and fog signals, list changes, 1337, 6522, 9582, 13895
mineral industry, minerals yearbook chapter, 6303
sailing directions, change, 13893
Newark, N.J.:
area wage survey, metropolitan area, 9327
commodity transportation survey, production area series, 8342
high-rise multifamily housing project, approval of mortgage insurance by FHA, GAO report, 6003
Newark Bay:
engineer report—
departmental edition, 17634
document edition, 17169
Newborn, *see* Infants.
Newcomer, E. J., insect pests of deciduous fruits in West, 14130
Newell, H. E., space science and applications programs, report to Space Science Board, 12378
Newfoundland:
general information, 1632
oceanography of Grand Banks region, 14317
Newman, Dorothy K.:
Negroes in U.S., economic and social situation, 10875
Newman, Jerry O., house-framing system for low-cost construction, 15452
Newman, Perry A., direct calculation of specific heats, etc., of arbitrary gas mixtures, 15158
Newport News, Va., area wage survey, metropolitan area, 14974
News digest:
Federal Power Commission, 3268
Securities and Exchange Commission, 3269
News for farmer cooperatives, 3270
reprints, 14595
News letters:
Civil War Centennial Commission, 3293
Equal Employment Opportunity Commission, 3271
Federal Library Committee, 2979
Head Start Projects, 8824
medical news letter, Medicine and Surgery Bureau, 3187
Navy Supply Corps, 3256
NBS publications newsletter, 3257
President's Council on Aging, 3272
President's Council on Physical Fitness, 3273
rural areas developments, 3484
State Department, 2850
United States National Commission for UNESCO, 3632
USDA employee, 3655
News releases, *see* Publicity—*see also* names of departments, etc., issuing releases.
News reporters, *see* Reporters and reporting.
News summary, Federal Trade Commission, 2970
Newsletters, *see* News letters.

Newsom, William A., jr., stability and control characteristics of 4-duct tandem V/STOL transport, 9502

Newspapermen:
employment outlook, 9254
Il'ya Erenburg interviewed, USSR study, 17782
see also Journalists.

Newspapers, census of manufactures, industry report, 3892
see also Press.

Newsprint, *see* Paper.

Newtonian aerodynamic characteristics of blunted right elliptical cones for cone thickness ratios of 0.25 to 3, 13809

Newtonian equations, *see* Equations.

Neyro-Gumoral'nye mekhanizmy retikulyarnoy formatsii stvola mozga, selections from USSR book, 7606

NG, *see* National Guard.

Ng, Sheung Wan, relief, 8694

NGB, *see* National Guard Bureau.

Nicaragua, mineral industry, minerals yearbook chapter, 7688

Nicholls, Charles A.:
fats and oils, 8329
grain mills, 5439

Nicholls, Harry R.:
comparative study of explosives in granite, 1164
presplitting rock in presence of static stress field, 16586

Nichols, Billy J., measurements of resonant charge exchange cross sections in nitrogen and argon, 4980

Nichols, Charles A.:
miscellaneous food products, 3886
sugar and confectionery products, 3884

Nichols, George C., basic research, applied research and development in industry, 7950, 16740

Nichols, Ivan L., volatilization of cesium chloride from pollucite ore, 12247

Nichols, Mark R., aerodynamics of airframe-engine integration of supersonic aircraft, 13805

Nichols, Paul R., comparative study of juvenile American shad populations by fin ray and scute counts, 7442

Nichols, Vernon M., relief, 12889, 14364

Nicholson, William R., menhaden catch along Atlantic Coast, age, etc., 5965

Nickel:
beryllium alloy, cold reduction and thermal treatment effect on tensile properties at cryogenic temperatures, 4942
brazing, joins tungsten wire and tubing, 4884
chromium alloy, self-lubricating composites, 12357
deposits, North America, 13401
disposal from national stockpile, law, 425
electroformed, pressure vessel fabrication, 11012
influence of yttrium on oxidation of nickel at 1200° C. high-temperature corrosion studies, 12255
mineral industry survey, monthly, 3274
minerals yearbook chapter, 16566
nickel/tin coating protects threaded fasteners in corrosive environment, 2402
porous, self-lubricating composites, 12357
superalloys for high temperature applications, 11016

Nickel-cadmium cells, *see* Storage batteries.

Nickerson, Raymond S., uncertainty as applied in psychological research, 3786

Nieberding, William C., thrust measurement of SERT-I ion thrusters, 9532

Niemann, L. H., market information on electronic products in France, 10028

Nemi, Reino, blast effects on space vehicle structures, 4897

Niger:
gazetteer, official standard names, 13392
mineral industry, minerals yearbook chapter, 9362

Nigeria:
mineral industry, minerals yearbook chapter, 2338
mission to visit, 10686
official publications, guide, 17824

Nigh, June, survey of activities of Committee on Foreign Affairs, House, 89th Congress, 1st session, 7143

Nightglow, *see* Airglow.

Nightwear, knit, current industrial reports, 2818

NIH, *see* National Institutes of Health.

Nike Hercules missile, *see* Missiles.

Nikola Tesla Institute, compensated and ohmic measuring voltage dividers, Yugoslavia study, 962

Niksch, Larry A.:
basic data on economy of Pakistan, 11516
establishing business in Pakistan, 343, 15651

Nimbus spacecraft, *see* Satellites.

NIMH, *see* National Institute of Mental Health.

NINDB, *see* National Institute of Neurological Diseases and Blindness.

9-alpha-fluorohydrocortisone, *see* Hydrocortisone.

Niobium:
alloys—
compatibility with hydrogen in presence of temperature gradient, 13842
high-temperature, 10919
ultrahigh-vacuum creep behavior at 2000° and 2200° F, 4960
columbium alloy sheet, oxidation-resistant coatings on, study, 7828
columbium-modified NASA TAZ-8 superalloy, investigation, 15188
columbium tubing alloys, compatibility with potassium, 9542
elemental, USSR physical-chemical studies, 9087
metal of space age, USSR study, 13512
minerals yearbook chapter, 16556
plates under hypervelocity impact, dimple, spall, and perforation characteristics, 12350
superconducting current-carrying capacity through hydrogen treatment, enhancement, 16693
tantalum bearing alloy, electric-arc furnace reduction of tin slag for production, 7707
thin films are superconductive in strong magnetic fields at low temperatures, 7778

Niobium carbide, liquid, containment on graphite between 3500° and 4700° K, 16614

Niobrara River, upper, compact, approving, report, 16092

Nis oblast, Yugoslavia, labor safety, establishment, 16499

Niskala, George R., cutting hardwood cants can boost sawmill profits, 17684

Nitromaxo, titrimetric microdetermination of sulfur in organic phosphorus and arsenic compounds, USSR study, 13539

Nitrates, *see* Ammonium nitrate.

Nitrides:
chemical reactions and bonding in these compounds, 13836
refractories produced by aluminotrisilicothermal method, USSR study, 12191
see also Boron nitride.

Nitrogen:
arc-heated streams, effect of discontinuities on laminar heat transfer, 15198
boiling, visual study of velocity and buoyancy effects, 15138
fertilizer situation, 8141
gas, in oilfields in North Dakota, 17857

Nitrogen—Continued
 laminar boundary layers, application of Eckert reference formulation, 7740
 liquid, gamma ray detector coolant, mount for portability, 9455
 liquid-nitrogen-cooled condensers, use in pumping of mercury ion beams, 4965
 megawatt direct-current arc heating, 9536
 minerals yearbook chapter, 16567
 mixture properties for hydrogen and carbon-dioxide, 6337
 mixtures with carbon dioxide for conditions typical of Mars entry, estimate of chemical kinetics, 6451
 nonequilibrium hypersonic flow over wedge, effects of vibration-dissociation coupling models, 13828
 replacing by helium in air, analysis of effect on development of chick embryos, 978
 resonant charge exchange cross sections, measurements, 4980
 silicon-nitrogen materials used to develop flexible protective coatings, 4864
 solid, formed by cryopumping, 15058
 thermodynamic and transport properties for nitrogen-oxygen system, 7851
 Nitrogen fluorides, synthesis of nitrogen fluorides in nitrogen plasma jet, 12426
 Nitrogen oxides:
 determination in diesel exhaust gas by Saltzman method, 12249
 heat transfer to turbulent flow in smooth tubes for reacting N_2O_4 - NO_2 system, 4964
 Nitrogen tetroxide, heat transfer to turbulent flow in smooth tubes for reacting N_2O_4 - NO_2 system, 4964
 Nitrosalicylanilides and related compounds, relation of chemical structure to fish toxicity, 14674
 Nitrous exchange in brain of rats during action of pulse accelerations, 16421
 NLRB, *see* National Labor Relations Board.
 NMR (nuclear magnetic resonance), *see* Nuclear magnetic resonance.
 Nobel, Alfred, legacy, (remarks), 3856
 Noble gases, inert-gas welding of tubes, simple device facilitates, 9467
 Nobles of Mystic Shrine, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
 Nobo y Pividal, Rafael J., relief, 16061
 Noctilucent clouds, *see* Clouds.
 NODC, *see* National Oceanographic Data Center.
 NODC quarterly accessions, computer produced indexes, 13892
 Nodules, *see* Electronic nodules.
 Noe, Frank E.:
 mineral industry of—
 Bolivia, 4762
 British Honduras, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama, 7688
 Colombia, 6298
 Islands of Caribbean, 9363
 Noise:
 acoustical treatment, building construction materials and practices, Army technical manual, 1650
 aerodynamic, response of complex shell structures, 9423
 aircraft landing and takeoff, land exposed, optimum use, study, 7732
 boundary-layer, on X-15, flight measurements, 7877
 combating on ships, USSR book review, 1047
 equivalent noise bandwidth analysis from transfer functions, 1241
 high-frequency, effect on blood sugar level, USSR study, 12155
 increase in effectiveness of random balance method, USSR study, 9161
 jet aircraft noise near airports, alleviation, report, 11214

Noise—Continued
 land use planning with respect to aircraft, Air Force manual, 9850
 Langley low-frequency facility, human response to frequencies below 50 cps, 4948
 linear signal noise summer determines and controls S/N ratio, 17900
 loudness and noisiness of complex sounds, measuring, research and methods, review, 7741
 low frequency fluctuations, effects on human subjects, 6464
 noise-stability of codes with summation, USSR study, 7614
 ocean, subsurface cavitation as source, USSR study, 13559
 pseudonoise acquisition demodulator achieves automatic synchronization of telemetry channel, 12313
 radio, quarterly data, 5010, 6477, 11096, 13860
 random excitation, stationary and non-stationary, maximum response of linear mechanical oscillator, 4807
 rocket exhaust jet, contribution of combustion noise, 9432
 signal and noise level estimation in coherent PCM channel, 7734
 spacecraft structures, low-frequency noise reduction, 16605
 ultra-low-noise 1700 Mc parametric amplifier system, 7859
see also Noise suppressors—Sonic boom.
 Noise suppressors:
 interaction of structure and liquid, in sound suppressor system, 4926
 liquid behavior of reservoir in sound suppressor system, 4921
 S-IC, predicted acoustical performance, 9525
 NOL, *see* Naval Ordnance Laboratory, White Oak, Md.
 Nomenclature:
 aircrew stations, military standard, 8814
 rocks adjacent to Cretaceous-Tertiary boundary, western San Juan Basin, N. Mex., 12024
 see also subjects.
 Nominations, Senators, Federal and State laws, summary, 10276
see also names of persons.
 Nonappropriated funds:
 AMC pamphlet, 14208
 military welfare funds, uniform accounting system, Air Force manual, 9856
 Nonfat dry milk, *see* Milk.
 Nonferrous alloys, *see* Alloys.
 Nonferrous castings, *see* Castings.
 Nonferrous metals, *see* Metals.
 Non-glassy inorganic fibers and composites, 15086
 Nonlinear equations, *see* Equations.
 Nonlinear programming and optimal control, 9441
 Nonlinear theories:
 synthesis of nonlinear control laws, USSR study, 9155
 cancellation, 14790
 Nonmetallic minerals, *see* Minerals—Nonmetals.
 Nonmetals:
 industries—
 Federal metal and nonmetallic mine safety act—
 hearings, 8786
 law, 15750
 reports, 1840, 1843, 16072
 review, minerals yearbook chapter, 1170
 technologic trends, minerals yearbook chapter, 1171
 nonmetallic crude materials, Federal item identification guides for supply cataloging, supplements, 2938
 nonmetallic fabricated materials, Federal item identification guides for supply cataloging, supplements, 2938

Nonpegmatitic beryllium occurrences in Arizona, Colorado, New Mexico, Utah, and 4 adjacent States, 15029
 Nonprofit organizations:
 Leningrad scientific institutions, improvement in research and planning, 17776
 older Americans act, grants to public and private agencies, etc., for research, demonstration, and training projects, 3
 Nonseparable solutions of Helmholtz wave equation examined for applications, 15523
 Nonwhite population:
 educational attainment of women and men, fact sheet, 1553
 educational attainment of women, fact sheet, 16908
 Michigan, employment problems of non-white youth, 12748
 women workers—
 current data, 5234
 fact sheets, 2628, 8114
 Nooksack Indians, judgment funds, disposition reports, 17227, 17507
 NORAD Combat Operations Center, Cheyenne Mountain, El Paso, Tex., methods and costs of constructing underground facility, 13679
 Norepinephrine, intravenous infusion, calorigenic response of rabbits, 9858
 Norfolk, Va., area wage survey, metropolitan area, 14974
 Norfolk and Western Ry., accident, 12073
 Norfolk Naval Shipyard, employees, relief, law, 15753
 Noril'sk, Russian SFSR, aim for healthier working conditions, 17769
 Norling, A. H., future U.S. transportation needs, 6349
 Normal mode theory, *see* Velocity.
 Norman, Lindsay D., Jr., thermoelectric properties of yttrium selenides and tellurides, 17860
 Norris, John D.:
 calibration of conical pressure probes, 1257
 effects of bluntness on subsonic drag of elliptical forebody, 9519
 Norris, L. Fredrick:
 overlay copy technique to provide high-contrast electron micrographs for automatic metallographic analysis, 17921
 secondary emission electron microscopy for examining materials containing dispersed oxide particles, 16700
 Norris, Stanley E., ground water resources of Dayton area, Ohio, 9022
 North America:
 Atlantic Coast, surface water temperature and salinity, 3991
 east coast—
 lights and fog signals, list, changes, 5055, 9581, 13894, 15237
 1967, tide tables, 10005
 fisheries conference, addresses and panel discussions, 17674
 genus *Lexiphanes* of America north of Mexico, 5041
 geology—
 abstracts, 6028
 bibliographies, 14748, 16357
 mineral industry, regional review, minerals yearbook chapter, 6309
 nickel deposits, 13401
 Pacific Coast, 1967 tidal current tables, 15638
 west coast—
 lights and fog signals list, changes, 1337, 6522, 9582, 13895
 tide tables, 6987
 North Atlantic slope basins, *see* Atlantic States.
 North Atlantic treaty, and related agreements, texts, 4220
 North Atlantic Treaty Organization:
 American military installations and NATO bases in France, on-site inspection, subcommittee report, 15961

North Atlantic Treaty Organization—Con.
 Atlantic alliance—
 allied comment, 4219
 basic issues, 5812
 problems and prospects, hearings, 11808, 17580
 Atlantic Union, strengthen by establishing commission, etc., hearings, 8772
 business with NATO, how U.S. companies can participate, etc., 1691
 crisis in NATO—
 hearings, 11651
 reports, 14118, 15919
 NATO, backbone of alliance, statements by President Johnson, Under Secretary Ball and Secretary Rusk, text of joint declaration, 9724
 nuclear weapons and Atlantic Alliance, bibliographic survey, 8256
 parliamentarians' conference, 1965—
 report of House delegation, 15848
 report of Senate delegation, 5807
 status of forces agreement, criminal jurisdiction operations—
 hearing, 17572
 report, 17561
 Yugoslav analysis in relation to Warsaw Pact, 14812
 North Carolina:
 Avery County Soil and Water Conservation District, trout fishing in silt-free stream (colored poster), 9692
 climatological data, 2751
 Coastal Plain, tobacco farms, commercial, costs and return, 10412
 congressional districts, 90th Congress, 17015
 county business patterns, 3914
 District Court, eastern district, term to be held at Clinton, law, 421
 eastern, chemical composition of rainfall, 13414
 economic development program (address), 6998
 electric rate book, 17657
 floods on small streams, probable magnitude and frequency, 10637
 Indians, culture and civilization, 7507
 labor laws affecting women, summary, 1553
 Lake Michie, humid region, evaporation study, 16359
 landings, fish and shellfish, 3276, 13335
 life tables, 18041
 mainland areas, excluding Washington and New Bern, hurricane survey, engineer report—
 departmental edition, 17631
 document edition, 17165
 manufacturing plants, location by county, industry, and employment size, 1963
 census, 14258
 medical assistance for the aged under social security act, 11905
 peanut handling, shift from bag to bulk, economic implications, 9822
 postal map, 13939
 precipitation data, hourly, 3045
 retirement credit for Federal employees' service under cooperative agreement, hearing, 11677
 selected counties, population, special census, 9965
 women workers, 12575
 North Carolina Mutual Life Insurance Co., home office bldg., dedication ceremonies (address), 6997
 North Cascades Mountains, study report, 10666
 North Cascades National Park, establish, hearings, 14488
 North central region, *see* Central States.
 North Counties Hydro-Electric Co., relief, 390

INDEX 1966

North Dakota :

Barnes County Soil Conservation District, farmstead windbreaks (colored poster), 9693
 census of manufactures, 1963, area statistics, 16995
 central, performance of 7 seed sources of blue spruce, 14704
 climatological data, 2751
 county business patterns, 235
 fish control with toxaphene, 11977
 Indians, general information, 14763
 life tables, 18042
 manufacturing plants, location by county, industry, and employment size, 1963 census, 14257
 mineral industry, minerals yearbook chapter, 1138
 Mississippi River and tributaries, fishery products, wholesale dealers, list, 771
 nitrogen gas in oilfields on Nesson anticline, 17857
 precipitation data, hourly, 3045
 soil survey laboratory data and descriptions, 16836
 Williston basin, oilfields, 13672
 women—
 equal pay, 1965 laws, 5239
 labor laws, summary, 14091
 North Hempstead town, N.Y., population, special census, 5495
 North Korea, *see* Korea.
 North Little Rock, Ark., area wage survey, 1093
 North Pacific Ocean, *see* Pacific Islands.
 North Platte River and Valley, basin, general information, 11209
 North Sea, lights and fog signals, list, changes, 2482, 7959, 12407, 16746
 North Vietnam, *see* Vietnam.
 Northeast (U.S.) :
 Northeast Corridor transportation project—
 area system, 8428
 technical paper, 8428
 northeastern region, consumer expenditures and income, 1960-61—
 rural farm population, 15438
 rural nonfarm areas, 1089
 urban and rural, 10854, 12207
 power failure of Nov. 9 and 10, 1965—
 effect on communications, 7360
 hearings, 15977
 report to the President, 725
 responses to inquiries, report, 7189
 principal electric facilities, map, 7374
 Northeast Airlines, Inc., accident, 3950
 Northeastern Forest Experiment Station :
 report, 11993
 watershed management research, bibliography, 10601
 Northeastern States, *see* Northeast (U.S.).
 Northern Forest Fire Laboratory, research program, general information, 10561
 Northern Hemisphere, *see* Hemisphere, Northern.
 Northern Pacific Ry., accident, 6095
 Northern Utilization Research and Development Division :
 publications and patents, list, 5275
 chemically modified oil products and industrial uses, 9785
 composition of oilseeds, 9782
 industrial uses of proteins, 9786
 soybean oil, edible, 9783
 soybean protein products, edible, 9784
 Northfield School, East Northfield, Mass., carillon, duty-free entry, 17188
 Northwest (U.S.) :
 commercial wheat farms, 1965 costs and returns, 14530
 forest industries, prospective developments, 6875
 Indians, general information, 14767

Northwest (U.S.)—Continued

Pacific Northwest—
 current discharge at selected stations, 3543
 forest industries, production, prices, employment, and trade, 3420
 forest insect conditions, 10555
 major industrial plant sites, Puget Sound area, Wash., 5430
 month-end storage in major reservoirs, 3543
 national forest timber, measuring, GAO report, 7476
 precipitation and temperature, monthly, 3307
 water resources—
 annual peak discharge at selected gaging stations, 1965-66, 14745
 summary, 3308
 weekly runoff report, 3309
 power markets, economic base study, forest industries, 6875
 principal electric facilities, map, 7377
 timber-cutting practices, need for effective controls, Forest Service, GAO report, 16345
 Northwest Airlines, Inc., emergency board report, 13284
 Northwest Shellfish Sanitation Research Planning Conference, proceedings, 2526, 15276
 Northwestern States, *see* Northwest (U.S.).
 Northwestern University, auditory test, speech discrimination, using CNC monosyllabic words, 15489
 Norton, John D., PARM, introduction to post-attack recovery planning system, 659
 Norton, Virgil J., economic study of Boston large-trawler labor force, 10528
 Norton, W. I., Coast Guard reservist, 2754
 Norwalk, Conn., commodity transportation survey production area series, 8340
 Norway :
 air transport services, agreement, 15365
 fisheries, 7434
 labor conditions, 13641
 lights and fog signals, list, changes, 2483, 7960, 12408
 mineral industry, minerals yearbook chapter, 7700
 northwest and north coasts, sailing directions, change, 11144
 Norwich, Conn., reduced defense spending, potential impact, 14207
 Nose (aircraft) :
 leading edge bluntness effects on laminar boundary layer separation, 6454
 stagnation and static pressures on nose-mounted 15° conical probe, 15155
 Nosek, Stanley M., nozzle critical flow characteristics of sodium vapor, 4931
 Noss, Richard B., Cambodian, basic course, 14029
 Notes, *see* Treasury notes.
 Notice to aviators, 3278
 Notice to mariners, 5059
 Atlantic and Mediterranean, 3279
 Great Lakes and tributary waters, 3280
 Pacific and Indian Oceans, 3279
 Notices of judgment, food, drug, and cosmetic act, 3281-82
 Notices to airmen, international notams, 3079
 Notifiable diseases, *see* Contagion and contagious diseases.
 Notions, miscellaneous, census of manufactures, 1963, industry report, 5451
 Nottingham, Wayne B., thermionic conversion theoretical background, 6465
 Nova Scotia, sailing directions, change, 7954
 Novae, *see* Stars.
 Novak, Alexander S., *see* Kaznacheev, Aleksandr.
 Novak, Arthur F., radiation pasteurization of shrimp and oysters, 11430
 Novak, Miles, *see* Kaznacheev, Aleksandr.

Novikov, Ivan I., 50th birthday celebration, USSR translation, 9163
 Novoa, Angel Montero-, *see* Montero-Novoa, Angel.
 Novosibirsk, RSFSR, French diplomat visits, report, translation, 13464
 Nowakowski, Przemyslaw, relief, 5744, 8453
Nozzles:
 ablative materials as nozzle sections of—hydrogen-oxygen rocket engines, 9510
 storable-propellant rocket engine, evaluation, 9500
conical—
 analysis of supersonic flow phenomena by method of characteristics, 15164
 with controlled inlet velocity profile, turbulence heat-transfer, and boundary layer measurements, 7822, 17911
critical flow characteristics of sodium vapor, 4931
exhaust jet wake and thrust characteristics of nozzles designed for VTOL downwash suppression, 4828
expansion and flow characteristics of potassium vapor, 4953
gaseous-core nuclear propulsion system, effect of seeded propellant layer on thermal radiation in, analysis, 2415
Mach 2.22, exhausting to quiescent air, velocity profiles, etc., 16673
rocket—
 catalysis of hydrogen-atom recombination, 6341
 exhaust plume at low altitude, aerodynamic model, 16762
 large area ratio, performance of Apollo storable propellants, 15173
 materials, performance with solid propellants, 9541
 vortex flow and erosion due to warm-gas injection for thrust vector control, 4971
 thrust vector control, for Minuteman missile program, procurement, Air Force Dept., GAO report, 17709
NPPI, *see* National poultry improvement plan—Poultry.
NPS national prisoner statistics series, 5093, 15263
NRAB, *see* National Railroad Adjustment Board.
NREC technical report, 659
NRL, *see* Naval Research Laboratory.
NROTC, *see* Naval Reserve Officers Training Corps.
NSF, *see* National Science Foundation.
NSLI, *see* Life Insurance—National service life Insurance.
NTC, *see* National Teacher Corps.
NTID, *see* National Technical Institute for the Deaf.
NTIP, *see* Turkey.
Nuclear chemistry, *see* Radiochemistry.
Nuclear desalination equipment of low capacity, USSR, 2220
Nuclear energy, *see* Atomic energy.
Nuclear explosions:
 cloud development studies, 15538
 containment laws for reactor vessels, 2502
 global fallout products, 11414
 hazards, indemnity provisions of atomic energy act, amend—
 hearings, 15778
 law, 17135
 reports, 15913, 15926, 16135
 Plowshare program—
 general information, 11443
 Isthmian Canal studies, 1964—
 AEC's nuclear operations, 156
 construction by nuclear methods 152
 excavation methods, 154
 excavation plan, 153
 general construction plan for sea-level canal, 157
 on-site survey program 158
 safety evaluation for air blast, ground shock, throwout, and dust, 155

Nuclear explosions—Continued
 Project Dribble, Salmon event—
 decoupled, cavity pressure and temperature measurements, feasibility, 3852
 test in salt dome, grouting mixtures employed, laboratory design, analysis, and field control, 3853
 underground detonation, structural response of test structures—
 residential-type in close proximity, 3850
 tall industrial and residential, 3851
 tests, international negotiations on cessation of weapon tests, Sept. 1962–Sept. 1965, review, 11389
underground detonations—
 ground motion and containment, Project Dribble, 5415
 off-side radiological surveillance, 6868
 Project Shoal, post-shot hydrologic safety, 6867
Nuclear explosives, *see* Atomic blasting.
Nuclear fuel, *see* Reactor fuels.
Nuclear fusion, selected articles, translations, 11412–413, 12668
Nuclear heating, *see* Heat.
Nuclear instrument modules, standard, specifications, 6862
Nuclear magnetic resonance, analysis of mixed pentaerythritol, dipentaerythritol, and 1,1,1-trimethylolpropane esters, 1383
Nuclear Marine Propulsion Conference, proceedings, 1676
Nuclear ordnance, *see* Atomic ordnance.
Nuclear physics:
 nuclear installation at Rumanian Atomic Physics Institute, 14841
 Pegram Laboratories, progress report, 8287
 reactor physics efforts required in support of fast breeder development program, 11440
Nuclear power, *see* Atomic energy.
Nuclear power plants, *see* Nuclear reactor power plants.
Nuclear powered ships:
 naval nuclear propulsion program, hearing, 8483
 NS Savannah—
 executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
 liability during private operation, agreement with—
 Italy, 9729
 Netherlands, 11261
 nuclear marine propulsion, conference proceedings, 1676
 personnel, ionizing radiation effects on eyes, 14991
 submarine, general information, 5422
Nuclear propulsion, *see* Propulsion.
Nuclear radiation, *see* Radiation.
Nuclear reactions, optimum target orientation in experiments, 1278
Nuclear reactor power plants:
 application of installation for water desalination with simultaneous production of electric power, USSR study, 2210
 boiling nuclear superheater (BONUS), power station, Punta Higuera site, Puerto Rico—
 project completion report, 15537
 startup summary report, 5383
 abstract, 8278
 Canadian and American progress in construction, use, etc. (remarks), 9933
 civilian power program, AEC authorizing legislation, 1967, hearings, 8482
 combination nuclear power and desalting plant, engineering and economic feasibility studies, 5412, 6863–64

Nuclear reactor power plants—Continued
 combination nuclear power desalting project—
 hearing, 17150
 report, 17497
 comparison with coal fired power plants for TVA system, 14046
 dual purpose electrical power generation and desalting project in California, U.S. participation, report, 16145
 electromagnetic alkali metal pump research for spacecraft power systems, 6332
 1000 MWe supercritical pressure nuclear reactor plant study, progress report, 161
 sodium components development program meeting, proceedings, 5386
 unified digital instrumentation and control system, feasibility study, 15536
 use of Beloyarsk atomic power reactors for dual-purpose desalinization systems, 2198
 water systems of ordinary and atomic power plants, corrosion studies, USSR, 924
 Nuclear reactors, *see* Reactors (atomic).
 Nuclear rockets, *see* Rockets.
 Nuclear safety, review of recent developments, 3283
 Nuclear science:
 abstracts, 3284
 Government-wide index, 3025, 12759
 index, 3285
 cumulative report number, with public availability citations, 3857, 6871, 8302
 demonstration center, Atoms in Action, information, research and teaching program (remarks), 15544
 European Nuclear Research Center, Switzerland, International, activities, 4602
 John H. Williams and nuclear science in Minnesota (remarks), 8300
 research and education possibilities (remarks), 9935
 Rumania, developments, translation, 13482
 series, 1678-79, 14236
 single particle energy levels and wave functions in nuclear structure calculations, Fortan program, 16720
 Nuclear tests, *see* Nuclear explosions.
 Nuclear warfare, *see* Atomic warfare.
 Nuclear weapons, *see* Weapons.
 Nucleate boiling, critical heat flux for saturated pool boiling from horizontal and vertical wires in reduced gravity, 4905
 Nucleation, *see* Phase studies.
 Nucleoproteins, protein-deficient ribonucleoprotein particles and ribosomal protein, reconstruction of biologically active ribosomes, 10774
 Nucleotides, composition of deoxyribonucleic acid in pasteurized, USSR study, 10831
 Nuclides, *see* Radionuclides.
 Nude cold-cathode gages, *see* Ionization gages.
 Nugent, R. C., preshot investigations, Project Pre-Schooner, Nevada test site, Feb. 1964, 151
 Numbers:
 law of large numbers and social statistics, USSR study, 4690
 standardization of numerals on highway signs, reference guide, 16815
 Numerical analysis, *see* Numerical calculations.
 Numerical calculations:
 antenna cut-back factor for LF radio waves, 6480
 applications of rate diagrams to analysis and design of class of on-off control systems, 10952
 area computation, right-of-way traverse, electronic computer program, 5126
 calculating charge distribution about space vehicle, computer program, 6346

Numerical calculations—Continued
 calculation of admittance of parallel plate capacitor containing toroid-shaped sample, 13867
 carbon dioxide spectral line positions and intensities calculated for 2.05 and 2.7 micron regions, 9555
 design of numerical filters for geomagnetic data analysis, 12338
 electron guns, Pierce-type, 16760
 energy and angular distributions of electrons ejected from helium by protons, 16695
 farmers' handbook of financial calculations and physical measurements, 16919
 gas-surface interactions, 10949
 ice-soil retaining structures, 11891
 methods used in oceanographic research, USSR studies, 2192
 nonequilibrium channel flow of multicomponent gaseous mixture in near-equilibrium region, computing, 6460
 numerical techniques, Antisubmarine Warfare Environmental Prediction Services manual, 13900
 OMNITAB computer program, analysis, 7911
 planetary perturbations, general, expansion of disturbing force, computation, 6412
 proposed equation for calculation of forces on sphere accelerating in viscous fluid, verification, 15508
 solutions for blunt axisymmetric bodies in supersonic spherical source flow, 7891
 small watershed flood routing techniques, 8125
 temperature of water in active layer of White Sea, method of calculating, USSR study, 12157
 vertical temperature profile in sea, calculating, USSR study, 12159
 viscosity in molten salts (oxides), 7901
 waterflood performance calculations, use of shape factors and channel volumes from potentiometric model, computer techniques, 12239
 Numerical lists and schedule of volumes of reports and documents:
 88th Congress, 1st session, errata, 2518
 89th Congress, 1st session, 9620
 Numerical stimulation of ionospheric wave interaction experiments, 1300
 Numismatics:
 ancient science, survey of its history, 5039
 new publications, announcement and order form, 6567
 Nunge, R. J., laminar dispersion in capillaries and counterflow transport, 851
 Nurse Corps, Army:
 facts about Army Nurse Corps, 5380
 male nurses, regular commissions, authorize—
 law, 15776
 reports, 12991, 17494
 Walter Reed Army Institute of Nursing, educational opportunities for students, 3844
 Nurse Corps, Navy:
 male nurses, regular commissions, authorize—
 law, 15776
 reports, 12991, 17494
 Nurseries, *see* Day care of children.
 Nurseries (horticulture):
 application of granular herbicides to ornamental plant materials, 14103
 bibliography, 12502
 see also Forest nurseries.
 Nursery schools, *see* Day care of children.
 Nurses and nursing:
 employment outlook, 9270
 liability in good Samaritan cases, reheve, law, 441
 looking for nurses, fill your needs through Professional Placement Network, 11887
 LPN, the gentle people, 8848

Nurses and nursing—Continued

nurse-midwifery, practice in United States, 12732
 nurses' aide in nursing home, instructor's manual, 9627
 nursing in occupational health, 1426
 nursing part time in industry, guide to voluntary and official agencies on how to develop, etc., in small establishments, 1427
 occupational health nurses, initial survey, 13979
 personnel, health manpower source book, 13969
 practical, licensing, etc., in D.C., amend act—
 law, 15708
 reports, 15851, 16088
 professional nurse traineeship program, PHS short-term training courses, 8001, 12485, 18077
 programmed course, closed drainage of chest, 9623
 psychiatric-mental health trainee stipends, 11110
 institutions offering for graduate and undergraduate education, 11113
 Public Health Service, new career opportunity in psychiatric mental health nursing, 9558
 registered nurses, traineeships under Public Health program, 1436
 research grants and awards, 12464
 research grants, projects, 1955-65, 1434
 space needs for schools of nursing, guide for projecting, 13965
 temperature, pulse, and respiration measurement, programmed notebook for nursing assistants, 13995
 training act of 1964—
 project grants, list, 18059
 student loan program, 18064
 Veterans Administration nurse, rewarding career, 18136
see also Medical Specialist Corps, Army—Nurse Corps, Army—Nurse Corps, Navy.
Nursing, *see* Nurses and nursing.
 Nursing Division, PHS, research grants and awards, 12464
Nursing homes:
 aged, conditions of participation for extended care facilities under health insurance program, 8024
 and related facilities, industry wage survey, 9335
 care of veterans in Alaska and Hawaii, eliminate certain requirements, reports, 10134, 11744
 employees in nursing and personal care homes, 1964 statistics, 15310
 industry, industrial services, 4332, 7328
 minimum wage and overtime protection, study, 5223
 mortgage insurance, FHA program, 13321
 Nation's nursing homes, conditions and problems, hearings, 565, 1926
 nurses' aide, instructor's manual, 9627
 veterans nursing care programs, operation, review, hearings, 11689
 Nussbaum, William, and wife, relief, 15812
 Nutrients, *see* Nutrition.

Nutrition:

better eating for head start in child development centers, 4272
 bitterbrush, levels under natural and thinned ponderosa pine, 8963
 child nutrition act of 1966—
 hearings, 13010
 reports, 12985, 15890
 dairy cattle, recent developments, 9779
 East Pakistan survey, 18066
 eat to live better, 6765
 key nutrients, 8157
 lessons, guide for extension home economists, 8159
 meal planning made easy, 6766

Nutrition—Continued

nutrition program news (periodical), 3286
 requirements for survival in cold and at altitude, symposia, proceedings, 14185
 research careers, 9825
USSR—
 conference, 925
 food concentrates and their utilization in home, 9129
 studies, 6134
 talks, 10835
 value of food available for consumption, 5270
 value of home-prepared foods, calculating, 9781
 Nutrition Laboratory, *see* Army Medical Research and Nutrition Laboratory.
 Nutrition of plants, *see* Plants.
Nuts:
 foreign agriculture circulars, 2987
 tree nuts, production, value, by States, 14039
 U.S. standards, check list, 8791
 Nuttall, C. J., jr., performance of sand under tire loads, 4336
Nylon:
 bit removes cork insulation without damage to substrate, 9464
 phenolic, effect of nylon grain size on ablation, 13810
 shock absorber for parachutes, 6404
 Nysmith, C. Robert, impact of high-fineness-ration projectiles into thick targets, 7841

0

O.A.R., *see* Aerospace Research Office.
 O.A.S.D.I., *see* Old age, survivors and disability insurance.
 O.A.S.I. series, 1466-68, 2563, 5143-44, 6604-8, 8025-26, 9654-56, 11227-229, 12510-512, 15327-330, 16830-833, 18100
 O.C.S., *see* Officer candidate schools.
 O.M.E., *see* Minerals Exploration Office.
 O-rings, *see* Rings.
 Oahu, principal electric facilities, map, 7381
Oak:
 black, crown and tree weights, 17688
 red oak lumber use for portable hog feeder, 10591
 strumella canker, description, control, etc., 16322
 Oak Glen, training camp for unemployed youth, 14961
 Oak Ridge National Laboratory:
 low-background whole-body counting facility design, 6857
 master analytical manual—
 indexes, 9925
 supplement, 9926
 Oak wilt, Eastern United States, control programs, appraisal, 10590
 Oakland, Calif.:
 area wage survey, metropolitan area, 9323
 commodity transportation survey, production area series, 9959
 OAR, *see* Aerospace Research Office.
 OAS, *see* Organization of American States.
 OASDI, *see* Old age, survivors and disability insurance.
 OASI series, 1466-68, 2563, 5143-44, 6604-8, 8025-26, 9654-56, 11227-229, 12510-512, 15327-330, 16830-833, 18100
Oats:
 futures—
 commitments of traders, 2765
 trading and open contracts, 3014
 Obert, Leonard A., creep in model pillars, 4790
 Obesity, weight control, 16792
 Obituaries, Kononov, Nikolay V., 14809
 Oblation, Apollo afterbody heat transfer and pressure, 16683
 Obligations, *see* Contracts.
 Oblique impact of solid body on soil, 16429

INDEX 1966

- OBR series, 339-347, 1772-74, 4004-15, 5550-52, 7006-11, 8430-33, 10023-30, 11513-521, 12771-786, 14323-327, 15645-651, 17055-58
- O'Brien, Donough, rare inborn errors of metabolism in children with mental retardation, 8374
- O'Brien, Edward J., relief, 5750, 8449
- O'Brien, Gerald D., address, Nov. 3, 1965, 1389
- O'Brien, Harold W., impactors for hydrometeor sampling, 8248
- O'Brien, Lawrence F.:
addresses—
Nov. 4, 1965, 1394
Nov. 30, 1965, 2509
Jan. 29, 1966, 5084
Feb. 8, 1966, 5085
Feb. 10, 1966, 5083
Apr. 14, 1966, 8015
May 21, 1966, 11171
May 27, 1966, 11170
Aug. 10, 1966, 13920
Aug. 12, 1966, 13919
Aug. 15, 1966, 13916-917
Aug. 17, 1966, 13918
Aug. 29, 1966, 15258
Sept. 26, 1966, 16778
Sept. 29, 1966, 16777
Oct. 5, 1966, 16776
Oct. 10, 1966, 16775
- O'Bryan, Deric, Gunpowder Falls, Md., uses of water resources today and tomorrow, 6041
- Observatories, *see* names of observatories.
- Occupational Classification, Interagency Committee on, *see* Interagency Committee on Occupational Classification.
- Occupational diseases:
labor hygiene and occupational diseases, USSR studies, 7617, 10742, 10746, 12187, 13544
USSR studies, 10769
- Occupational health, *see* Health—Hygiene.
- Occupational health nurses, initial survey, 13979
- Occupational hygiene in painting of manufactured articles with synthetic lacquers and paints, USSR, 1028
- Occupational instructors, *see* Teachers.
- Occupational outlook report series, 9207-9, 9314
- Occupational pathology, 12140
- Occupational therapists, employment outlook, 9255
- Occupational training, *see* Training.
- Occupations:
aptitude pattern structure, norms, general aptitude test battery, manual, 16246
Army, recruiting & career counseling journal, 3457
care and rehabilitation of mentally retarded, 14569
career in space science and technology, guidebook, 10973
career opportunities—
Air Force—
civilian careers, from quadrangle to Pentagon, 6800
civilian scientists, engineers, etc., 15485
attorneys in IRS, Office of Chief Counsel, 857, 17741
broadcasting, intern program, 5197
Census Bureau, 270
Commerce Department—
business, domestic and international, 5547
management analysts, 7002
computer trainee, 4560
crops research, 1594
Defense Supply Agency, 17605
civilian program for quality assurance and control, 16210
civilian program for supply management, 8806
- Occupations—Continued
career opportunities—continued
Education Office, training for leadership, 17627
Engineers Corps, Army, 16252
entomology research, 1593
estate tax examiners, 4561
Food and Drug Administration, pharmacologists, 8947
Foreign Service, 8055
Foreign Service in USIA, 2618
geography, professional field, 10423
Goddard Space Flight Center, scientists and engineers, 9389
health services, job development and training for workers, 14759
liberal arts and science graduates, prospective jobs, college courses, etc., guide, 17630
Maritime Administration, 2311, 17828
Navy—
lawyer, rewarding career, 9189
surface junior officers, career planning information, 1342
planning for Army officers, 1647
programmers, 4567
Public Health Service, psychiatric-mental health nursing, 9558
Public Roads Bureau highway engineering training program for college students, 5129
repairman or mechanic, 16542
research in nutrition, food science and food economics, 9825
research in OAR, 5324
revenue agent, 4568
revenue officer, 4569
safety officers, Army Department and other Federal agencies, 8389
State Department—
communications and records, domestic and overseas assignments, 2574
secretaries, stenographers, typists, 8067
tax technician, 4571
technical occupations, 5870
Treasury enforcement agent, 5196
United States Information Agency, 5198
Veterans Administration—
automatic data processing, 18139
career occupational series, 18136
Department of Medicine and Surgery, physicians, 16894
veterinarians, Agriculture Department, 14145
wage-hour investigator, 12557
women officers in Armed Forces, 11847
careers in apprenticeship, brief description, 16954
conservation, foresters, forestry aids, range managers, 9224
cooks, training program for delicious career, 10427
counseling girls toward new perspectives, 12569
dictionary of occupational titles, 1985, 13288
conversion table, 4325
training manual, 666
electric light and power, employment outlook, 9299
employed poor, their characteristics and occupations, 10877
English and your career, 7672
factors in job-satisfaction, 14191
Federal, career directory for college students, 8400
Federal position classification plan, 3033
flight standards career planning FAA handbook, 2003
foreign languages and your career, 10876
future jobs for high school girls, 11328
hazardous duty pay for government employees, amend classification act—
hearing, 8788
law, 12837
report, 16070

Occupations—Continued
 health careers guidebook, 1987
 jobs overseas, questions and answers, information, 13287
 library science, 10434
 local information, reports by State agencies, list, 13286
 mathematics and your career, 7675
 mental health career development program, conference proceedings, 15295
 Naval, analysis, handbook, 13905
 Navy, manual for civilian guidance counselors, etc., 16752
 occupational peculiarities of perception of one human being by another, USSR study, 7569
 occupational test development, changing emphasis, 663
 outlook—
 handbook, 6257
 quarterly, 3287
 publications, price list, 11178
 science and your career, facts about training, 7677
 service occupations, training under manpower development and training act, 7642
 social science and your career, 13647
 sociological studies, bibliography, 1082
 space careers, learning about industry, 10972
 specific, general aptitude test battery, norms, USES manual, 16247
 trade & technical skills in Peace Corps, 9610
 USES tests, program research on effectiveness of counselling techniques, 1989
 see also Agricultural occupations—Employment—also names of occupations, industries, etc.

Ocean:
 characterization of particular matter, 16767
 CHENIS container for lowering liquid dye to any sea depths, USSR study, 14799
 commerce, surface effect ships, study of technological problems, report, 5561
 convergence-zone-measured sound pressures in deep ocean compared with pressures computed from sound speed depth function, 2495
 discriminatory freight rates and balance of payments—
 hearings, 1792, 14369
 report, 14370
 effective use of sea, panel report, 13947
 freight rate guidelines for shippers, 12770
 freight rates on military cargoes, by U.S. flag vessels reduced—
 hearings, 14478
 reports, 16109, 17314
 gravimeter investigation, USSR study, 877
 gravimetric measurements on gyro-stabilized base from surface vessels, USSR study, 876
 homogenous, steady-state wind circulation, USSR study, 14843
 hydrochemical determinations at sea, USSR studies, 2165
 International Council for Exploration of Sea, convention, 13079
 law of the sea, convention on fishing and conservation of living resources of high seas, 12527
 light measurements in study of primary production in sea, USSR study, 14798
 physics of, USSR studies, 13466
 pollution by oil, international convention for prevention, amendments, implementing—
 law, 15730
 reports, 12911, 14464
 sea dye marker provides visibility for 20 hours, 13749

Ocean—Continued
 sea rescue operations with buoyant Stokes litter assembly, 4856
 subsurface cavitation as source of noise, USSR study, 13559
 thermal structure forecasting, ASWEPS manual, 12411
 transportation, freight rates, Action Committee report, 7005
 USSR, acclimatization of fish and food organisms in seas, 2223
 see also Ocean temperature—Sea ice—Waves—also name of ocean.

Ocean cruises, see Cruises.

Ocean currents:
 Atlantic subsurface equatorial counter-current, distribution of salinity and temperatures, USSR study, 893
 marine telluric currents, magnetic fields, USSR study, 13525
 oceanic circulation and Ekman's problem, USSR study, 13471
 rhythmic phenomena in Gulf stream, USSR study, 9150
 Roberts radio current meter manual, 6981
 Ocean Islands, see Gilbert and Ellice Islands.

Ocean temperature:
 Atlantic Ocean, distribution by subsurface equatorial countercurrent, USSR study, 893
 sea surface temperature determination using satellite infrared data, 9440
 surface water, Atlantic coast, 3991
 table of sigma-t with intervals of 0.1 for temperature, 7441
 vertical, profile in sea, calculating, USSR study, 12159

Oceanla:
 agricultural production, indices, 586S
 agricultural situation, 7291, 14546
 language, classification, Library of Congress, 4741

Oceanographer (ocean survey ship):
 use for ocean environmental research, general information, 11903

Oceanographers:
 employment outlook, 9233
 trainee, examination announcement, 298

Oceanographic Data Center, National, see National Oceanographic Data Center.

Oceanography:
 applications of nuclear energy (remarks), 167
 Biological Laboratory, Honolulu, progress in 1964-65, activities, 8939
 cable length determinations for deep-sea oceanographic operations, 14314
 calculation methods used in research, USSR studies, 2192
 dissolved-oxygen analyzer for oceanographic use, final report, 12651
 effective use of sea, panel report, 13947
 fishery and oceanography translations (periodical), 2978
 Fishery-Oceanography Center, La Jolla, Calif., research facilities, 2038
 Grand Banks region of Newfoundland, 14317
 Indian Ocean, international expedition cruises, track charts, 15232
 joint Russian-Cuban studies, 16489
 marine geophysics, recent studies, USSR, 6126
 marine resources and engineering development act of 1966—
 law, 11563
 report, 10166
 marine sciences research, 8301
 National Oceanographic Data Center—
 publications, 6519-24, 7953, 9577-85, 15231-232
 quarterly accessions, 13892
 non-acoustic methods of submarine detection, 2254

- Oceanography—Continued
 - oceanographic activities behind Iron Curtain, report of U.S. congressional delegation, report, 12988
 - oceanographic report, 14317
 - oceanographic terms, glossary, 15239
 - radioisotope applications in hydrospace, evaluation, 11416
 - research, development, testing, and evaluation at Naval Oceanographic Office, 17971
 - scientific and technical personnel, 17649
 - sea grant colleges and program act—
 - hearings, 11825, 14431
 - reports, 15863, 16081
 - seagoing research vessels, Academy of Sciences, USSR, 6165
 - specialists, Moscow State University, training, 894
 - under sea vehicles, 4365
 - underwater magnetic measurements on drifting station, USSR study, 13517
 - underwater research, recent developments, USSR study, 14909
 - university curricula, 17650
 - USSR—
 - oceanological research laws, discussion, 16430
 - recent developments, 6117
 - recent studies, 9096, 10789
 - water masses, general circulation, USSR study, 16439
 - see also* Hydrooptics.
- Oceanography, Interagency Committee on, *see* Interagency Committee on Oceanography.
- Oceanology, *see* Oceanography.
- Oceans of truth (remarks), 15542
- Ock Wah Wong, *see* Hom Sheck See, and wife.
- O'Connor, Charles M.:
 - industry wage survey—
 - cigarette manufacturing, 4732
 - paints and varnishes, 17812
- O'Connor, William F.:
 - effects of decompression on operator performances, 11448
 - hypoxia and performance decrement, 15557
- OCS, *see* Officer candidate schools.
- Oculomotor nucleus, electrical stimulation, effects of stimulus frequency, 15492
- Odar, Fuat:
 - simulation of drifting snow, 6832
 - verification of proposed equation for calculation of forces on sphere accelerating in viscous fluid, 15508
- O'Dell, Charles A., analysis of wool market news and its importance to marketing efficiency, 13261
- Odessa, Tex., area wage survey, 16532
- Odessa oblast, Ukrainian SSR, centralized industrial administration, USSR study, 9131
- O'Donnell, Patricia M., kinetics of fluorination of iron, 15180
- Odontoceti, *see* Cetacea.
- Odors, community surveys and evaluation (paper), 15274
- OEC, *see* Organization for Economic Cooperation and development.
- Ordemeridae, *see* Beetles.
- OEDP (overall economic development programs), *see* Redevelopment (city planning, etc.).
- OEO, *see* Economic Opportunity Office
- Oettinger, Katherine B., care of your children's teeth, 12733
- Off dead center, some proposals to strengthen free world economic cooperation, 1793
- Office buildings:
 - Federal, Fort Worth, Tex., name in honor of Fritz Garland Lanham—
 - law, 15723
 - reports, 8545, 13185
 - International Pacific Halibut Commission authorize construction, hearings, 17390
 - provide, report, 488
- Office employees:
 - office assistant—
 - clerical and office machine operator positions, examination announcement, 6972
 - examination announcement, 17048
- Office furniture and equipment:
 - business machines—
 - and equipment in France, 7007
 - market data in Sweden, 10023
 - census of manufactures, 1963, industry report, 5450, 6899
 - Federal item identification guides for supply cataloging, supplements, 2939
 - House of Representatives Members, remove certain limitations on equipment furnished, law, 442
 - office machines, current industrial reports, 5483
 - shipments by manufacturers, current industrial reports, 258
 - see also* specific types of furniture, etc.
- Office machine operators:
 - employment outlook, 9214
 - examination announcement, 6972
- Office machine servicemen, employment outlook, 9217
- Office machines, *see* Office furniture and equipment.
- Office management, need for, and development of interagency management information systems, presentation, 15561
- Office of Special Assistant to the President for Consumer Affairs, *see* Special Assistant to the President for Consumer Affairs, Office of.
- Office supplies:
 - and devices, Federal item identification guides for supply cataloging, supplements, 2939
 - census of manufactures, 1963, industry report, 5451
- Officer candidate schools:
 - become a leader, apply for OCS, 14219
 - selection of officer candidates, research, 15525
 - think, OCS means prestige, being a leader, more pay, 12665
- Officers, *see* Armed Forces—Safety officers—*also* names of services to which officers belong.
- Offices:
 - hygiene in commerce and offices, ILO convention, text, etc., 17159
 - insurance industry, impact of office automation, 4730
 - see also* Office buildings,
- Official gazette of Patent Office, 3288
- Official publications, *see* Government publications.
- Official records of Union and Confederate Armies, 1861–65, guide-index, introduction, 14313
- Official standards of United States for grades of wool, 11837
- Offset lenses add versatility to phototypesetting machine, 9480
- Offset printing, modified procedure speeds camera copy layout, 2392
- Oganovic, Nicholas, J., address, Sept. 8–10, 1965, 1759
- Ogden, Daniel M., Jr.:
 - remarks—
 - Apr. 15, 1966, 9601
 - Apr. 30, 1966, 9603
- Ogee wing, *see* Wings (aircraft).
- Ogives:
 - cylinder, pressure distributions due to 2-dimensional fabrication-type surface roughness of transonic speeds, 15148
 - tangent, bodies of revolution, Newtonian aerodynamics, 7857
- Ogotoruk Valley, environment of Cape Thompson region, Alaska, 11432
- O'Hara, Barratt, costs of world peacekeeping, 7104

O'Hayre, John, gobbledygook has gotta go, 9341

Ohio:

- aeroradioactivity survey and areal geology, 11418
- census of business, 1963, retail trade, area statistics, 3876, 6883
- climatological data, 2751
- congressional districts, 90th Congress, 17017
- county business patterns, 1728
- electric rate book, 13326
- hardwood circular sawmills, cause and cost of production delay, 5977
- landings, fishery products, 3194, 16294
- life tables, 18043
- manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- mineral industry, minerals yearbook chapter, 2339
- Monroe Soil and Water Conservation District woodland, grassland, and water conservation (colored poster), 9694
- postal map, 13940
- precipitation data, hourly, 3045
- women—
 - family and property law, summary, 11324
 - labor laws, summary, 11325
 - workers, 8118

Ohio River and Valley:

- alluvial deposits in Kentucky, hydrology, 4530
- Cannelton main lock, filling and emptying system, etc., hydraulic model investigation, 7336
- daily Ohio River bulletin, 2824
- floods of Mar. 1964, 531
- Hannibal Locks and Dam, spillway, hydraulic model investigation, 13297
- surface water of basin, records to Dec. 31, 1963, index, 2096
- surface water quality of basin, 832
- Ohio River Division Laboratories, miscellaneous paper, 11894
- Ohio State University, mass spectrometer, duty-free entry, 389
- Oil, *see* Oils—Petroleum.
- Oil and Gas Office, appropriations, 1967, hearings, 7113
- Oil fields, *see* Petroleum.
- Oil Import Administration, press releases, 3393
- Oil Import Appeals Board, decisions, 3292
- Oil pipe lines, *see* Pipe lines.
- Oil sand, *see* Sandstone.
- Oil shale, gas-combustion oil-shale retorting process, Mines Bureau development, 10908
- Oil well logging, guard electrodes, response, 10921
- Oil wells, *see* Petroleum.
- Oilfields, *see* Petroleum.
- Oils:
 - census of manufactures, 1963, industry statistics, 8329
 - chemically modified products and industrial uses, publications and patents, list, 9785
 - current industrial reports, 2817
 - DC 704 diffusion-pump oil fragmentation, mass spectrometric analysis, 1248
 - fats and oils situation, 2914
 - Federal item identification guides for supply cataloging, supplements, 2937
 - foreign agriculture circulars, 2987
 - foreign trade in marine-animal oils, 741
 - light, from fluidized carbonization, analysis, 6312
 - metal soap-oil systems, behavior, 12437
 - outlook (talk), 4290

Oils—Continued

- reservoirs, partly depleted, repressured with gas, material balance equation for, derivation and application, 9383
- see also* Fuel oils—Lubricants—*also* names of oils.

Oilseeds:

- composition, publications and patents, list, 9782
- crop, safflower, growing, etc., 16923
- outlook (talk), 4290
- production and foreign demand (address), 9809

O'Keefe, J. A., lunar structures as deduced from Muong Nong tektites, 15172

Oklahoma:

- Arbuckle Soil and Water Conservation District, irrigated coastal bermudagrass replaces brush (colored poster), 9695
- census of business, 1963 retail trade, area statistics, errata, 189
- climatological data, 2751
- county business patterns, 236, 17003
- district court, eastern and western districts, transfer of counties—
 - law, 17095
 - report, 13158
- electric rate book, 4383
- Indians, culture and civilization, 4546
- iron and steel scrap, 9360
- life tables, 18044
- manufacturing plants, location by county, industry, and employment size, 1963 census, 16996
- mineral industry, minerals yearbook chapter, 1139
- Osage pasture report, 15375
- precipitation data, hourly, 3045
- Oklahoma State University, mass spectrometer-gas chromatograph duty-free entry, 375
- Okpilak River and Valley, soils, development under Arctic environment, 15506
- Okuno, Arthur F., ablative and insulating properties of outgassed boron nitride and boron nitride composite, 17922
- Olcott, Perry G., geology and water resources of Winnebago County, Wis., 10649
- Old age, *see* Aged—Centenarians.
- Old-age and survivors insurance, OASI series, 1466-68, 2563, 5143-44, 6604-8, 8025-26, 9654-56, 11227-229, 12510-512, 15327-330, 16830-833, 18100
- see also* Old age, survivors and disability insurance.
- Old-age assistance:
 - cases, specified types, monthly cost standards used by States, 7343
 - State plans, characteristics under social security act, 8869
- Old-age, survivors, and disability insurance:
 - additional interest earnings of trust funds from 1960 interest rate amendments, 5141
 - benefits for workers retiring before 65, 1470
 - concurrent receipt of public assistance, tabular release, 17643
 - experience under OASDI system compared to short-range cost estimates, 6603, 11226
 - farmers and farm workers under, 15332
 - handbook of statistics, 1464
 - increase benefits, social security amendments of 1965—
 - law, print additional copies, report, 13005
 - Senate amendments, brief description, 1937
 - summary, 7209
 - monthly family benefits under 1965 amendments, 5140
 - mortality study of charter beneficiaries, 18098

- Old-age, survivors, and disability insurance—Continued
 - OASDI benefit increases resulting from conversion of monthly rates under 1965 amendments, 1462
 - payments, farm rental income, effect, 18100
 - provisions, legislative history, 2564
 - retirement experience of old-age beneficiaries, 8022
 - social security amendments, 1965, new benefits awarded, 2567
 - social security rulings, 3519, 6613
- Old Georgetown Market:
 - preservation and use—
 - law, 15767
 - reports, 8642, 16116
- Older Americans, Advisory Committee on, *see* Advisory Committee on Older Americans.
- Older persons, *see* Aged.
- Older workers, *see* Labor.
- Oldham, William J. B., jr., calculations of energy and angular distributions of electrons ejected from helium, 16695
- O'Leary, Timothy J.:
 - effect of mastication, etc., on tooth mobility, 9867
 - effect of tube-type diet and stress-inducing conditions on tooth mobility, 12632
 - oral hygiene procedures in presence of tube-type diet, 12633
- Oleoresins, yields, conversion from short-season microchipping to full-season yields from standard chipping, 4454
- Oleson, M. W., mechanical shock measurement, 12427
- Oligopsony, do lettuce buyers exert oligopsony power, 4281
- Olinger, Arthur J., relief, 13101
- Oliver, Thomas K., jr., neonatal respiratory adaptation, 18062
- Olives, canned ripe, standards for grades, 16199
- Olsen, L. P., Genetics Workshop of Society of American Foresters, etc., 14716
- Olsen, William A.:
 - cryogenic propellant liquid insulation from heat leak by propellant and its sacrificial boiloff, 9508
 - interfacial heat and mass transfer in pressurized tank containing liquid hydrogen, 6425
 - simulator for static liquid configuration in propellant tanks, etc., 9509
- Olson, Richard D., Naval research reviews, 3248
- Olson, Ronald J., relief, 15804
- Olzowa, Wanda, relief, 8518, 11547, 11723
- Olympic games, hold 1972 winter games in Utah, invitation, reports, 5787, 8574
- Olympic National Park:
 - general information, 13885
 - natural history handbook, 5047
 - revise boundaries, hearings, 14488
- Omaha, Nebr., area wage survey, metropolitan area, 4722
- Oman, Richard A., numerical calculations of gas-surface interactions, 10949
- Oman:
 - background notes, 16851
 - mineral industry, minerals yearbook chapter, 4775, 17846
- Ombudsman, Swedish office, guardian of people's rights against government, hearing, 10354
- OME, *see* Minerals Exploration Office.
- Omegatron operating parameters of mass spectrometer in ultrahigh vacuum, 4908
- Omnidirectional antennas transmit and receive over large bandwidth, 7787
- Omniranges, VHF equipment, maintenance, FAA handbook, 8874
- OMNITAB, *see* Electronic computers.
- On-the-job training, *see* Employee training.
- Onanian, Edward D., analysis of work stoppages, 2297
- Oncologists:
 - all-Union conferences, 13552, 16417
 - all-Union Society Board, report on 1958-65 activities, resolution of Council of Scientific Medical Societies, 10737
- Oncology:
 - experimental, symposium, USSR résumé, 10768
 - oncological research at Budapest institutes, USSR report, 17767
- Oncorhynchus, *see* Salmon.
- 100 years after, newsletter of Civil War Centennial Commission, 3293
- O'Neal, Russell D., nomination, hearing, 17571
- Oneida, Lake, water pollution, control, etc., hearing, 17381
- Onions:
 - canning or freezing, marketing agreement or order, develop, law, 431
 - market diseases, 16920
 - stocks, 5177
- Onondaga, Lake, water pollution, control, etc., hearing, 17381
- Ontario, Calif.:
 - area wage survey, metropolitan area, 6258
 - commodity transportation survey, production area series, 8347
 - World Farm Center, endorse concept, report, 17285
- Ontario, Lake:
 - small craft, gale and whole gale warning facilities chart, 15423
 - water pollution, control, etc., hearings, 15974, 17381
- Ontogeny, population dynamic patterns of animals, contemporary problems, USSR study, 6180
- Open space for urban America, 5204
- Operating engineers, employment outlook, construction machinery operator, 9256
- Operation BREN (bare reactor experiment Nevada):
 - post pulse gamma-radiation spectrum, 11420
- Operation Dominic, radionuclide content of foodstuffs collected at Christmas Island, etc., 8297
- Operation Golden Eagle:
 - directory of Federal recreation areas requiring entrance and user charges, 11164
 - outdoor recreation, questions and answers on fees, 9602
- Operation Henre (high energy neutron reactions experiment):
 - intense 14-Mev neutron source, feasibility study, 11421
 - operations plan, 143
- Operation SAM, systems analysis module for development of comprehensive Indian health program, 15292
- Operations (surgical), *see* Surgery.
- Ophthalmic products, census of manufacturers, 1965, industry report, 11453
- Ophthalmologists, dispensing of eyeglasses, hearings, 7221
- Ophthalmology:
 - ametropia, physiologic variations of depth of anterior chamber, 5328
 - detection of circular light signals in relation to shape and color identification, 8213
 - developments, USSR study, 963
 - electrical stimulation of oculomotor nucleus, effects of stimulus frequency, 15492
 - instruments and apparatus, USSR study, 13524
 - scototactic response in cat, 12645
 - USSR studies, 12151
- Ophthalmoscopy, *see* Television ophthalmoscopy.
- Opinions, *see* names of courts, etc., rendering opinions—also subject involved.

- Opium :**
disposal from national stockpile—
hearings, 11643
law, 11573
reports, 10153, 11754
traffic, 15035
- Oppelt, Walter H.,** Lurgi-gasifier tests of Pittsburgh-bed coal, 4799
- Optical calibration analysis of U.S. naval space surveillance system,** 16761
- Optical gyro pickoff operates at cryogenic temperatures,** 7784
- Optical instruments and apparatus:**
industrial plant equipment handbook, 11841
mirror, mount enables precision adjustment, 9490
optical device enables small detector to see large field of view, 12305
- Optical measurements:**
electrochemical analysis of acids, etc., by optical methods, 16717
experimental measurement of optical angular deviation caused by atmospheric turbulence and refraction, 11065
on snow, 116
- Optical mechanics, see Mechanics (persons).**
- Optical observations:**
earth's horizon from earth satellite, deriving earth-centered datum, 7880
NASA/MOTS, of ANNA 1B satellite, 4923
- Optical output enhances flowmeter accuracy,** 4888
- Optical projectors simulate human eyes to establish operator's field of view,** 4847
- Optical pyrometers, see Pyrometers.**
- Optical radiation, see Radiation.**
- Optical systems:**
absorption coefficients of fused silica in wavelength range 0.17 to 3.5 microns from room temperature to 950° C, 6440
microscopic waveguide and waveguide components, development, 4804
MIROS program, modulation inducing retrodirective followon, 7730
- Optical technicians, opticalman 3 & 2, Navy training course,** 9591
- Optical techniques for electron probe analysis,** 2497
- Opticalman 3 & 2, 9591**
- Opticians:**
Bernhard Schmidt, outstanding 20th century optician, USSR study, 6107
employment outlook, 9231
- Optics:**
direction indicator system does not require complicated optics, 16630
optical-inertial space sextant for advanced space navigation system, 10964
optical maser materials, nuclear radiation processing, 16971
optically driven switch turn-off time reduced by opaque coating, 7795
prospects for laser and optical communications, USSR study, 12122
see also Hydrooptics—Light.
- Optimal control:**
and estimation theory, combined, 9401
and nonlinear programming, 9441
learning, cybernetics and control theory, USSR study, 10717
minimax control of large launch boosters, 15053
minimax studies, 15054
- Optimal processes:**
asymptotic systems as model of process of teaching control, USSR study, 10792
celestial-inertial navigation concept for low-thrust interplanetary vehicles, analysis, 10938
optimization, theme of 2d Symposium on Extremum Problems, 13528
optimum target orientation in nuclear reaction experiments, 1278
- Optimal processes—Continued**
simplified calculation of transition matrices for optimal space navigation, 11068
weight optimization of straight finned radiators, design procedure, 15143
Optimization study of explosive-driven pile, 11397
Optimum brine heater outlet temperature in sea water conversion evaporators, 12033
Optimum earth re-entry corridors, 6342
Optimum pulse filters and signal accumulators, USSR, 16501
Optometrists, employment outlook, 10862
Optometry:
grants for training program improvement and scholarships, law, summary, 4534
group practice facilities, financial assistance for constructing and equipping—
reports, 13188, 14388, 15987, 17202, 17241, 17336
summary of House bill, 13023
practice in District of Columbia, regulate, hearings, 7130, 11647
O'Quinnivan, Michael, Marine Corps in second World War, 9349
Oral diseases, *see* Mouth.
Oral English, planning and conducting conversation classes and discussion groups, 9754
Oral health, *see* Mouth.
Oral hygiene, *see* Mouth.
Orange, Thomas W.:
effect of cold reduction, etc., on tensile properties of nickle beryllium alloy at cryogenic temperatures, 4942
evaluation of special 301-type stainless steel for improved low-temperature notch toughness of cryofomed pressure vessels, 11067
Orange, Tex., area wage survey, metropolitan area, 13599
Orange juice, frozen concentrated, standards for grades, amdt., 5830
Oraztsov, Nicholas S., neotropical Microlepidoptera, 7, new genus *Pseudomeritastis* and its species, 6495
- Orbits:**
circular and elliptic, finite-thrust escape from and capture into, 15194, 16675
determination, use of short arcs, 7819
earth, torque requirements for orientation of solar Brayton system, 2427
equations of motion, integrating for use in space navigation, 16687
equilibrium shape of array of long elastic structural members in circular orbit, 7820
fine meteoric bodies, radiants, velocities, etc., measurements, USSR study, 2251
Keplerian motion, recursive computation of coefficients of time-dependent f and g series solution, etc., 6163
- lunar—**
simplified thrust-vector orientation technique for establishing, 6458
visual simulation of ability of pilot to establish, using simplified guidance technique, 15154
lunar satellite, orbital elements, estimating by using range and range-rate measurements, study of accuracy, 4911
near-earth, separation trajectory characteristics resulting from separating 2 vehicles, 2406
orbiting radiotelescope, large, preliminary design studies, 15070
orbital testing requirements for guidance and control devices, 4813
planetary parking, with examples for Mars, 4359
rendezvous and transfer problems, computational method, 13823
satellites, numerical theory of highly inclined orbits, 2408
spacecraft, determination with respect to object in known circular orbit, 15150

Orbits—Continued
 testing requirements for guidance and control devices, 4812
 Vinti's accurate reference orbit with inclusion of 3d zonal harmonic, computational procedure, 15170
 Orcutt, John C., vapor reheat liquid-liquid heat exchange process, 14772
 Orders, *see* names of departments, etc., issuing orders—also subjects.
 Orders (sales):
 anti-friction bearings, manufacturers unfilled orders, 16988
 Ordman, Arnold, address, June 9, 1966, 11119
 Ordinance:
 and accessories, census of manufactures, 1963—
 industry statistics, 8328
 manufacturing plants, location, 11455
 Coast Guard manual, 8408
 timers, symposium, proceedings, 17979
see also Atomic ordinance—Fire control (gunnery).
 Ore flotation, *see* Flotation.
 O'Rear, J. G., analysis of acyl components of neopentyl polyol ester lubricants, 12425
 Oregon:
 Alsea River basin, water power and reconnaissance geology, 17727
 census of business, 1963 wholesale trade, area statistics, errata, 205
 climatological data, 2751
 coast pilot supplement, 5534
 congressional districts, 90th Congress, 15606
 county business patterns, 237
 electric rate book, 719
 insect outbreaks, 787
 land in Columbia River at the mouth project, retrocede jurisdiction to—
 hearing, 13018
 law, 11561
 reports, 8742, 10180
 life tables, 18045
 log production, 4480
 lower Columbia River radiological survey, 2537
 manpower use in wood-products industries, 10603
 manufacturing plants, location by county, industry and employment size, 1963 census, 16997
 Midstate Soil and Water Conservation District, alfalfa harvest in high mountains (colored poster), 9696
 mineral industry, minerals yearbook chapter, 1140
 mineral resources of Mount Jefferson, primitive area, 10636
 northwest, timber situation and outlook, 4479
 operation of fish hatcheries, cost-sharing arrangements with Commercial Fisheries Bureau, GAO review, 6023
 postal map, 13941
 precipitation data, hourly, 3045
 seed yields of perennial grasses, effect of dinuron, 14163
 water supply outlook and snow survey, 3692
 western—
 blacktail deer and Roosevelt elk, bibliography, 10616
 phormium, anatomical and agronomic studies, 14150
 spotlighting deer, potentials for management, 8962
 Oregon Dunes National Seashore:
 establish—
 hearings, 518, 13217
 reports, 8551, 8603, 13184
 Ores:
 and primary products, Federal item identification guides for supply cataloging, supplements, 2938

Ores—Continued
 miscellaneous metal, census of mineral industries, 1963, industry statistics, 14261
 Pacific belt, achievements of Academician S.S. Smirnov, USSR, 13549
see also names of metals or minerals.
 Oresund, sailing directions, change, 12402
 Organ Pipe Cactus National Monument, general information, 1334
 Organic acids, in naturally colored surface waters, 12030
 Organic chemistry:
 progress reports of Organic Chemistry Section, 1299, 17944
 reference materials, 1299
 Soviet institutions, visits by Hungarian scientist, study trip, 9105
 Organic Chemistry Section, annual reports, 1299, 17944
 Organic compounds:
 bulk water displacement from solid surface by organic liquid, 16756
 determination of trace organic materials in water, 6065
 industrial organic chemicals, census of manufactures, 1963, industry statistics, 8333
 liquids, surface chemical displacement from solid surfaces, 12433
 organic substances in water (series), 12030
 solution systems for displacing organic liquids from solid surfaces, 16768
 sulfur, mass spectra, 4788
 synthetic organic chemicals—
 production and sales, 5186
 production, preliminary report, 3338
see also names of compounds.
 Organic matter, in abyssal sediments of Black Sea, USSR study, 6149
 Organisms:
 human, oxygen utilization, 13849
 human physiological principles of conditioning, USSR study, 10810
 interaction in decay and discoloration in beech, birch, and maple, 8974
 living, information theory relation, 972
 microwaves effect on living organisms, USSR study, 1020
 radiation injuries to, hypophysis and adrenals in presence of, USSR study, 4691
 Organization:
 medical, USSR study, 16469
 problems, USSR scientific research, 16441
 theory of, as independent branch of knowledge, 10772
see also Planning.
 Organization charts:
 Air Force, 2662
 Army Department, 3036
 Federal executive departments and agencies, 8776
 Organization for Economic Cooperation and Development:
 commission for stronger Atlantic Union, establish, hearings, 8772
 expansion and interdependence, basic conditions for progress in achieving Atlantic Community growth (remarks), 2615
 Organization in industry, Odesskaya oblast, centralized industrial administration, USSR study, 9131
 Organization of African Unity, general information, 8036
 Organization of American States, headquarters site, hearings, 11807, 17392
 Organization of Congress, Special Committee on, Senate, *see* Congress, Special Committee on Organization of, Senate.
 Organizations:
 business, choosing various forms, administrative management course program, 2553

Organizations—Continued
 coal research, worldwide activities and publications, 7686
 community—
 citizen participation in voluntary democratic associations, bibliography, 1396
 focus on clean water, action program, 8932
 contributions to which are deductible for income tax purposes, list, supplements, 2813
 resolution of presidium of Supreme Soviet USSR on naming and renaming places and organizations, 950
 USSR—
 scientific, news, 13499, 13579-580
 scientific work, 17777
 see also Nonprofit organizations.
 Organized labor, see Labor unions.
 Organophosphorous compounds:
 antidotes used for intoxications, Rumanian study, 14844
 poisoning by insecticides, arterial pressure conditions at time, USSR study, 17775
 synthesis of dialkyl triorganosilylmethoxymethyl phosphinates and their hydrolytic stability, USSR study, 6129
 their action and methods of laboratory investigation, USSR study, 6120
 toxic properties of V gases, Polish study, 13531
 USSR studies, 6135
 Organs:
 body, radiation dose from inhalation or ingestion of soluble radionuclides, 15532
 transplantation, excerpts from Russian-language book, 7594
 vestibular, role in exploration of space, 6353
 Orgueil meteorite, see Meteorites.
 Orientation:
 crystallographic, effect on friction characteristics of single-crystal beryllium in vacuum, 12358
 disaster preparedness, manual for pharmacists, 5107
 electroencephalographic changes under effect of tranquilizers, USSR study, 948
 naval, 6534
 seismometer designed for remote operation in random locations, 7761
 Orifices:
 curvilinear holes in physically nonlinear elastic plates, stress concentration, 4999
 curvilinear reinforced, in shells, stressed state, near, 9548
 Orinoco River and Valley, geography of delta, 13462
 Ornithosis, see Psittacosis.
 Orphans:
 war orphans educational assistance program—
 amend law—
 law, 449
 report, 1828
 extend benefits to children of deceased or disabled Philippine veterans—
 hearings, 16195, 17397
 law, 17112
 reports, 15867, 15878, 16134
 Orr, P. W., forest insect conditions in Pacific Northwest, 10555
 Ortega, James M., on discretization and differentiation of operators with application to Newton's method, 9442
 Orthogonal functions, see Mathematics.
 Orthopedics, plastics in, USSR study, 9075
 Osborn, Ben O., soil conservation, official organ of Soil Conservation Service, 3521
 Osborn, Dale J., hedgehogs and shrews of Turkey, 1325
 Osborne, Thomas S., experiments with radiation on seeds, 5420-21

Oscillations:
 Gemini configurations, stability in pitch and yaw, 7854
 horizontal sinusoidal, effects upon performance of standing workers, 16671
 liquid surface, in longitudinally excited compartmented cylindrical and spherical tanks, 13719
 nonlinear, damping, 16709
 subsonic jet-transport airplane, model, aerodynamic damping and oscillatory stability in pitch, 4918
 traveling transverse, n-heptane vaporization in unstable combustor, analysis, 9537
 Oscillations (electric):
 hydrodynamic instabilities limiting power of boiling water reactors, 15530
 Oscillators:
 electronic super-high frequency, and plasma, USSR study, 13511
 linear mechanical, maximum response to stationary and nonstationary random excitation, 4807
 phase-lock loop swept-frequency synchronization, 17897
 radio-frequency, measures of protection, therapy and prophylaxis to be taken during work with, USSR study, 915
 Osen, Lars, rock bolts under combined loading, 16585
 Oshkosh Motor Truck, Inc., President's E award for export excellence (remark#), 11525
 Oskey, Rollo, relief, 16034
 Oslon, Genevieve, relief, 471
 Osmosis:
 reverse—
 design study of plant for sea water conversion, 9038
 for water desalination, 852, 9042, 17739
 membrane models, research and development, 4556
 membranes, polyelectrolyte complexes, 6064
 membranes, polymer systems, research and development, 4558
 membranes structure and properties, 2114
 saline water conversion, research, 7516
 ultrathin membranes, fabrication and evaluation, 9039
 OSO (Orbiting Solar Observatory), see Satellites.
 Osteen, Fred M., relief, 10109, 14343, 16039
 Osteoarthritis, prevalence in adults by age, etc., 15307
 Osteopathic physicians, employment outlook, 10863
 Osteopathy, grants for training program improvement and scholarships, law, summary, 4534
 Oswalt, Noel R., filling and emptying system, Cordell Hull Navigation Lock, Tenn., 16251
 Oswego, N.Y., principal electric facilities, map, 7374
 Otelza, Alberto, relief, 8716, 15677
 Otepka, Otto, case, hearings, 586, 4229, 7224, 8782, 10357, 11821, 17588
 Oths, Florence V., suggestions for lesson planning for manned space flight, Projects Mercury, Gemini, and Apollo, 6350
 Otis, Leon S., animal research in psychopharmacology, 1431, 18069
 Otitis media, aerotitis media in submarine recruits, 14902
 Otoo Indians:
 judgment funds, disposition—
 law, 17144
 reports, 4114, 5661, 17505
 Otolaryngology, monaural vs. binaural discrimination for filtered CNC materials, 5330, 15491
 Otoliths, role of vestibular organs in exploration of space, 6353

INDEX 1966

- OTR series, 1295-96, 6476, 11093-95, 15208
 Ottaway, Donald W., relief, 7072, 12815, 13119
 Otto, Francis L., planning for safety on jobsite, 16517
 Otto, N. E., aquatic weed control studies, 8010
 Ouachita Mountains, forest-fire danger as related to air mass, 4456
 Oudenhoven, Martiu S., photoelastic study of internally stressed circular opening in biaxial stress field, 16571
 Oudine, John A., all hands, Naval Personnel Bureau career publication, 2673
 Our American Government, what is it? how does it function?, print as House document, reports, 17279, 17545
 Our American way of life, 2110
 Our Capitol, print as Senate document, reports, 13003, 16075
 Our flag, print additional copies as H. doc., reports, 10189, 16096
 Our Government, 4543
 Our Lady of Angels Seminary, stained glass, duty-free entry, 5573, 5721
 Our United States, 6051
 Outdoor recreation, *see* Recreation.
 Outdoor recreation action (periodical), 17981
 Outdoor Recreation Bureau:
 appropriations, 1967, hearings, 7113
 Federal focal point in outdoor recreation, 16774
 press releases, 3394
 technical publication, 11165
 Outer Banks, N.C.:
 between Virginia State line and Hatteras Inlet, hurricane survey, engineer report—
 departmental edition, 17635
 document edition, 17166
 Outer space:
 achievement of space, values and directions (lecture), 12379
 activities in science teaching related to, 15036
 activities of Federal departments, etc., investigation, authorization, report, 4174
 AEC space nuclear systems programs, hearings, 10092
 aerospace bibliography, 10974
 aerospace companies, backlog of orders, current industrial reports, 2818, 9962
 aerospace glossary, 9843
 aerospace safety (periodical), 2645
 aerospace technology, careers in NASA, guide, amdt., 5517
 Air Force aerospace defense objectives in peace and war, 101
 astronomy, 1958-64, significant achievements, 15080
 atom's future in space (address), 12687
 biological laboratory in orbit, USSR study, 6233
 Brayton-cycle space power system, radial-inflow turbine, cold performance evaluation, 4977
 code of Federal regulations, 8907, 10487-488
 comparative merits of radioisotope and machine sources of X-radiation for aerospace applications, 12682
 coordination of human voluntary movements during flight, USSR study, 7547
 EROS, Interior Dept. program to utilize space-acquired data for natural and human resource management, 16358
 exploration, etc.—
 man's impression of space, USSR study, 6242
 space suits, bioenergetics, 10975
 Gemini Midprogram Conference, including experiment results, 12282
 geophysics and space data bulletin, 3021
 human embarked, USSR study, 6227
 Outer space—Continued
 immunology, problems, USSR study, 4647
 industry, learning about space careers, 10972
 instruments and spacecraft, measurements survey, 13727
 interaction between space exploration, science, and technology (address), 1288
 international law studies, 9599
 introducing children to space, Lincoln plan for elementary schools, 12276
 living in space, 13721
 lunar exploration and science, NASA 1965 summer conference, 2371
 meteoric matter in interplanetary space, 1285
 missile and space ground support operations—
 hearings, 7148
 report, 7096
 missions, philosophy of simulation in man-machine space mission system, 10977
 multipactor breakdown in electronic systems, 12264
 national power and prestige in space, 13851
 nuclear energy in space (remarks), 5425
 orbiting research laboratory, medical aspects, Space Medicine Advisory Group study, 15079
 peaceful uses, conference proceedings, 13723
 philosophical speculations concerning life, USSR study, 6148
 photography of celestial bodies, photogrammetry, and photo interpretations, USSR study, 988
 planetary flight handbook, 9445
 propagation of radio waves, USSR study, 13461
 propulsion for deep space, 17886
 radiations of space (series), 1621, 5327
 research, agreement with Spain, 12538
 research, Czechoslovakia, 16435
 research developments, USSR studies, 9078
 research, investigation expenses, report, 4108
 research review, Office of Aerospace Research (periodical), 3471
 satellites and space probe projects, summary, Goddard Space Flight Center, 9389
 scientific and technical aerospace reports, 3492
 Government-wide index, 3025, 12759
 indexes, 3493
 Soviet block research (periodical), 3524
 Soviet space rockets, 2152
 space and International Cooperation Year, national challenge, 1192
 space flight handbook, 9445
 space jobs, booklet for elementary school children, 12275
 space radiobiology, training and operations, concept, 5299
 space research, All-Union conference on space physics, USSR, 9545
 space terms, short glossary, 12279
 space treaty proposals by United States and USSR, 13189
 speaking of space and aeronautics (series), 1288, 9551, 12379, 13851
 technical terms for aerospace use, dictionary, 1194
 telegrams through space, USSR study, 4634
 U.S. space industry trade mission on European aerospace industry, 4576
 United States space activities, report 1965—
 departmental edition, 5002
 document edition, 4070
 USSR program, developments, 14885
 vestibular organs in exploration of space, 6353
see also headings beginning Space.

- Outerwear:**
 children's census of manufactures, 1963, industry statistics, 8330
 women's and misses', census of manufactures, 1963, industry report, 6894
- Outgassing, see** Degasification.
- Outlet works, see** Reservoirs.
- Outlying possessions:**
 dutiable status of imports from insular possessions, amend tariff schedules, hearings, 13208
 U.S. trade, monthly report, 3004
- Outpatient services, see** Clinics.
- Output, see** Production.
- Ovens, industrial plant equipment handbooks, 7254, 8798**
- Overheim, Richard K.,** wholesale food distribution facilities for Montgomery, Ala., 11358
- Overlay copy technique** to provide high-contrast electron micrographs for metallographic analysis, 17921
- Overlearning, see** Learning.
- Overruns (logs):**
 southern yellow pine, 14708
- Overs, Robert P.,** sociological studies of occupations, bibliography, 1082
- Oversea service:**
 communications and records, career opportunities, 2574
 Defense Department's dependents schools, educators' opportunities, 4251
 Federal jobs, 1760
 Government employees, civilian, rotation, 524
 information about jobs overseas, questions and answers, 13287
- Overseas business reports, 339-347, 1772-74, 3304, 4004-15, 5550-52, 7006-11, 8430-33, 10023-30, 11513-521, 12771-786, 14323-327, 15645-651, 17055-58**
- Overseas notebooks, geography review (French periodical):**
 articles, translations, 9107
- Overstreet, John M.,** ESSA world, 14578
- Overtime, see** Hours of labor.
- Owens, James M.,** address, Sept. 28, 1966, 15562
- Owens, Robert V.,** aerodynamic characteristics of spherically blunted cones, 2409
- Owens, Rushia K.,** world trade in machine tools, 3871
- Owens Lake, photosynthetic halophiles, 4818**
- Ownership, see** Property.
- Oxidation:**
 anodic, basic sulfates of lead, plate materials of lead-acid cell, 12429
 bone marrow in oxidation of benzene, USSR study, 6147
 diffusion-controlled char, effect on steady-state, ablation of plastic materials, analysis, 13847
 graphite in high-temperature supersonic and hypersonic environments, 12343
 high-manganese pig iron, recovery of manganese from slag, 6319
 molybdenum at temperatures at which its trioxide is volatile, 6472
 radiation-induced, hydrocarbons, 5396
 resistant coatings on columbium alloy sheet, study, 7828
 thermal, high polymers, literature survey, 8816
- Oxides:**
 alkali, apparatus enables accurate determination of content in alkali metals, 13734
 foamed refractory, improved thermal insulation materials made of, 13730
 materials containing dispersed particles, secondary emission electron microscopy for examining, 16700
 viscosity in molten salts, calculation, 7901
see also oxides by name, e.g., Ferrous oxide.
- Oxidizer turbines, see** Turbines.
- Oxidizing agents:**
 plastics compatibility, 8817
 rocket fuel oxidizers, fluorine and compounds, USSR study, 16473
- Oximes:**
 neuromuscular blocking action of some new oximes, Rumania, 1018
 spasmodic action, Rumanian study, 14813
- Oxley, J. E.,** improvement of zinc electrodes for electrochemical cells, 4832
- Oxygen:**
 alkane-oxygen mixtures, detonation initiation, 15031
 atoms, reaction with methane, mass-spectrometric investigation, 7883
 carbon monoxide-oxygen reaction, ignition kinetics, 16706
 concentration, determination by polarographic technique, 5334
 desorption from sea water, 12048
 determination in ferrous materials, SRM 1090, etc., 16714
 determination in potassium—
 accuracy of methods, 15135
 neutron activation analysis procedures, 7744
 direct determination of oxygen in coal, 9375
 dissolved-oxygen analyzer for oceanographic use, final report, 12681
 effects of 100% oxygen at reduced pressure on ignitability and combustibility of materials, 3797
 flight type partial pressure sensor, 15046
 fluorine-oxygen and fluorine mixtures spilled on various materials, reaction characteristics, 7816
 fluorine-oxygen mixtures, compatibility with polymeric materials, 12340
 gaseous-hydrogen-liquid-oxygen rocket engines, nonmetallic ablative materials as nozzle sections, 9510
 humans and animals, recent USSR studies, 7558
 hydrogen-oxygen rocket engine, 20,000-pound, propellant injection velocity, effect on screech, 7884
 increased partial pressure, testicular function in roosters and mice after exposure, 12631
 liquid—
 composite gaskets compatible, 15125
 surfactant for dye-penetrant inspection is insensitive to liquid oxygen, 9461
 molecular, densities from rocket measurements of Lyman- α absorption profiles, 6340, 9392
 oxygen-hydrogen torch as steam generator, 9460
 plant consumption rates, respirometer enables high resolution, 16629
 potential of platinum electrode at low partial pressures, 17977
 pressure, change in heart muscle, USSR study, 1027
 production by algae, effect of light intensity and thickness of culture solution, 5075
 thermodynamic and transport properties for nitrogen-oxygen system, 7851
 utilization by organism and its regulation, 13849
 verbal communication intelligibility in breathing mixtures of oxygen-helium at low atmospheric pressures, 8205
 what do you know about oxygen? 7661
- Oxygen masks, selected facial measurements of children for oxygen-mask design, 15555**
- Oxygenates, mass and infrared spectra, 17863**
- Oyster Bay, coastal wetlands, protect, etc., hearings, 14432**
- Oyster Bay, N.Y., population, special census, 5493**

Oysters:
 certified shippers, list, 2742
 oyster-based economy of Franklin County, Fla., 6585
 radiation pasteurization, 11430
 what you should know about them, 2545

Ozark Mountains:
 forest species compared in Ozark plantations, 4460
 seedling shortleaf pine, 10592

Ozark region, Arkansas, Missouri, and Oklahoma, economic survey, 17615

Ozarks Economic Development Region, designation (remarks), 5559

Ozone:
 effect on appearance and decay of strawberries, peaches, and lettuce, 16928
 porous glass makes effective substrate for ozone-sensing reagent, 2383

P

P.A. report, 5905, 8869, 11905, 14583-584
 P.H.A., *see* Public Housing Administration.
 P.H.S., *see* Public Health Service.
 P.P.C., series, 3305
 P.R.B., *see* Public Roads Bureau.
 P.R.L., *see* Personnel Research Laboratory.
 PA series, 58-63, 1596-1602, 3762-64, 5295, 6762-75, 8152-65, 9826-32, 11365, 12611-612, 14147-149, 15457-460, 16935-939

PACAF basic bibliographies, 1619, 5319-22, 6804

PACE (Projects to advance creativity in education), *see* Elementary education—Secondary education.

Pacesetters in innovation, projects approved, title 3, supplementary centers and services program, elementary and secondary education act of 1965, 10429

Pacific area:
 airman's guide and chart supplement (periodical), 3306
 climatological data, 2751
 PACAF basic bibliographies, 1619, 5319-22, 6804, 11377, 12627
 South, mineral industry, regional review, minerals yearbook chapter, 6310
 southwest, General MacArthur's campaigns in the Pacific, 14220
 southwest, General MacArthur's leadership as commander, reports, 8260

Pacific basic bibliographies, 11377, 12627

Pacific Coast:
 coast pilot—
 Alaska, Cape Spencer to Beaufort Sea, supplement, 6986
 Alaska, Dixon Entrance to Cape Spencer, supplement, 5335
 California, Oregon, Washington, and Hawaii, supplement, 5534
 fisheries, annual summary, 5961
 light list, 14315
 longshore industry, wage chronology, 9334
 nautical chart catalog, 6989
 North America and Asia, tidal current tables, 15638
 North American, commercial clams, 10525
 storm warning facilities chart, Canadian border to Eureka, Calif. and Alaska, 11314
 transportation lines, 7330

Pacific Gas and Electric Co., wage chronology, 10874

Pacific Halibut Commission, International, *see* International Pacific Halibut Commission.

Pacific Island Trust Territory, *see* Trust Territory of Pacific Islands.

Pacific Islands:
 lexicon of geologic names, 9008
 light list, 14315
 lights and fog signals, lists, change, 6522, 9582, 13895

Pacific Islands—Continued
 mineral industry, minerals yearbook chapter, 17845
 north and south, lights and fog signals list, change, 1337
 sailing directions, changes, 12405, 16745
 Pacific Northwest, *see* Northwest (U.S.).
 Pacific Northwest Forest and Range Experiment Station, publications, lists, 3151, 5973

Pacific Ocean:
 central and western, tide tables, 12764
 central north, deep circulation, 12762
 notice to mariners, 3279
 ore belt, achievements of Academician S.S. Smirnov, USSR, 13549
 radio navigational aids, changes, 1339, 5057, 9585, 13898
 radio weather aids, 5058, 7961, 13899
 vertical motion of waters in northern tropical and equatorial zones, USSR study, 2190
 western, lights and fog signals, list, changes, 2481, 9583, 13869, 17970

Pacific slope basins, *see* Pacific States.

Pacific Southwest Regional Water Commission:
 establish, hearing, 519
 print additional copies, reports, 499, 561

Pacific States:
 manufacturing plants, location by county, industry, and employment size, 1963 census, 16997

Pacific slope basins—
 surface water quality, 6037, 12033
 surface water records to Dec. 31, 1963, index, 2099
 standard metropolitan statistical areas, facts for marketers, 8315

Packaged disaster hospitals, *see* Hospitals.

Packaging:
 administration, Army field manual, 8253
 converted flexible products, current industrial reports, 3920
 dangerous materials, military aircraft transportation, Air Force manual, 8175
 fair packaging and labeling act—
 hearings, 15980-981
 reports, 15928, 17321
 fair packaging legislation, message from the President, 7068
 Federal item identification guides for supply cataloging, supplements, 2934
 industry report, 2795
 information sources, 179
 machinery, industrial plant equipment handbooks, 7256
 materials—
 Federal test method standard, 7424
 flexible, transparent, 15208
 packing and packing operations, instructor's guide, Army Dept. pamphlet, 6842
 pole beans in trays and polyethylene bags, prepackaging, 8129
 prepackaged commodities, NBS manual for checking Spanish translation, 1291
 produce at central warehouse, 1589
 requirements code, military standards, 3200, 4257
 sources of information, 8320
see also Packing.

Packer, Leo S., nomination, hearing, 16197

Packers, meatpackers' cost for fresh beef and pork, 625
see also Packing industry.

Packers and stockyards resumé, 3310

Packing:
 carloading, instructor's guide, Army Dept. pamphlet, 6842
 converted flexible packaging products, current industrial reports, 2817
 egg-grading equipment, evaluation, 12607
 materials, Federal test method standard, 7424
 packaging and packing operations, instructor's guides, 610, 6842

- Packing—Continued**
 preservation packaging of military supplies and equipment, DSA manual, change, 609
 supplies, Federal item identification guides for supply cataloging, 2934
 wrapping machinery, industrial plant equipment handbook, 7256
see also Packaging—also names of articles packed.
- Packing industry:**
 packer feeding of cattle, volume and significance, 16930
 packers and stockyards act, what it is, how it operates, 14148
 packers and stockyards resumé, 3310
 Paeng, Hye Suk, relief, 17438
 Paeng, Mi Kyung, relief, 17438
 Paetz District, Miranda, geography, 13462
 Paganan, Sixto M., relief, 8696
 PAIGH, *see* Pan American Institute of Geography and History.
- Pails, steel shipping, current industrial reports, 2817, 11466**
- Paine, Rolf S., mining method, technique and cost of presplitting flood control gate shaft, Littleville Dam, 1110**
- Paint:**
 accessories, Federal standard, 4396
 allied products, census of manufactures, 1963, industry statistics, 6902
 commodity transportation survey, shipper series, 213
 current industrial reports, 2817, 15587
 Federal item identification guides for supply cataloging, supplements, 2937
 Federal test method standard, 4397
 paints, industry wage survey, 17812
 synthetic, used for painting manufactured articles, occupational hygiene, USSR study, 1028
- Painter, John H., unified S-band telecommunication techniques for Apollo, 9524**
- Painters:**
 automobile—
 apprenticeship and training standards, 14201
 employment outlook, 9210
 employment outlook, 9218
 production painters, employment outlook, 9237
 supervisor, examination announcement, 9993
- Painting:**
 aids, and accessories, Federal standard, 4396
 procedures, tactical vehicles, tracked and wheeled, military standards, 11849
- Paintings:**
 American, Mary Cassatt, 5-cent commemorative postage stamp (poster), 16782
 Army history in Executive Corridor, Pentagon, 14213
 Bartolomé Bermejo's Episcopal saint, study in medieval Spanish symbolism, 9651
 vested German, transfer to Germany—
 law, 17117
 reports, 15921, 16154
- Paints, *see* Paint.**
- Pakistan:**
 accessions list, Library of Congress American Libraries Book Procurement Centers, Karachi and Dacca, 3311
 agricultural commodities, agreements, 15358, 16866
 area handbook, 9897
 economy, basic data, 11516
 establishing business, 343, 15651
 history, 12154
 Library of Congress American Libraries Book Centers, Karachi and Dacca, annual list of serials, 17820
 mineral industry, minerals yearbook chapter, 4772
- Pakistan—Continued**
 nutrition survey of East Pakistan, 18066
 special study mission, report, 7099
 visit by Senate delegation, report, 5811
 Palate, *see* Cleft palate.
- Paleobotany, *see* Fossils—Plants, fossil.**
- Paleoecology, marine, late Pleistocene, in central California, 16361**
- Paleontology:**
 contribution to paleontology (series), 2104, 12023, 13409, 14752, 16361, 17721
 micropaleontology of Mesozoic rocks of northern Alaska, 12017
 Pliocene marine strata, Salinas Valley, 820
- Paleozoic era:**
 formations in Wind River basin, Wyo., 17720
 gastropoda from Moose River synclorium, northern Maine, 17721
 rock, lower metamorphosed, geology, north-east Maine, 4510
- Palestine, problems, Soviet report, 17793**
- Palfrey, John G.:**
 remarks—
 Nov. 16, 1965, 171
 Mar. 1, 1966, 5424
 Mar. 2, 1966, 5419
- Palitz, Murray, flow conditions on forward fuselage of X-15 airplane, etc., 11069**
- Pallas, James E. Jr., research in plant transpiration, 11366**
- Pallas, AIC 59D, lunar chart, 8197**
- Pallets (materials handling):**
 hardwood, performance, effect of initial moisture content on, 14714
 long travel shock pallets, modified models 230 and 570, for transportability rail instrumentation, 9916
 market in steel industry for wood pallets, 17702
- Palm Beach, Fla., port, 13294**
- Palm kernels:**
 duties on importation, suspension—
 law, 8464
 report, 5771
- Palm oil:**
 duties on importation, suspension—
 law, 8464
 report, 5771
- Palmetto Bend project, Interior Dept. report, 1795**
- Palo Verde Irrigation District:**
 lands held under color of title act, authorize Secretary of Interior to grant patents, hearings, 13218, 17585
 location of Colorado River, establish, reports, 17235, 17530
- Palumbo, Ralph F., radionuclide content of foodstuffs collected at Christmas Island and at other islands of Central Pacific during Operation Dominic, 8297**
- Pamphlets, copyrighted, catalog of copyright entries, 4238**
see also names of departments, etc. issuing pamphlets—also subjects.
- Pan American Institute of Geography and History:**
 participation of United States, appropriations, increase—
 hearing, 11652
 report, 12960
- Panama:**
 birds, 8020
 Colombia boundary, study, 8063
 country law study, 16206
 market factors, 12784
 mineral industry, minerals yearbook chapter, 7688
 sea level canal site, joint explorations and surveys, agreement, 12534
 U.S. programs, observations, report, 15968
- Panama, Bay of, sea-water samples, adsorption of surface-active material at surface of water, 6544**

- Panama Canal:
 appropriations, 1966, public works, law, 401
 appropriations, 1967, hearings, 10229
 inspection report, 10257
 Isthmian Canal—
 policy questions, etc., compilation of addresses, print additional copies, reports, 13004, 14462
 studies, 1964—
 construction of sea level canal across American Isthmus by nuclear methods, 152
 excavation with nuclear explosions, 154
 general construction plan, 157
 nuclear excavation plan, 153
 nuclear operations, 156
 on-site survey program, 158
 safety evaluation for air blast, ground shock, throwout, and dust, 155
 sea level canal site, joint explorations and surveys, agreement, 12534
 vessel tonnage measurement, customs regulations, 13242, 14513
- Panama Canal Co.:
 annual report, 6882
 financial statements, 1965 and 1964, examination, GAO report, 8982, 10103
- Panama Canal review (periodical), 3312
- Panama Canal Zone, *see* Canal Zone.
- Pancho Rico formation, Salinas Valley, Calif., 820
- Panek, Louis A., calculation of average ground stress components from measurements of diametral deformation of a drill hole, 4801
- Panel on Science and Technology:
 7th meeting—
 papers, 8682
 proceedings, 5709
- Panels and panelling:
 aluminum viscoelastic, sonic fatigue characteristics, 9400
 corrugation-stiffened and unstiffened, flutter results, 7839
 flutter, interchange adapter on Atlas-Centaur AC-2, AC-3 and AC-4 vehicles, 1240
 flutter of multiple-streamwise bay rectangular panels at low supersonic Mach number, 15050
 isotropic sandwich panels, supersonic flutter, 7818
 legibility of electroluminescent instrument panels, 15095
 orthotropic—
 effects of side-edge boundary conditions and transverse shear stiffnesses on flutter, 7846
 exposed to high supersonic stream flutter theoretical analysis, 13844
 flat rectangular, supersonic flutter elastically restrained against edge rotation, 13819
 paneling from low-grade hardwood logs, 10566
 response to boundary layer pressure fluctuations, 10967
 sandwich-panel-hung items, fastener distributes stress evenly, 1233
 sandwich panels, vibrational characteristics in reduced-pressure environment, 15163
 thermally stressed, flutter at Mach 3, and comparison with theory for panels with edge rotational restraint, 13817
 truss-core sandwich cylinder loaded to failure in bending, test, 4916
- Pankratz, Louis B.:
 high-temperature heat content of lithium columbate, 17867
 high-temperature heat contents and entropies of praseodymium oxides, etc., 12248
- Pankratz, Louis B.—Continued
 high temperature heat contents and entropies of zinc sulfides, etc., 2353
- Pao, H. P., magnetohydrodynamic boundary layer between parallel streams of different magnetic fields and temperatures, 7748
- Paone, James:
 impregnated diamond bits drillability studies, 12244
 inelastic deformation of rock under hemispherical drill bit, 16582
- Papadima, Evangella G., *see* Latsis, Evangelia G.
- Papago Reservation, mesozoic rocks in Baboquivari Mountains, Ariz., 2090
- Papell, S. Stephen:
 buoyancy effects on critical heat flux of forced convective boiling in vertical flow, 16707
 zero- and reduced-gravity simulation on magnetic-colloid pool-boiling system, 6452
- Paper:
 allied products industry, employment outlook, 9308
 bamboo, papermaking characteristics, 14164
 converted paper and paperboard products, except containers and boxes, census of manufactures, 1963, industry statistics, 8331
 current industrial reports, 262, 2817
 Government specification standards, 3024, 4154, 15998
 industry—
 employment outlook, 9308
 report, 3433
 newsprint, world supply-demand, outlook through 1968, report, 17256
 paper and allied products, census of manufactures, 1963, manufacturing plants, location, 11454
see also Dlazotype paper—Wood pulp.
- Paper birch, *see* Birch.
- Paper mills, census of manufactures, industry report, 3891
- Paper pulp, *see* Pulp—Wood pulp.
- Paperboard:
 current industrial reports, 2817
 industry report, 3433
 products, except containers and boxes, census of manufactures, 1963, industry statistics, 8331
see also Pulpboard.
- Paperboard boxes, *see* Boxes.
- Paperboard containers, *see* Containers.
- Paperboard mills, census of manufactures, industry report, 3891
- Paperhangers, employment outlook, 9218
- Papers, *see* Records.
- Paperwork (office practice):
 engineer and paperwork, USSR study, 940
 Federal Government paperwork, hearings, 11674
 forms management, Navy Department guide, 12443, 16772
 how to cut paperwork, report, 17257
 small store and service trade, recordkeeping systems, bibliography, 1458, 9643
- Papua, mineral industry, minerals yearbook chapter, 6297
- Paraboloids, thermal distortions of thin-walled paraboloidal shells, 15161
- Parachutes:
 airdrop, supplies and equipment, general, technical manual, change, 15517
 disk-gap-band, for low dynamic pressure applications at ejection altitudes at or above 200,000 ft., 10968
 Gemini landing system, 12364
 jumping, Federal aviation regulations, 692
 landing simulator, 4437
 lofts, Federal aviation regulations, 14615
- Parachutists, nylon shock absorber prevents injury, 6404

- Paraffins:**
alkane-oxygen mixtures, detonation initiation, 15031
flammability properties of n-alkanes in air, 5071
- Paraguay:**
amateur alien radio operators, authorization to operate, agreement, 11277
military assistance, agreement, 15359
mineral industry, minerals yearbook chapter, 7691
- Parahydrogen, see Hydrogen.**
- Paralichthys dentatus, see Flounders.**
- Parallel line raster eliminates ambiguities in reading timing of pulses, etc., 15116**
- Paralyzed Veterans of America, legislative recommendations, 1966, hearings, 8685**
- Paramagnetic resonance, see Magnetic resonance.**
- Paramagnetism, see Magnetism.**
- Parameters:**
amplifier, ultra-low-noise 1700-Me parametric system, 7859
cold stress, effects, mitigation, 82
electrical, of precision, coaxial, air-dielectric transmission lines, 12385, 15207
flight, and vehicle performance for Project Fire flight II, 15176
ionospheric, derived from Echo 11 radar returns during solar minimum conditions, 12442
large capacitor performs as distributed parameter pulse line, 13731
lumped, used in bending modes, beam and plate vibration, mathematical model, 9518
operating, of omegatron mass spectrometer in ultrahigh vacuum, 4908
physical, determination of viral aerosols, USSR study, 17764
random varying, radiocommunication channels theory, USSR study, 10771
single testing application, 2362
system performance, human transfer functions used to predict, 15109
tracking systems, research, 9425
- Paraperchis kamoharui, Japan, new fish, 11225**
- Parapsychology, contemporary, evaluation, USSR study, 12091**
- Parasites:**
aphid, portable field cage for mass culturing, 9774
copepod crustaceans parasitic on elasmobranch fishes of Hawaiian Islands, 9567
cowbirds, host relations, 18095
endoparasites of laboratory animals, 6809
freshwater fish, 11968, 14652
hosts, subject catalogue, 16918
of minks, general information, 28
subject catalogue, 5274, 8133
- Parasitic plants, see names of parasitic plants, e.g. Witchweed.**
- Parasitology:**
medical and veterinary, history, USSR articles, 7625
scientific careers in Agricultural Research Service, 53
veterinary, 20 years in Hungary, 999
- Parawings, see Wings (aircraft).**
- Parcel post:**
agreement with Philippines, 5164
legislation (H.R. 12367) requested by Postmaster General, 5702
see also Postage.
- Parents:**
adoptive parents, experiments with, after adoption, 280
around the corner, views to prepare high school students for tomorrow's world, 14030
babies look and learn, guide, 6772
babies touch, taste, and learn, guide, 6771
books for children, guide, 9827
children learning through touch, guide, 9830
- Parents—Continued**
deceased veterans—
income limitations under dependency and indemnity compensation program, increase, hearings, 8684
liberalize payments, reports, 10135, 16076
helping parents teach young children, guide for home economics program assistants, 8162
learning different shapes, games for children over 2 years old, guide, 8165
of handicapped children, hospital-based education project, 1741
of mentally retarded child, social security, what it means, 15329
parents and teenagers, guide, 6774
participation in head start child development centers, 4275
play games with baby, guide, 6770
talk and listen, guide, 8163
talk with baby, guide, 6773
teaching children with circles, guide, 9828
see also Families.
- Paret, Peter, innovation and reform in warfare, 14166**
- Pariset, Thomas J., fish mycobacteriosis (tuberculosis), 11971**
- Parity, see Prices.**
- Park, Pil Su, see Barker, Richard P.**
- Park County, Mont., geology and coal resources, 12025**
- Parker, Evelyn E., cancer chemotherapy reports, 2726**
- Parker, James E., jr., development of tests for measurement of primary perceptual-motor performance, 4805**
- Parker, John G., zirconium and hafnium, 15034**
- Parker, Lee W.:**
computer program for calculating charge distribution about space vehicle, 6346
electron collection by spherical satellite in earth's magnetic field, 17877
- Parker, Michael L., civil rights act of 1964, 833**
- Parker, R. E., cherry firmness and its relationship to pitter loss, 14105**
- Parker, Richard J., rolling-contact lubrication studies with polyphenyl ethers at reduced pressures, 4909**
- Parker, Russell C., food manufacturing structure, 16731**
- Parker River National Wildlife Refuge, general information, 16302**
- Parking Advisory Council:**
establish—
hearings, 5803
report, 10305
- Parking Board, D.C.:**
establish—
hearings, 5803
report, 10305
- Parking of vehicles:**
facilities, establishment in D.C.—
hearings, 5803
report, 10305
- Parkinsonism:**
Parkinson's disease—
present status and research trends, 18063
progress in research, summary, 1316, 18074
- Parks, park and recreation programs, changing intergovernmental and interagency relationships (remarks), 9601**
see also Industrial parks—National parks—Research parks.
- Parliamentary conferences, see Mexico-United States Interparliamentary Group.**
- Parliamentary practice, rules of procedure, Select Committee on Standards and Conduct, Senate, 13231**
- PARM (program analysis for resource management), see Electronic data processing systems.**

INDEX 1966

- Parody, Ovid F., big ideas for small schools, 7298
- Parole:
- parole decision-making—
 - alcoholic offender, 12566
 - narcotic use, control and treatment, 14079
 - personal characteristics and parole outcome, 14080
 - sentencing and parole process, 14081
 - violent offender, 14082
- Parole series, 12566, 14079-82
- Parolees, under supervision of Federal probation system, 14098
- Parotid fluid, *see* Saliva.
- Parra, Juan F. A. Lamas y, *see* Lamas, Juan F. A.
- Parsons, C. L., IMP-I magnetic test program, 7885
- Parsons, Edward W., explosive-expansion center-hole anchor, 4791
- Parsons, Ralph M., Company, conceptual design of desalination plant, 6059
- Participation sales act, *see* Credit.
- Particle accelerators, *see* Accelerators
- Particle board, *see* Pulpboard.
- Particles:
- aggregation in snowstorms, 9889
 - airborne, size analysis, bibliography, 12680
 - atmospheric, settling rate, USSR study, 14911
 - cloud, heat transfer to gas, 1185
 - measurement of natural particulate fallout onto high polar ice sheets, laboratory techniques and results, 8235
 - micron-size, accelerating in shock-tube flows for hypervelocity degradation of reflective surfaces, 4934
 - nonadiabatic losses in axisymmetric and multipolar magnetic fields, 2437
 - particles and fields research, bibliography, 12291
 - single particle energy levels and wave functions in nuclear structure calculations, Fortran program, 16720
 - size, classifying radioactive aerosols, 1381-82
 - size of fire fighting dry chemicals, measurement, 1367
 - solar energetic particles, etc., 1958-64, significant achievements, 7755
 - spectrum determination by transparency method for large particle concentration, 16410
 - spherical, small, drag coefficient, shock tube determination, 7739
- Partitions, movable, Army technical manual, 12660
- Partners of the Alliance, 11653
- Parts, *see* Repair parts.
- Pascal, Anthony H., address, June 2, 1966, 10020
- Pase, Charles P., shrub seedling regeneration after controlled burning and herbicidal treatment of dense pringle manzanita chaparral, 2072
- Pasma, Theodore, K., characteristics of 63 modern industrial plants, 16216
- Passaic, N.J.:
- area wage survey, 16530
 - commodity transportation survey, production area series, 8342
- Passaic River:
- engineer report—
 - departmental edition, 17634
 - document edition, 17169
- Passenger cars, unauthorized acquisition of passenger vehicles, Bureau of Indian Affairs, GAO report, 811
- see also* Automobiles.
- Passenger ships, *see* Ships.
- Passenger traffic, U.S. and foreign countries, 3467
- Passenger trains, *see* Railroads.
- Passenger vessels, *see* Ships.
- Passengers, travel between U.S. and foreign countries, 3467, 12038
- Passey, George E., perceptual-psychomotor tests in aircrew selection, historical review and advanced concepts, 14184
- Passports:
- and right to travel, study, 17378
 - application requirements, care, etc., 15339
 - information for applicants, 6634
 - summary of statistics, 3560
 - United States, fees charged by foreign countries for visa, list, 8060
- Paste:
- dental prophylaxis, performance of stannous fluoride-zirconium silicate, 8208
 - electrode, provides reliable measurement of galvanic skin response, 6375
- Pasternack, Morton, biasing effect of random bit errors on binary telemetry data, 16652
- Pasteurella, nucleotide composition of deoxyribonucleic acid, USSR study, 10831
- Pasteurization:
- fishery products with gamma rays from cobalt-60 source, 4407
- Irradiated-pasteurized fishery products, study, 15539
- irradiation of seafoods, effect on microbial flora surviving, 5411
 - milk, equipment testing procedures, 15298
 - radiation—
 - foods, 5th annual contractors meeting, 5387
 - Pacific crab and flounder, 11437
 - shrimp and oysters, 11430
- Pasture crops, *see* Forage plants.
- Pasture lands:
- Appalachian hillside, basic information, 12606, 15447
 - dairy, 1965 season, summary, 1507
 - Kansas and Oklahoma, bluestem and Osage pasture, report, 15375
- Patent draftsmen, *see* Draftsmen.
- Patent examiners:
- manual of procedure, 3177
 - change notices, 1390-91, 5079, 7982
 - errata, 2505
 - revised pages, 1392, 7983, 11169, 13914
- Patent Office:
- and technological progress (address), 15256
 - annual report, 5078
 - attorneys and agents registered to practice before, lists, 12448, 17982
 - classification bulletins, 6559-60, 9604, 11166
 - decisions, yearly 1965—
 - departmental edition, 9605
 - document edition, 8487
 - official gazette, 3288
 - patents, laws, investigation, authorization, report, 4195
 - plans, program and progress (address), 13915
 - press releases, 3395
 - rules of practice, 5080
 - trademark rules of practice with forms and statutes, 17987
 - trademarks, index, 11167
- Patents:
- and spread of technology (address), 17059
 - appeals cases adjudged, 16204
 - Australia, protection, laws, etc., 345
 - basic facts, information aid for inventors, 15257
 - cases, rules of practice, 5080
 - chemically modified oil products and industrial uses, 9785
 - classification, 3288
 - index, 17984
 - manual, 3176
 - replacement pages, 2504, 7981, 11168, 17985-986
 - classification systems, development and use, 9606
 - code of Federal regulations, 10506
 - Colombia, protection, laws, etc., 14326

Patents—Continued

composition of oilseeds, list, 9782
 decisions, weekly, 3288
 decisions, yearly 1965—
 departmental edition, 9605
 document edition, 8457
 documentation and dissemination problems (address), 15256
 Eastern Utilization Research and Development Division, list, 3737, 15437
 economic growth and patent system (address), 1389
 examining procedure, manual, 3177
 change notices, 1390-91, 5079, 7982, 12447
 errata, 2505
 revised pages, 1392, 7983, 11169, 13914
 general information, 7979
 Government policy, hearings, 1945
 imperative of international patent cooperation (address), 17983
 in official gazette, 3288
 index, 7980
 industrial uses of proteins, list, 9786
 infringement, amend U.S. Code as to use by or for U.S. of valid patents, hearings, 4228
 laws, 2506
 Northern Utilization Research and Development Division, list, 5275
 Patent Office highlights and activities (address), 13913
 Polish, abstracts, translations, 3585
 progress of industry through patents (remarks, 17061
 publications, price list, 5099
 Southern Utilization Research and Development Division, semiannual list, 6717
 soybean protein products, edible, list, 9784
 Swiss, abstracts, translations, 3586
 United States and world patent situation (address), 1393
 waiver petitions, findings of fact, etc., of NASA Inventions and Contributions Board, 7904
 Western Utilization Research and Development Division, semiannual list, 8136
 see also Inventions.
 Paterson, H. B., measurement of particle size of fire fighting dry chemicals, 1367
 Paterson, N.J.:
 area wage survey, 16530
 commodity transportation survey, production area series, 8342
 Pathet Lao, declaration by Voice of Pathet Lao radio, 6167
 Pathfinder operations, Army field manual, 8254
 Pathogenesis, goiter disease, cortico-visceral theory, USSR study, 13483
 Pathologist:
 forest and forest products, examination announcement, 14307
 speech, employment outlook, 9277
 Pathology:
 cardiovascular system and respiration, USSR scientific research, 6119
 climate effect on cardiovascular system, USSR study, 4622
 occupational, USSR study, 12140
 viable human tissues, processing and storage, 16808
 Patients:
 aging, disease detection in persons over 45, office evaluation, 16806
 better care, 2 decades of partnership, Hill-Burton program, 13973
 characteristics, selected types of medical specialists, etc., 9632
 Clinical Center, NIH, referral procedures, 18001
 discharged from Public Health Service hospitals, diagnostic and demographic data, 1416
 discharged from short-stay hospitals, statistics, 18081

Patients—Continued

female psychiatric, sociocultural and clinical study of Rutland Corner House, transitional aftercare residence, 1529
 hospital environment of research, education, and consultation, 16801
 mental, hospitalized mental patients and outcome of hospitalization, relationship between selected social and demographic characteristics, 2460
 mental hospitals, State and county patient movement, etc., 5029
 mental hospitals, statistics, 5122
 mental institutions, 13982
 mental, social, readjustment, studies, 16404
 provisional patient movement and administrative data, public institutions for mentally retarded, 1965, United States, 6484
 return to community, guide for voluntary service program, 11306
 St. Elizabeths Hospital, pay for care, need for improved procedures, GAO report, 6012
 surgical bill paid by insurance, proportion, 15306
 Patman, Wright, portrait presentation, print proceedings, report, 10193
 Patrick Air Force Base:
 supply management—
 hearings, 4123
 subcommittee report, 5685
 Patten, Benjamin G., Bureau of Commercial Fisheries, electrofishing shocker, its characteristics and operation, 13348
 Patten, Charles W., dry electrodes for physiological monitoring, 11052
 Pattern synthesis problem for slotted infinite cylinder, 9422
 Patterns:
 alteration, guide for leaders in clothing programs, 1586
 progress in aging, case study (series), 5260
 tooling, cork used, 13763
 Patterson, James L., floods of Colorado River basin, 6038
 Patterson, John S., remarks, Mar. 24, 1966, 7370
 Patton, James G., citation of appreciation, presentation (remarks), 9836
 Paulden quadrangle, Ariz., geology, 818
 Pauley, Harry R., nomination, hearing, 17594
 Paul, Frank A., television capabilities for making navigational measurements, 7875
 Paull, Stephen, low power nanosecond pulse and logic circuits using tunnel diodes, 15168
 Paulling, John R., new crop varieties, 5929-31
 Paulsen, Frederick G., Navy satellite navigation system, 16617
 Paulsen, Paul J., spark source mass spectrograph program, 7920
 Pavements:
 airfields—
 basis for rigid pavement design for military aircraft, 11894
 evaluation, technical manual, change, 5371
 flexible, evaluation, engineering and design, technical manual, change, 5372
 Navy design manual, changes, 1569
 rigid, evaluation, technical manual, 131
 flexible, CBR (California Bearing Ratio) design curves, set, developing, errata, 677
 Pavlides, Louis, geology of Bridgewater quadrangle, Aroostook County, Maine, 4510
 Pavlodar, Kazakh SSSR, tractor production to begin, USSR study, 9152
 Pavlov, S. P., speech, 1965, 4685
 Pawcatuck River and Valley, upper basin, ground water availability, 17730

Pawtucket, R.I.:
 area wage survey, metropolitan area, 12214
 commodity transportation survey, production area series, 8339
 Pay, *see* Salaries—Wages.
 Pay, allowances, etc.:
 accrue-leave payments to reenlistees, improvement in administrative audit by Finance Center, Army, Fort Benjamin Harrison, Ind., GAO report, 2082
 Air Force—
 airman's pay guide, 5311
 officer's pay guide, 3789
 basic pay of uniformed services, increase, report, 12930
 combat pay, exclusion for commissioned officers in combat zones, increase—message from the President, 17162
 report, 17307
 dependents of members of uniformed services evacuated from danger area—
 law, 15775
 reports, 12965, 17492
 erroneous payments to military personnel for storage of household goods, report, 12954
 officers, professionally trained, constructive service credit application, report, 12863
 per diem, to Air Force personnel, improved controls, to GAO report, 13377
 per diem, to Coast Guard members assigned to Reserve Training Center, Yorktown, Va., refunds, payment to estate, report, 12952
 relocation costs, payment rather than subsistence allowances, GAO report, 8987
 shore patrols, management control improvement, Navy Dept., GAO report, 2084
 taxable income and tax withholdings of military personnel, reporting, GAO report, 13382
 temporary lodging allowances, Coast Guard members, transfers between permanent duty stations, review, GAO report, 12001
 travel, etc., allowances, extend 1-year traveltime for retirees, etc.—
 law, 17146
 report, 17510
 travel, uniformed services members, reimbursement for cost of parking fees, ferry fares and bridge, road and tunnel tolls, reports, 11628, 12922
 uniformed services, text of title 37, U.S. Code, etc., 7125
 Payloads:
 optimization of multistage launch vehicles, 4938
 reentry flight, Project Fire 1, angle-of-attack analysis, 7879
 Payments:
 St. Elizabeths Hospital, pay for care, need for improved procedures, GAO report, 6012
 timing for Federal grants, contributions and other programs, regulations, 14048-49
 U.S. international payments, 2029
see also Incentive payments.
 Payne, Harley H., soil survey of Morgan County, Ga., 5149
 Payroll savings, *see* Saving bonds.
 PCA, *see* Production credit associations.
 PCM, *see* Radio pulse code modulation.
 PCM (pulse code modulation) telemetry, *see* Telemetry.
 Pea Island National Wildlife Refuge:
 birds, list, 16304
 general information, 10534

Peace:
 costs of world peacekeeping, report, 7104
 food for peace—
 act of 1966, reports, 14467, 15927, 17338
 activities under Public law 480, 14383
 from people of United States, 15461
 newsletter about activities under PL 480, 2983
 Initiative for peace (statement), 18118
 movements, Communist exploitation and infiltration, problem, staff study, 1885
 Navy, keeping the peace, 16749
 United Nations peacekeeping operations, controversy over financing, report and hearings, 10181, 10243
 unseen search for peace (address), 1491
 water for peace, international conference, organize and hold in U.S., 1967—
 hearings, 13035
 report, 12959
 Peace Corps:
 act, amend—
 analysis, 13037
 hearings, 13035
 law, 15748
 Ramseyer rule print, 14420
 reports, 12977, 16103
 annual report, 12449
 appropriations, 1967—
 amendment, 11611
 hearings, 13014, 17568
 reports, 15915, 16159
 biographic register, 12520
 director, nomination of Jack H. Vaughn, hearing, 5808
 engineering, 5081
 field staff, Foreign Service list, 2992
 foreign assistance appropriations, 1966, report, 545
 goes to paradise, Trust Territory of Pacific Islands, Micronesia, 9609
 health guide, volunteers manual, 9607
 home economists, general information, 2507
 labor, 9608
 Peace Corps volunteer (periodical), 3314
 physical education, 5082
 press releases, 3396
 program, agreement with—
 Barbados, 2590
 St. Lucia, 5171
 trade & technical skills, 9610
 volunteer, quarterly statistical summary, 3315
 volunteers in—
 Asia, 12450
 Far East, 12451
 Latin America, 12452
 volunteers, opportunities in Federal civil service, 15632
 Peaceful uses of earth-observation spacecraft, 16602-604
 Peaceful Uses of Space, National Conference on, *see* National Conference on Peaceful Uses of Space.
 Peaches:
 appearance and decay after treatment with ozone, 16928
 eastern-grown, shipping containers, evaluation, 6756
 production, use, value, 1964-65 by States, 15379
 Peacock, Richard D., Panama Canal review, 3312
 Peak, George W., water supply outlook and Federal-State-private cooperative snow surveys for Wyoming, 3696
 Peanut butter, FDA final standard, 2049
 Peanuts:
 ASCS programs, 6731
 handling, shift from bag to bulk in Virginia-North Carolina area, economic implications, 9822
 market news, weekly report, 3316

- Peanuts—Continued
marketing quotas referendum, Nov. 23, 1963, 63
outlook in 1965-66 (talk), 4292
stocks and processing, 3317, 16871
- Pearcy, G. Etzel:
geographic aspects of struggle in Vietnam, 15340
mainland China, geographic strengths and weaknesses, 18117
- Pearl, Robert B., current population survey of U.S., origin, methods and evolution, 15593
- Pears:
entering Netherlands, certification for possible transshipment, 12586
Kieffer, for home use, 11353
production, use, value, 1964-65 by States, 15379
- Pearson, Gregory L., water supply outlook and Federal-State-private cooperative snow surveys for Utah, 3693
- Pearson, Richard G., radar air traffic control research task, 9937
- Pearson, Walter E., computing nonequilibrium channel flow of multicomponent gaseous mixture in near-equilibrium region, 6460
- Peas:
canned, shopper's guide, 14149
control insects that attack in storage, 6740
market diseases, 16920
- Peat:
frost penetration and trafficability as affected by snowpack and surface mosses, 5981
minerals yearbook chapter, 16568
- Peat bogs:
confined organic terrain (muskeg), trafficability tests, 5890
construction in muskeg, summary and compilation of current practice, 3819
- Peay, Walter E., sugarbeet insects, how to control them, 9817
- Pecot, Rebecca K., proximate composition of beef from carcass to cooked meat, method of derivation and tables of values, 3752
- Pedagogy, *see* Education.
- Pediatrics, *see* Children.
- Peer ratings, *see* Ratings.
- Peerboom, Pearl, vocational rehabilitation of the disabled, public program, 7499
- Peet, Charles S., implications of reduced defense demand for electronics industry, 110
- Pegasus, *see* Satellites.
- Pegmatite:
Georgia, selective flotation of mica, 16575
reconnaissance, beryllium bearing deposits in 6 Western States, 13682
- Pegram Nuclear Physics Laboratories, progress report, 8287
- Pelagic fur seal investigations, 5964
- Pelecus cultratus (L), *see* Carp.
- Peller, Martin, L., trends in R & D manpower in pharmaceutical industry, 11112
- Pellets, iron ore, mechanical strength at elevated temperatures, 13696
- Pellini, W. S., fracture-safe design of complex welded structures involving metals, etc., 1379
- Pennaeid shrimps, *see* Shrimps.
- Penal institutions, *see* Prisons and prisoners.
- Penalties:
civil, reduce in connection with imparting or conveying false information, report, 1913
estate tax deficiencies—
law, 5584
reports, 5636, 5755
intercoastal shipping act violations, equalize, report, 1916
thefts from pipelines, report, 17246
- Penalver, Rafael A., relief, 16004
- Penetrometers:
soil penetrometer, with extendable mast, 7800
use to determine capability of dust materials to support bearing loads, 4946
- Penicillin, anaphylactic shock with lethal outcome from intradermal test, USSR study, 9127
- Penilia avirostris, *see* Water fleas.
- Penitentiaries:
national, study—
authorization, report, 4194
report on findings, 8727
- Penland, Jim A., effect of body nose blunting, control planform area, and leading-edge control of 5° semivertex cone, 12346
- Penn Hills Township, Pa., population, special census, 11473
- Pennants, *see* Flags.
- Pennsylvania:
anthracite mine, longwall mining, use of shearer loader, 7713
census of business, 1963—
retail trade, area statistics, 190, 9949
wholesale trade, area statistics, errata, 206
climatological data, 2751
county business patterns, 1729, 5469
electric rate book, 11929
life tables, 18046
manufacturing plants, location by county, industry, and employment size, 1963 census, 14255
mineral industry, minerals yearbook chapter, 2340
Northumberland County Soil and Water Conservation District, watershed protected (colored poster), 9697
postal map—
eastern section, 13942
western section, 13943
precipitation data, hourly, 3045
women, labor laws, summary, 14092
- Pennsylvania Avenue Commission:
establish—
hearings, 11662, 11812
reports, 11623, 11739
- Pennsylvania Avenue National Historic Site: administration and development—
hearings, 11662, 11812
reports, 11623, 11739
- Pennsylvania coal, *see* Coal.
- Penobscot River, water resource appraisals for hydroelectric licensing of basin, planning status report, 4386
- Pensions:
Air Force—
airman's retirement and other benefits, guide, 5311
officers, retirement and other benefits, guide, 3789
Army and Air Force Reserve officers, active duty retirement benefits, GAO report, 13378
Army, Navy, and Air Force, waive limitations for increased pay claim—
law, 8471
report, 1923
automation, and people (remarks), 9562
characteristics of 163,500 plans, July 1, 1965, statistics, 2287
code of Federal regulations, 10495
dependency and indemnity compensation to widows for service-connected deaths of their husbands, amend U.S. code, report, 17203
District of Columbia police, etc., equitable treatment for older disabled retirees, report, 15853
District of Columbia teachers, increase—
law, 11590
report, 8743
Lighthouse Service employees' widows, increased annuities, report, 17547
Lighthouse Service, increase, hearings, 8674

INDEX 1966

Pensions—Continued

- plans—
 - salaried employees, summer 1965, digest, 9330
 - self-employed individual, contributions, amend internal revenue code, report, 10174
- private plans—
 - benefits, 14978
 - hearings, 14373
- public employee retirement systems, benefits and beneficiaries, 9657
- publications, price list, 7986
- revocation of retired pay of members of Armed Forces, limit—
 - law, 17139
 - reports, 12936, 17511
- trust funds, participation of retired employees, etc., hearing, 17590
- trusts, tax exemption, procedures and qualification under internal revenue code, 14779
- uniformed services retirement pay, election of annuity for survivors, income tax treatment—
 - law, 5590
 - report, 5768
- union welfare-pension funds of Allied Trades Council and Teamsters Local 815, diversion, report, 13138
- veterans—
 - deceased, dependency and indemnity compensation program, income limitations applicable to parents, increase, hearings, 8684
 - disappeared, payment to wife and children—
 - law, 11576
 - reports, 10130, 11751
 - enlisted men, credit inactive Reserve service, reports, 11627, 15858
 - non-service-connected—
 - legislation, hearings, 13063
 - veterans pension act of 1966, reports, 15902, 17556
 - readmitted for hospitalization, restrict conditions for reduction—
 - law, 5587
 - reports, 4085, 5767
 - service-connected death, liberalize payments to parents and children, reports, 10135, 16076
 - service-connected disability, increase rates, law, 413
 - Vietnam era readjustment assistance act—
 - hearing, 16185
 - report, 17552
 - widows, dependency and indemnity compensation, increase—
 - law, 11575
 - reports, 10127, 11750
 - welfare and pension plans disclosure act—
 - administration, 1965, report of Secretary of Labor, 7639
 - amend with respect to filing of copies and making affidavits, report, 15896
 - regulations and interpretative bulletins, 14963
 - see also* Civil service pensions.
- Pentaerythritol, NMR analysis of mixed pentaerythritol dipentaerythritol, and trimethylolpropane esters, 1353
- Pentagon Building, Army history, painting exhibit in Executive Corridor, 14213
- Pepoon, Albert M., relief of widow, 17418
- Peppers, bacterial soft rot in bell peppers, cause and commercial control, 6757
- Peptic ulcers, *see* Ulcers.
- Peptides, surface chemistry of polypeptides, 16755

Pequop Mountains:

- discussion of high concentrations of zinc, lead, and mercury in Guilmette Formation and Simonson Dolomite of Devonian age, 16355
- geochemical reconnaissance, 16355
- Perception:
 - depth problems, method of simulating objects moving in depth, 9938
 - detection in homogeneous visual field under condition of infinite depth of focus, 2490
 - induced color, effect of exposure time, 13660
 - induced motion analysis, 7973
 - occupational peculiarities of perception of one human being by another, USSR study, 7569
 - passive environmental sensor, use in testing sensitivity to stimulation, 3784
 - pitch discrimination, practice effects, 11155
 - red and green at various retinal positions, effect of luminance, 13662
 - red-green and yellow-blue mixtures, effect of stimulus duration, 13663
 - tachistoscopic, effects of induced muscle tension and auditory stimulation, 9594
 - visual detection of point source targets, 15065
 - see also* Sight—Tactual perception.
- Perceptron, synthesis and application, USSR studies, 14916
- Perceptual-motor performance, *see* Ability.
- Percidae, breeding tubercles, systematic significance, 2467
- Perennials:
 - flowering, growing, 14138
 - grasses, effect of diuron on seed yields, 14163
- Perez, Felix H., *see* Hurtado, Felix P.
- Perez, Ortelio R., *see* Rodriguez Perez, Ortelio.
- Perez de Gonzalez, Hilda W., relief, 15828, 16058, 17077
- Performance (psychology):
 - decompression effects on operator's performance, 11448
 - early decrement in primates following pulsed ionizing radiation, 1622
 - effects of knowledge of results on 6 un-interrupted hours of monitoring, 3794
 - performance upon sudden awakening, 97-98
- Performance ratings, *see* Efficiency ratings.
- Performance, story of the handicapped, 3319
- Performance tests, *see* Air cushion vehicles—Mental tests.
- Performing arts, occupations, employment outlook, 9237
- Perinatal mortality, *see* Death.
- Periodicals:
 - Army Library, selected literature, list, 3508
 - censuses of manufactures, industry report, 3892
 - copyrighted, catalog of copyright entries, 595, 4238
 - currently received in Army Library, checklist, 12577
 - Federal Fire Council, list received, 4509
 - Government, price list, 5097, 9621, 13950, 17995
 - magazine reprint MR series, 3173
 - military, Air University Library index, 2664
 - National Bureau of Standards Library, 12384
 - received in NIH Library, 9559
- Periodontal disease:
 - adults, 1960-62, U.S. examination and criteria, etc., 1439
 - glucose tolerance responses in young adults, 6815
 - saliva protease levels in relation to periodontal status in man, 11381
 - status of incoming Air Force Academy cadets, 15493

- Perishables, *see* Agricultural products.
- Perkins, L. Z., navigation channel improvement at Bonneville Dam, 11890
- Perkins, Melba B., claim against U.S., 12872
- Perlee, Henry E.:
flammability characteristics of—
selected halogenated hydrocarbons, 9371
trichloroethylene, 9385
- Perley, Clarence W., classification, class J, political science, 13652
- Perlite, minerals yearbook chapter, 15020
- Permacrete, *see* Concrete.
- Permafrost, mechanics of penetration of piles, 8245
- Permanent Engineering Board, cooperative development of water resources of Columbia River basin, administration and procedures, agreement with Canada, 2584
- Permanent Subcommittee on Investigation, *see* Government Operations Committee, Senate.
- Permeability:
protective clothing to insecticidal phosphoric-acid derivatives, East German study, 1037
two- and 3-phase relative studies, 15027
- Permeability (magnetic):
small ring sample in toroidal coil, computation, 6479
- Permian period, new genus of seed-bearing callipterid plants from Permian of north-central Texas, 14752
- Permits, *see* subjects for which permits are issued.
- Permittivity, small ring sample in toroidal coil, computation, 6479
- Pernas Becero, Daniel, relief, 16015
- Perreault, John O., sources of assistance and information, administrative management, 6599
- Perrin, Richard, W. E., Wisconsin architecture, 13882
- Perrin, Robert, Antarctic operations, 11829
- Perry, Carlos J. G., psychiatric selection of candidates for space missions, 8203
- Pershing, John J.:
memorial in District of Columbia, erection—
hearing, 11813
reports, 10316, 17213
trophy, NGB announcement of winners, 12389
- Persian Gulf:
lights and fog signals, list, change, 2481, 9583, 13896, 17970
sailing directions, change, 16744
- Persimmons, production, use, value, 1964-65, by States, 15379
- Person, Philip H., jr., relationship between selected social and demographic characteristics of hospitalized mental patients and outcome of hospitalization, 2460
- Personal affairs, Army handbook, 15512
- Personal property:
brought into U.S. under Govt. orders, permanent exemption from duty—
law, 10087
reports, 8561, 10302
dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, State Dept., and other Government agencies, GAO report, 14728
- Federal surplus, acquisition for health, educational, and civil defense purposes, 9027
- imported, civilian and military personnel, customs requirements, 16205
- leasing, prohibit banks from engaging in, hearings, 17369
- surplus—
classes sold by Defense Dept., 14515
how to buy from Defense Dept., 5852
- Personality, personal characteristics and parole outcome, 14080
- Personality tests, psychological tests and constitutional rights of Federal employees, hearings, 10356
- Personnel, local agency, for family services in public welfare, job specifications, 11907
see also Social workers.
- Personnel administration, *see* Administrative management.
- Personnel management series, 3981
- Personnel manual, *see* Civil service.
- Personnel methods series, 304-306
- Personnel Research Laboratory:
research reports, abstracts, 14183
technical reports, 90, 3790, 5323, 6805-8, 8198-8200, 14183-184, 15487-488, 16950
- Personnel services in education:
cost of secondary school guidance services, 4297
NDEA institutes for advanced study, counseling and guidance, manual, 13276
see also Counselors.
- Personnel workers, employment outlook, 9258
- Perspective, instrument transmits vanishing point to illustration point, 13759
- PERT, *see* Program evaluation and review technique.
- Perturbation theory, fourth order, application of unitary transformation, 9543
- Perturbations:
Krylov-Bogoliubov and Poincaré methods, high order effects, 4907
linear theory, guidance scheme for lunar descent, 2430
planetary, expansion of disturbing force, computation, 6412
planetary, in Chebyshev series, 4922
- Perru:
background notes, 11242
Chile boundary, study, 9723
market and competitor for U.S. farm products, 13265
mineral industry, minerals yearbook chapter, 7701
selected areas, examination, 5398
special study mission, report, 12963
U.S. army area handbook, 1646
- Peschon, John, information requirements for guidance and control systems, 10937
- Pesticides:
behind pesticide label, consumer protection, etc., 15462
cleanup and confirmation of identity of pesticide residues by thin layer chromatography, 14113
documentation bulletin, index to literature on pest control (periodical), 3322
equipment for applying soil pesticides, 5284
in food products, methods of determining, USSR study, 7624
interagency coordination in environmental hazards—
hearings, 4223, 5813, 7214
report, 13156
manual, analytical, 11985-986
metabolism, 16314
Mississippi River Delta region, impact on environment, 15467
organic phosphorus, and insecticidal carbamic acid esters, USSR study, 971
protection against, use of respiratory devices, 5264
registered agricultural chemicals, summary of uses, supplement, 5276
residues—
analysis, guide, 7993
in foods, 10545
individual, methods, analytical manual, 11987
methods which detect more than one, analytical manual, 11985-986
safe and proper handling naval preventive medicine, manual, 17830

INDEX 1966

- Pesticides—Continued
toxicological study of combined effects,
USSR study, 920
use—
 coordination of activities—
 hearings, 4223, 5813, 7214
 report, 13156
 effects on fish and wildlife research
 findings, 4411
- Pests:
 control—
 by chemical, biological, genetic and
 physical means, symposium, 12580
 facts, 17735
 related research, 8166
 forest pest leaflet, 2057, 4438, 7451-54,
 14694-696, 16322
 intercepted plant pests, list, 6716
 plant, of importance to North American
 agriculture, index, 11346
 see also Insects.
- Petavius, LAC 98, lunar chart, 14179
- Peters, C. C., machining properties of 2 wood
species grown in Hawaii, molucca albizzia
and nepal alder, 10563
- Peters, Elroy J., wild garlic, 3745
- Peters, Frank A., cost estimate of Bayer
process for producing alumina, 2356
- Peters, Herman J.:
 learning about space careers, 10972
 seven steps to career in space science and
 technology, 10973
 space jobs, 12275
- Peters, I. G., postirradiation creatinuria in
Macaca mulatta primates, 14190
- Peters, Wendell R., time-base expansion as
applied to vectorcardiography, 5333
- Peterson, Donald A., ablative materials as
nozzle sections of storable-propellant
rocket engine, 9500
- Peterson, Edward C., titanium resources of
United States, 13677
- Peterson, Esther:
 addresses, etc.—
 Nov. 13, 1965, 1559
 Dec. 6, 1965, 2512
 Dec. 7, 1965, 2516
 Jan. 11, 1966, 5090
 May 23, 1966, 11174
 Sept. 27, 1966, 17799
- Peterson, Eugene G., relief, 15813
- Peterson, H. B., gas turbine powered MB-5
alcraft firefighting and rescue vehicle,
6539
- Peterson, James P.:
 bending tests of large-diameter ring-stiff-
 ened corrugated cylinders, 7856
 test of truss-core sandwich cylinder loaded
 to failure in bending, 4916
- Peterson, John B., Jr.:
 considerations regarding evaluation and
 reduction of supersonic skin friction,
 16668
 effect of air injection through slots and
 porous surfaces on flat-plate turbulent
 skin friction at Mach 3, 7846
- Peterson, John J., fatigue behavior of Ti-
8Al-1Mo-1V in simulated wing structure,
etc., 1190
- Peterson, Ronald F., soil, etc., Crow Creek
Reservation, 9031
- Peterson, Stephen M., contested election,
hearing, 515
- Peterson, Walter F., safflower culture in
West-Central Plains, 30
- Petitions for patent waiver, findings of fact
and recommendations of NASA Inventions
and Contributions Board, 7904
- Petkof, Benjamin:
 diatomite, 15003
 gem stones, 15007
 mica, 17839
- Petrified Forest National Park, general in-
formation, 13886
- Petrochemicals, future of U.S. petrochemical
industry (address), 3999
- Petrochemistry, 1965 Hungarian conference,
reports presented, 10730
- Petrography, *see* Rocks
- Petroleum:
 accumulations, gravimetric effects, pre-
 liminary summary, 7482
 American petroleum interests behind
 Faisal-Johnson discussions, USSR study,
 13459
 changing water-injection profiles by selec-
 tive plugging after water breakthrough
 at producing oil wells, field study, 4802
 Connally hot oil act, redefine contraband
 oil—
 hearing, 11664
 law, 17134
 reports, 11629, 17487
 conservation, teamwork for growing Amer-
 ica (remarks), 1388
 crude oil—
 characterizations, analyses, 17855
 from Africa, analyses, 10910
 from fields in west Texas, analyses, 6326
 from important oilfields in United
 States, analyses, 17852
 market demand forecast, monthly, 3323
 qualitative and quantitative aspects,
 petroleum world, 6291
 thienothiophenes presence in Wasson,
 Tex., 12251
 crude petroleum and products—
 minerals yearbook chapter, 1108
 monthly statement, 3324
 do petroleum-based protective coatings add
 fuel value to slash? 10572
 domestic oil supply, prospects (remarks),
 13433
 exploration and exploitation, precise bore-
 hole gravimetry, 9017
 flow characteristics of oil-producing sand-
 stones, Illinois, Indiana, and Kentucky,
 laboratory evaluation, 12258
 fundamentals, 2488
 handling equipment and operations, Army
 technical manual, 11408, 16966
 industries, water use, 6289
 industry—
 accelerated growth (address), 845
 industry and Government (remarks),
 6060
 injury experience, 15004
 oil policy concerns of U.S. Government
 (remarks), 849
 review and reappraisal (remarks), 6062
 technology, Lewis Research Center, Con-
 ference, report, 15085
 International Convention for Prevention of
 Pollution of Sea by Oil, amend-
 ments, implementing—
 law, 15730
 reports, 12911, 14464
 international petroleum quarterly, 3080
 Iranian oil resources, Soviet criticism of
 foreign exploitation, 9090
 Middle East, western oil interests, Soviet
 criticism, 12100
 national and international outlook (ad-
 dress), 8411
 Near East, western oil interests, USSR
 view, 14926
 nitrogen gas in North Dakota oilfields,
 17857
 offshore leasing, problems and potentials
 (remarks), 10670
 oil import program (remarks), 7511
 oil recovery by low-pressure gas drive in
 Keener sand, Bonds Creek oilfield, La-
 fayette district, Pleasants County, W.
 Va., 12253
 oil reservoir analysis and predicted re-
 covery by waterflooding, Clinton sand,
 Logan oilfield, Hocking County, Ohio,
 1157
 oilfields, Williston basin, Mont., N. Dak.,
 and S. Dak., 13672

Petroleum—Continued
 petroleum and national defense (remarks), 6556
 plants, investment and operating costs, bibliography, 12235
 production and processing occupations, employment outlook, 9307
 products—
 census of manufactures, 1963, manufacturing plants, location, 12700
 commodity transportation survey, shipper series, 214
 distribution by administration districts, 2860, 7540
 survey (series), 4786-87, 7704, 12236, 16569
 resources of oil in U.S. and world, 2101
 Soviet critique of Anglo-American oil interests in Iran, 17771
 statistical information system vital for further development of industry (remarks), 14769
 sulphur compounds in, identification, 12257
 thermal recovery—
 carbon deposition, statistical approach to research, 7715
 project and 2 waterflood projects, Carter, Garvin, and Stephens Counties, Okla., 16560
 waterflood performance calculations, computer techniques for calculating shape factors and channel volumes from potentiometric model, 12239
 well-drilling trends (remarks), 6061
 see also Pipe lines.
 Petroleum as fuel, *see* Fuel oils.
 Petroleum engineering, radioactive contamination resulting from use of nuclear explosives for stimulating production, 1158
 Petroleum Exposition, International, *see* International Petroleum Exposition.
 Petroleum gel as slash ignition aid and fuel booster, 10584
 Petroleum products, *see* Petroleum.
 Petroleum refineries:
 and related industries, census of manufactures, 1963, industry report, 6903
 industry wage survey, 17813
 United States and Puerto Rico, 12237
 Petrology, *see* Rocks.
 Petrowitz, Harold C., operation and effectiveness of Government boards of contract appeals, 13069
 Pettibone, Marian H., revision of Pilargidae, etc., 7939
 Petty, C. M., study of perturbed periodic systems of differential equations, stroboscopic method, 15074
 Petty, Thomas L., management of chronic obstructive lung diseases, conclusions of 8th Aspen Emphysema Conference, 11192
 Pezdirtz, George F., new class of stepladder and ladder polymers, polyimidazopyrrolones, 2431
 PF series, 3327
 Pfeffer, Robert, analysis and correlation of heat-transfer coefficient and friction factor data for dilute gas-solid suspensions, 15192
 PFM (pulse frequency modulation) telemetry, *see* Telemetry.
 PHA, *see* Public Housing Administration.
 Pharmaceuticals, *see* Drugs.
 Pharmaceutics (USSR periodical):
 translations, 12102, 12112
 Pharmacies:
 pharmacy section of packaged disaster hospital, 18007
 physician ownership, report of subcommittee, 10355
 Pharmacists:
 druggists turning to local public employment service offices for complete manpower service, 1988

Pharmacists—Continued
 employment outlook, 9259
 National Conference of Scientific Societies of Pharmacists, Bulgaria, 10718
 orientation manual on disaster preparedness, 5107
 residencies in Public Health Service hospitals, 16807
 R legend, FDA manual, 7447
 speak to customers about medicare, 5144
 Pharmacognosy, Ukrainian-language book, excerpts, 7593
 Pharmacologists, invitation to build career with FDA, 8947
 Pharmacology:
 and clinical application of central cholinolytics, USSR study, 7612
 clinical, excerpts from Russian language book, 10773
 propellant fuels, boron hydrides, 14188
 side effects of tranquilizers and antidepressants, 5325
 see also Drugs.
 Pharmacy, USSR, news, 2270
 Phase analysis of cardiac activity, USSR, 14953
 Phase inversion, Invertor provides variable reference push-pull output, 13779
 Phase rule and equilibrium, ternary phase diagrams for Ga-P-Zn and Ga-As-Zn systems with applications to diffusion problems, 9412
 Phase shift:
 phase shifts of human circadian system and performance deficit during periods of transition—
 East-West flight, 8308
 North-South flight, 9936
 West-East flight, 11446
 phase variations of 16 kc/s signals from GBR observed at College, Alaska, 1297
 Phase studies, nucleation and growth of ice crystals, 4552
 Phase telegraphy, transmission of discrete information in phase-keyed channels, USSR study, 17762
 Phelan, Earl W., radioisotopes in medicine, 15550
 Phelps, Robert B., wood products used in single-family houses inspected by FHA, 6779
 Phenolic nylon, *see* Nylon.
 Phenolic resins, *see* Resins.
 Phenology:
 Acacia koa on Mauna Loa, Hawaii, 10577
 of trees on sites with high water tables, 2073
 Phenylketonuria:
 inherited metabolic disorder associated with mental retardation, 6941
 what do you know about PKU, 281
 Phifer, Bryan, Federal-State programs for occupational education & training, 6768
 Philadelphia, Pa.:
 area wage survey, 9316
 commodity transportation survey, production area series, 8343
 principal electric facilities, map, 7374
 Philately and philatelists, *see* Postage stamps.
 Philipp, Warren H., chemical reactions of carbides, nitrides, and dihydrides of titanium and zirconium and chemical bonding in these compounds, 13836
 Philippines:
 atomic energy safeguards, application by IAEA for peaceful uses, agreement, 2585
 background notes, 18113
 Corregidor-Bataan Memorial, agreement, 11263
 establishing business, 4013
 health information for travel, 6579, 16795
 income-tax convention, 13071
 loan of destroyers, law, 426
 military bases, relinquishment of certain areas for other lands, agreement, 8071

INDEX 1966

Philippines—Continued

- mineral industry, minerals yearbook chapter, 4773
- national service life insurance funds, peso payments—
 - hearings, 14443
 - report, 15901
- official publications, exchange, agreement, 9728
- parcel post, agreement, 5164
- sailing directions, 9580
- trade in cotton textiles, agreement, 5160
- travel authorization for House Veterans' Affairs Committee, report, 8601
- veterans, hospitalization and medical care program, extend—
 - hearings, 16195, 17397
 - law, 17111
 - reports, 15866, 15877, 16133
- war orphans educational assistance—
 - hearings, 16195, 17397
 - law, 17112
 - reports, 15867, 16134
- Philippot, Jack L., relief, 8540, 12818, 13106
- Phillips, Charles W., job development and training workers in health services, 14759
- Phillips, Harry L., modern mathematics and your child, 4311
- Phillips, V. Estelle, Air University Library index to military periodicals, 2664
- Philosophy :
 - and cybernetics, problems, USSR studies, 938
 - biology and game theory, USSR studies, 9112
 - biology, contemporary problems, 6200
 - cybernetics, USSR study, 9094
 - dialectics, philosophical science, USSR study, 9093
 - executive, bibliographic survey, 12656
 - history, newly published, USSR critique, 9146
 - medicine and biology problems, USSR studies, 9108
 - scientific and technological aspects, USSR study, 2255
 - simulation in man-machine space mission system, 10977
 - statistics, philosophic questions, USSR study, 6238
- Philpot, Charles W., temperatures in large natural-fuel fire, 10578
- Philopopite mica, *see* Mica.
- Phoenix, Ariz. :
 - area wage survey, 13598
 - principal electric facilities, map, 7378
- Phonocardiographs :
 - microphone is rugged and moistureproof, 13750
 - system monitors heart sounds, 9466
- Phonographs :
 - and record player attachments, current industrial reports, 1732, 15586
 - Federal item identification guides for supply cataloging, supplements, 2939
- Phonorecords :
 - children's recordings, selected list, 16223
 - Library of Congress catalog, 12229, 16545
- Phormium, western Oregon, anatomical and agronomic studies, 14150
- Phosphate, Fort Meade quadrangle, economic geology, 12011
- Phosphate rock, *see* Rock phosphates.
- Phosphate slimes, chemical processing of Florida, phosphate rock slime, 17853
- Phosphates :
 - electrolytes, electrowinning tungsten, 7711
 - fertilizer situation, 8141
 - industry, western, and its resources, evaluation, Idaho, 13691
 - Meade Peak, Idaho, samples, petrographic and flotation studies, 9374
 - recovery, effects of certain mineralogical features, 9372

Phosphates—Continued

- superphosphates, current industrial reports, 2817
- see also* Rock phosphates.
- Phosphine :
 - anticholinesterase properties of O-ethyl-S-alkylmethylthiophosphinates, USSR study, 892
 - gas masks for respiratory protection, 13678
- Phospholipid metabolism and minute heart volume, 6125
- Phosphonium compounds, mercurated salts, USSR study, 16415
- Phosphoric acid, derivatives, insecticidal, protective clothing permeability, East German study, 1037
- Phosphorous acid, esters, action on α -chloro-perfluoronitrosoalkanes, USSR study, 1011
- Phosphorus :
 - intoxication by organic phosphorus compounds, 10770
 - organic compounds—
 - inhibited reactivation of cholinesterase, role of metallic complexes in reactivation, USSR study, 14943
 - nitrochromazo for titrimetric microdetermination of sulfur, USSR study, 13539
 - organic pesticides, and insecticidal carbamic acid esters, USSR study, 971
 - promotes root development of yellow birch, 8958
- Photo interpretation, *see* Photographic interpretation (military science).
- Photochemistry :
 - photolysis, poly(n-butyl methacrylate) in vacuum, 6550
 - photolysis, polystyrene films in vacuum and in air, 2496
 - solvent effects in photolysis of polystyrene, 5074
- Photoconductivity :
 - beam alignment techniques based on current multiplication effect in photoconductors, 9405
 - review of U.S. Government research and development reports, 6476
- Photocurrent carriers, beam alignment techniques based on current multiplication effect in photoconductors, 9405
- Photodegradation of high polymers, 2496, 5074, 6550
- Photoelasticity, photoelastic study of internally stressed circular opening in biaxial stress field, 16571
- Photoelectric cells, photoelectric system continuously monitors liquid level, 4876
- Photoelectricity :
 - detection of weak spectrum lines, 6345
 - scanner makes work function maps of metal surface, 17904
- Photoengraving, superior process for semiconductor devices, 16607
- Photogrammetry :
 - celestial bodies, photography, photogrammetric processing, etc., in space investigations, USSR study, 988
 - stereopanoramic photography, USSR study, 12142
- Photographers :
 - employment outlook, 9260
 - examination announcement, suspension notice, 3985
- Photographic apparatus and supplies :
 - census of manufactures, industry report, 3904
 - commodity transportation survey, shipper series, 5453
 - consolidated identification list for test evaluation, Federal supply catalog, Defense Dept. section, 4255-56, 8811
 - Federal item identification guides for supply cataloging, supplements, 2937
 - Federal Republic of Germany, production, imports, etc., 341

- Photographic apparatus and supplies—Con.
 photographic equipment, utilization and procurement review of controls at Sandia Laboratory, Albuquerque, N. Mex., AEC, GAO report, 4503
 photographic recording of high-speed processes, 1284
 Photographic interpretation (military science):
 photo interpretation of celestial bodies in space investigations, 988
 team procedures in image interpretation, 14234
 Photographic paper, domestic, for printing documents and texts, USSR study, 14948
 Photographic recording of high-speed processes, 1284
 Photographic surveying, photography in airborne geophysical surveying, USSR study, 13449
see also Photogrammetry.
 Photographing recording systems, *see* Photographic apparatus and supplies.
 Photographs:
 CD newscaptures, 2734
 identification of individuals through photographs, USSR study, 16505
 moon, Ranger IX camera fields of view, 12281
 Photography:
 atom, role in nuclear research and development, 162
 beam splitter used in dual filming technique, 6398
 celestial bodies, photo interpretation, etc., in space investigations, USSR study, 988
 continuous, close-in, use of high-intensity flasher, 7776
 low-density iron artificial meteoroid, photographic observations, 11035
 photographically produce small dot patterns of known geometry on surface to be subjected to adhesive bonding tests, 15098
 pictorial fundamentals, techniques, equipments, and systems, Army technical manual, 6846
 recording esthetic and biologic changes with photographs, 2071
 stereopanoramic, problems, USSR study, 12142
 surface surveillance, manual, 7976
see also Aerial photography—Infrared photography.
 Photoionization. *see* Ionization.
 Photolysis, *see* Photochemistry.
 Photometers, scanning system automatically determines atmospheric layer height, 9477
 Photometry:
 brightness of earth as planet, USSR study, 16408
 flame—
 determination of cesium and rubidium, 15023
 report, 5012
see also Spectrophotometry.
 Photomicroscopes, duty-free entry, 389, 542
 Photomultiplier, plastic scintillator converts to ultraviolet range, 6410
 Photons, absolute yields of light elements by deuteron bombardment, 16699
 Photonuclear reactions, photonuclear data index, 7915
 Photo-scale protractors, *see* Protractors.
 Photosensors used to maintain welding electrode-to-joint alignment, 4890
 Photosynthesis, halophiles from Owens Lake, 4818
 Phototypesetting machines:
 electronic composing system, guide for utilization, 6045
 offset lenses add versatility, 9180
 Photoviscoelasticity, 9418
 Photovoltages, high photovoltages in cadmium sulfide films, 9534
 Photovoltaic barriers, *see* Barrier materials.
 Photovoltaic solar sensor for use in spacecraft orientation control systems, 6447
 PHS, *see* Public Health Service.
 Physical constants, recommended by NAS—NRC, adopted by NBS, 5006
 Physical culture, *see* Physical education and training.
 Physical education and training:
 Job Corps manuals, 618, 10404
 Peace Corps, general information, 5082
 Soviet athletics, analytical approach to physical training urged, 913
 Soviet woman and physical culture, 987
 Physical examinations:
 health, survey of children 6–11 years, psychological measures used, 8004
 medical, utilizing data in elaboration of standards for therapeutic, etc., service, USSR study, 7550
 Voskhod spaceship crews, results, 12149
see also Premarital examinations.
 Physical fitness:
 airmen, medical standards and certification, Federal aviation regulations, 2006, S880, 14605, 17647
 4 years of fitness, President's Council on Physical Fitness, report, 2514
 Physical Fitness, President's Council on, *see* President's Council on Physical Fitness.
 Physical geography:
 Alaska, divisions, 10642
 Chinese Geographic Society, 1963, annual convention, geomorphology, papers, 13585
 cold regions, aspects, 8249
 physiographic and hydraulic studies of rivers (series), 6031, 12021, 17718
 Physical measurements, and financial calculations, farmers' handbook, 16919
 Physical properties testing equipment, industrial plant equipment handbook, 8799
 Physical research:
 Atomic Energy Commission authorizing legislation, 1967, hearings, 8482
 physical studies with high energy protons, 2439
 Physical sciences, *see* Science.
 Physical therapists, employment outlook, 9255
 Physical therapy, all-Union congress of physiotherapists and health-resort scientists in Baku, 16459
 Physical training, *see* Physical education and training.
 Physically handicapped, *see* Handicapped.
 Physicians:
 aging patient, disease detection in persons over 45, office evaluation, 16806
 Armed Forces appointment and residency consideration program, information bulletin, 8812
 aviation medical examiners, directory, 9939
 doctor bill insurance, medicare health benefits can help you, if you are about 65, 16831
 employment outlook, 9264
 flight accidents, 15559
 general practice residency program, Indian Health Division, 7991
 health insurance under social security, reference guide, 11228
 heart disease, how doctors diagnose, 1421
 Indian Health Division pediatrics residency program, 2524
 liability in good Samaritan cases, relieve, law, 441
 medical internships in U.S. Public Health Service hospitals, 18060
 medicare and practicing physician (paper), 11194
 opportunities in Medicine and Surgery Department, VA, 16894
 ownership in pharmacies and drug companies, report of subcommittee, 10355

- Physicians—Continued
practicing, in medical higher educational
institutes, scientific activity, USSR
study, 14793
preventive medicine residency program,
Division of Indian Health, 6574
Public Health Service, residencies, general
information, 9629
reporting physical abuse of children in
D.C., reports, 17200, 17288
review of medicare, 6607
training in RSFSR, 7551, 7615
young physician does his work, USSR
study, 2264
see also Medical specialists—Ophthalmol-
ogists—Osteopathic physicians.
- Physicists:
employment outlook, 9263
examination announcement, 14302
radioisotopes, examination announcement,
8404
discontinuance notice, 3978
trainee, examination announcement, 298
- Physics:
approach to sediment transport problem,
12021
atmosphere and ocean, USSR studies,
13466
atmospheric, USSR studies, 2158
combustion and explosion, USSR studies,
10716, 13500, 14958
Communist Chinese abstracts, 2775
East European abstracts, 2872
free atmosphere, USSR studies, 10778
heat exchange during vapor condensation,
4989
journal of research, National Bureau of
Standards, 3100, 17937
mathematical, journal of research, Na-
tional Bureau of Standards, 3101, 17938
moon, characteristics, explorations, etc.,
papers, 1243
radiation, 142
reliability physics notebook, 8201
Rumania, application in production, 12107
solar physics, achievements, 13724
solid state, summaries of basic AEC re-
search programs, 5403
USSR abstracts, 3677
see also Nuclear physics—Plasma.
- Physiographic and hydraulic studies of
rivers (series), 2103
- Physiography, *see* Physical geography.
- Physiological effects of 18-hour flight in F-
4C aircraft, 12642
- Physiological reactions, dogs, characteristics
and origin of delayed reactions, USSR
study, 16496
- Physiology:
bedrest effect, 9390
cardiovascular system and respiration,
USSR scientific research, 6119
chronic acceleration studies, responses,
9415
chronic adaptation to high elevations,
USSR study, 4633
conditioning of human organism, USSR
study, 10810
cosmonaut experience, USSR studies based
on, 9137, 14821
data, feeding into Ural-2 electronic com-
puter, USSR study, 12165
electrophysiological investigations of ret-
ina, USSR study, 14887
environmental, of submarine and space-
craft, 6282
humans and animals, reactions to space
flight, 13515
Hungarian universities, developments,
past 20 years, 10779
learning and overlearning correlates,
15251
monitoring, use of dry electrodes, 11052
race car drivers, observations, 15068
radioisotopes, studies employing, 5401
- Physiology—Continued
reactions of man during weightlessness,
USSR study, 1043
USSR studies, 963, 7637, 9109, 12134
USSR technical progress, 2155
Physiotherapy, *see* Physical therapy.
- Phytocology of greystone habitat at Eagle,
Alaska, 13396
- Phytophthora cinnamomi, infection of short-
leaf pine seedlings, testing for resistance,
5986
- Phytoplankton, populations, distribution in
Sandy Hook Bay, etc., 7444
- Piao Lin, *see* Lin Piao.
- Piazza, Frank, interplanetary monitoring
platform (IMP) spacecraft performance,
7860
- Picasso, Pablo, life and works, USSR study,
6173
- Pickering, Glenn A.:
drop structure for Walnut Creek project,
Walnut Creek, Calif., 13296
spillway, Cannelton Locks and Dam, Ohio
River, Ky. and Ind., 5889
spillway, Hannibal Locks and Dam, Ohio
River, Ohio and W. Va., 13297
- Pickering, John E., space radiobiology, train-
ing and operations, a concept, 5299
- Picketing:
District of Columbia, prohibit within 500
ft. of any church, report, 12984
sitius picketing, report, 8543
- Pickles and relishes:
making at home, 6747
standards for grades, 14512
- Pickoffs, optical gyro pickoff operates at
cryogenic temperatures, 7784
- Pico de Itabrito district, Brazil, geology
and mineral resources, 4518
- Pictorial fundamentals, 6846
- Picture story series, 3766, 6776, 9833,
15461-476
- Pictured Rocks National Lakeshore:
establish—
hearings, 4135, 13042
report, 15887
- Pictures, *see* Paintings—Photographs.
- Piedmont region, Virginia, loblolly, and
shortleaf pine, site index prediction, 8977
- Pieper, C. W., ground flight tests, XV-9A hot
cycle research aircraft, 8272
- Pierce, Clyde L., response of guard electrodes
in oil-well logging, 10921
- Pierce, James L., commercial bank liquidity,
16278
- Pierce, Margaret H., cases decided in Court
of Claims, 599, 600, 1958-59, 4239-40,
5840, 7249
- Piers, data, Port of New York, N.Y. and
N.J., 13293
- Piersma, B. J., interaction of carbon dioxide
with hydrogen chemisorbed on platinum
electrode, 16764
- Piersol, Allan G., spectral analysis of non-
stationary spacecraft vibration data, 1191
- Pietri, C. E., spectrophotometric determina-
tion of gallium in plutonium-gallium al-
loy, 3847
- Piezoelectricity, piezoelectric pulsing equip-
ment for sonic velocity measurements in
rock samples from laboratory size to mine
pillars, 13694
- Pig iron, *see* Cast iron.
- Pigeons, wild, and white-winged doves, hunt-
ing, possession, transportation, importa-
tion in Alaska, Federal regulations, gov-
erning, 14673
see also Mourning doves.
- Pigford, J. L., and wife, relief, 16029
- Piggback program, cooperative exporting,
10031
- Pigs, *see* Swine.
- Pihlainen, John A., construction in muskeg,
3819
- Pike, Clarence E., Far East and Oceania
agricultural situation, 14546

Pil Su Park, *see* Barker, Richard P.
 Pilargidae, *see* Annelids.
 Pile driving, *see* Piles and pile driving.
 Pileggi, Joseph, commercial fisheries review, 2763
 Piles and pile driving:
 explosive driven pile, optimization list, 11397
 mechanics of penetration of piles into permafrost, 8245
 Pilié, Roland J., project fog drops, investigation of warm fog properties and fog modification concepts, 4823
 Pillars (mine), *see* Mine pillars.
 Pillowcases, current industrial reports, 263
 Pilot balloons, *see* Ballons.
 Pilot guides, *see* Coast pilots.
 Pilot plants, flotation of nonmagnetic tannite, etc., 6313
 Pilots and pilotage:
 Great Lakes—
 seaway pilot dispatch system, district 1, operations manual, 4001
 statistical report, 4028
 see also Astronauts—Aviators.
 Pinckney, S. Z., optimized turning-vane design for intake elbow of axial-flow compressor, 1259
 Pine:
 eastern white pine, bibliography, 10598
 geographic distribution in world, 5293
 Honduras—
 bagged and barerooted, survival and growth, 16326
 early height growth, effect of plastic mulch, 16327
 potting media, 16328
 Jeffrey and ponderosa, dwarfmistletoe removal and reinvasion, 2067
 loblolly pine plantations, forest floor related to stand characteristics, erosion study, 4459
 lodgepole—
 antibiotics for control of comandra rust, 15436
 bleached groundwood, kraft, and sulfite viscose-grade pulp, suitability for pulping, 2075
 reproduction after slash disposal treatments, 13364
 longleaf, litter in stands thinned to prescribed densities, 16334
 needle fuel bed, characteristics of backfires and headfires, 5980
 ponderosa—
 bitterbrush, natural and thinned, nutrition levels under, 8963
 dwarfmistletoe control, forecasting returns, 17704
 samplings, spacing and understory vegetation affect growth, 2063
 seed sources, performance in Denbigh Experimental Forest, N. Dak., 5982
 slash cleanup in forest, affects use by deer and cattle, 13366
 southern Idaho, pine butterfly defoliation, 16325
 use of forest in Arizona by deer, elk, cattle, 13365
 red—
 and jack pine, estimating crown fuel weights, 7461
 investment returns from growing, estimating, 10597
 sand pine cone and seed characteristics, 5997
 Scleroderris canker in upper Michigan, etc., 13370
 seedling survival under simulated drought, 16333
 shortleaf—
 regeneration on prepared sites 5 years after seedfall, 5989
 seedling in Ozarks, 10592
 seedlings, resistance to infection by *Phytophthora cinnamomi*, testing, 5986

Pine—Continued
 shortleaf—continued
 stand density affects yield, 793
 thinning methods, 795
 understory hardwoods retard growths, 794
 site index prediction for Virginia, loblolly, and shortleaf, in Virginia Piedmont, 8977
 slash—
 plantations, old-field, topwood volume tables, 5987
 pole-sized, response to drainage, 16331
 racial variation, affected by climatic factors, 16339
 southern—
 cone and seed yields from controlled breeding, 10610
 needle cast, forest pest leaflet, 7451
 plywood, standard of trade, 12382
 yellow, log overruns, 14708
 species in Harrison Experimental Forest Arboretum, 5996
 Virginia, pre-commercial thinning not recommended, 4443
 white—
 crystallization of resins induced by cone beetle, 4442
 eastern, mensurational characteristics, 4468
 germination of seed as influenced by stratification, 798
 resins, insect-induced crystallization, 4441
 weevil control, field test of procedures for evaluating and scheduling, 792
 western, site index and tree height of associated species, 8972
 Pine butterflies, *see* Butterflies.
 Pine needle-sheath miner, malathion aerial spray controls, 17689
 Pine root collar, *see* Weevils.
 Pine sawflies, *see* Flies.
 Pine shoot moths, *see* European pine shoot moths.
 Pinehurst, N.C., climatic summaries of resort areas, 5899
 Pinellas County, Fla.:
 land conveyance to—
 hearings, 13061
 report, 17205
 Piñon:
 diurnal and seasonal fluctuations in moisture content, 13369
 eradication, effect on streamflow from Corduroy Creek basin, Ariz., 10643
 pinyon-juniper sites in New Mexico, adaptability of forage species, 4452
 woodlands on Cibecue Ridge, throughfall for summer thunderstorms, 6033
 Pins:
 alignment tool facilitates placement on irregular horizontal surfaces, 16633
 straight, office, Federal standard, 11955
 Pinus edulis, *see* Piñon.
 Pinyon, *see* Piñon.
 Pioneer (USC&GSS):
 International Indian Ocean Expedition—
 cruise narrative and scientific results, 11503
 oceanographic stations, BT observations, and bottom samples, data report, 15636
 Piotrowski, Maria A., relief, 12893, 14351
 Pipe and pipe fittings:
 acrylonitrile-butadiene-styrene plastic, standard of trade, 1290
 cast iron soil pipe and fittings, standard of trade, 13856
 circular pipe bends, liquid cavitation studies, 4925
 corrugated, structural plate, resistance coefficients, hydraulic model investigation, 8864
 external linkage tie permits reduction in thickness of flange, 13761

Pipe and pipe fittings—Continued
 Federal item identification guides for supply cataloging, supplements, 2935
 helical corrugated pipe, friction factors, 8127
 hydraulic analysis of circular pipe culverts, electronic computer program, 5125
 pipe bends, effects on fluid flow cavitation, 11021
 piping flexibility, primary analysis for liquid-metal-cooled fast breeder reactors, 5388
 portable tools—
 cleans pipes, 2394
 removes burrs from pipe and tubing, 1235
 production in USSR, 13501
 remotely controlled system couples and decouples large diameter pipes, 12317
 sewer pipe in sewerage utilities, regional requirements, 5435
 Pipe cutters, tool useful in limited space, 9454
 Pipe lines :
 accounts, uniform system, 9060
 cryogenic transfer, inexpensive thermal insulation, 13783
 gas, flow rate, computer program to determine, 12331
 interstate natural gas, FPC report on safety, 8770
 modify definition of term carrier for purpose of ICC regulations, report, 1839
 natural gas—
 sales by producers to interstate pipeline companies, 4381
 statistics for interstate companies, 4380
 oil—
 transport statistics, 4585
 transportation revenue and traffic, 3621
 penalties for thefts from pipelines, report, 17246
 transport vehicles for pipeline construction, USSR study, 12109
 vacuum jacketed, leak locator eliminates need for removal of outer jacket, 16635
 Pipe Spring National Monument, general information, 12400
 Pipefitters, employment outlook, 9261
 Pipelin, Arnold P., hydraulic transport of coal, 7712
 Pipelines, *see* Pipe lines.
 Piper, A. M., has United States enough water? 4527
 Piper Aircraft Corporation, President's E award for excellence in exporting (remarks), 355
 Plpiringos, George N., origin of elements associated with uranium in Cave Hills area, Harding County, S. Dak., 17719
 Piscataqua River, water resource appraisals for hydroelectric licensing of basin, planning status report, 4387
 Pistol practice, *see* Target practice.
 Pistols, NGB indoor matches, postal, announcement of winners, pamphlet, 17951
 Piston gages, rotating deadweight, calibration by means of mercury column, 15025
 Pistons, rectangular, use of Fresnel method to calculate radiated acoustic field, 1373
 Pitch (aircraft) :
 pitch-up on supersonic transport model with high-aspect-ratio variable-sweep wing, 15160
 Pitch (motion) :
 Aerobee 150 structural and aerodynamic pitch coupling, 17910
 approximate determination of pitch of screw propeller, USSR study, 2213
 deep-stall pitch-up characteristics of T-tail transport aircraft, parametric study, 13803

Pitch (motion)—Continued
 Gemini configurations, damping and stability in pitch and yaw, 7854
 subsonic jet-transport airplane, model, aerodynamic damping and oscillatory stability in pitch, 4918
 Pitch (music), *see* Musical pitch.
 Pitcher, C. B., market for residential central heating equipment in United Kingdom, 10025
 Pitman, Norman J., relief, 16032
 Pitot tubes, surface pitots for measuring tubulent skin friction at supersonic Mach numbers, adiabatic wall, 12355
 Pittman, Charles W., jr., relief, 12807, 16011
 Pittman, Claud M., analytical determination of effect of thermal property variations on performance of charring ablator, 12359
 Pitts, Donald G. :
 electrical stimulation of oculomotor nucleus, effects of stimulus frequency, 15492
 scotic response in cat, 12645
 Pittsburgh, Pa. :
 area wage survey, 10866
 commodity transportation survey, production area series, 8345
 fluid milk supplies, coordinating in market, 6760
 principal electric facilities, map, 7374
 Pittsburgh coal, *see* Coal.
 Pituitary glands, hypophysis, in presence of radiation injuries to organism, USSR studies, 4691
 Pividal, Rafael J. Nobo y, *see* Nobo y Pividal, Rafael J.
 PKU, *see* Phenylketonuria.
 PL 480 newsletter, 3148
 Place names, *see* Geographical names.
 Placebo, *see* Microgrammars.
 Placement :
 college placement officers, employment outlook, 9225
 Job Corps centers, manual, 13259
 Plague, immunization of guinea pigs against, USSR studies, 10834
 Plane coordinates, *see* Coordinates.
 Plane stress, *see* Strains and stresses.
 Plane thermoelastic deformation of internally heated annular disks or hollow cylinders, 4985
 Planetarium, elementary-school teaching resource, 17887
 Planetary perturbations in Chebyshev series, 4922
 Planetology, significant achievements, 10976
 Planets :
 atmospheres—
 continuing bibliography, 15091
 significant achievements, 7756
 gases, helium-driven, tailored-interface operation of shock tubes, analysis, 12363
 interplanetary missions—
 chemical stages in 300 to 400 second specific impulse range, performance analysis, 2434
 finite-thrust escape from and capture into circular and elliptic orbits, 15194
 midcourse guidance using radar tracking and on-board observation data, 16686
 theory of minimum effort control, 6330
 navigator study of electric propulsion for unmanned scientific missions, 15066
 observation made with 6-inch transit circle 1949-56, corrections to FK4, GC and N30, 6518
 optimization of double-conic interplanetary trajectories, 4932
 parking orbits with examples for Mars, 4959
 perturbations, general, expansion of disturbing force, computation, 6412

Planets—Continued
 perturbations in Chebyshev series, 4922
 planetary-entry configurations, dynamic-model study in Langley spin tunnel, 13818
 planetary flight handbook, 9445
see also Planetology.

Planning mills:
 census of manufactures, 1963, industry report, 6897
 southern, industry wage survey, 17811

Plankton:
 freshwater, analytical reference service training program study, 2528
 general information, 14653

Planners, see Supervisors.

Planning:
 Bulgaria, new system of planning and economic management, contracts and taxes, 16454
 chemico-pharmaceutical industry, USSR study, 4643
 cybernetics in machine building industry, analysis aids, 12180
 functional facilities for home economics education, 5880
 land use with respect to aircraft noise, Air Force manual, 9850
 rural and urban, uses of airphotos, 11348
 welfare services for older people, papers, 11904

Planning (economics), see Economic policy—Families.

Planning (programming), see Programming (planning).

Planning reports, National capital open space program, 17946

Planning status report (series), 4384-87

Plans, see Architecture.

Plans for progress program, 12198

Plant diseases, see Diseases of plants.

Plant lice, aphids on leafy vegetables, how to control, 6742

Plant pests, see Pests.

Planters (seed):
 precision vacuum-type planter head, 3728

Planting:
 precision vacuum-type planter head, 3728
 spring, booklets, list, 6566
see also Tree planting.

Plantings, see Crops.

Plants:
 agricultural, scientific cultivation, Rumanian study, 14917
 ecology, Death Valley, Calif., 7487
 flora of Starkey Experimental Forest and Range, 10554
 hardness zone map, 52
 inventory, material received by New Crops Research Branch, 8137, 11339-340, 14115
 ion transport in relation to salinity, 7513
 Library of Congress, classification, plant industry, 1100
 light effects, experiments, etc., 8150
 nutrients, consumption in U.S., 16870
 optical properties, influence of environmental factors, etc., on lower and higher plants, studies, 12375
 ornamental plant materials in nurseries, application of granular herbicides, 14103
 phytocology of greenstone habitat, Eagle, Alaska, 13396
 primary plant nutrients, consumption, 14161
 protection and quarantine, USSR conference, 13566
 publications, price list, 1404
 quarantine import requirements—
 England, Scotland, and Wales, 14116
 Mexico, 11341
 quarantine notices under Plant quarantine act, P.P.C. series, 3305
 quarantine, prevent hitchhiking bugs, 9832
 quarantines, protection for America's resources, 6776

Plants—Continued
 respirometer enables high resolution of oxygen consumption rates, 16629
 transpiration, research, 11366
see also Diseases of plants—Forbs.

Plants (industrial):
 alfalfa dehydrating plants, feasibility of establishing in Northwest resource conservation, etc., 14542
 atmospheric problems, 6283
 characteristics of 63 modern industrial plants, 16216
 chemical and petroleum, investment and operating costs, bibliography, 12235
 defense industrial plant equipment center operations, DSA manual, 4248
 defense industry diversification, analysis with case studies, 6825
 equipment handbooks—
 aircraft maintenance and repair shop specialized equipment, 13246
 centrifugals, separators and filters, 13247
 combination and miscellaneous instruments including dynamometers, 16208
 compressors and vacuum pumps, 10386
 crystal and glass industries machinery, 10388
 distribution and power station transformers, 8800
 electrical control equipment, 16209
 environmental chambers, 8801
 foundry equipment, 11842
 industrial furnaces and ovens, 8798
 material handling equipment and lifting electro-magnets, 7255
 measuring and controlling instruments, 10387
 metalworking machinery, 8797
 motors, generators and generator sets, and rotating converters, 11844
 physical properties testing equipment, 8799
 portable machine tools and toolroom layout plates and tables, 8804
 power conversion equipment, electrical, 8802
 pumps, 11843
 refrigeration and air conditioning equipment, 17606
 rolling mills, drawing machines, and metal finishing equipment, 8803
 scales, balances, and optical instruments, 11841
 storage tanks, 17607
 textile industries machinery and industrial sewing machines, 7257
 woodworking machines, 606
 wrapping and packaging machinery, 7256

1st steps to company survival, industrial civil defense workbook, 290, 17025

location planning, a look at the labor side, Labor Statistics Bureau publications and studies, list, 14982

manufacturing, location by industry, county, and employment size—
 apparel and related products, 12698
 chemicals and allied products, 12700
 East North Central division, 14256
 East South Central division, 14259
 furniture and fixtures, 12699
 instruments and related products, 15574
 leather and leather products, 12698
 lumber and wood products, 12699
 machinery, except electrical, electrical machinery, 12701
 Middle Atlantic division, 14255
 miscellaneous manufactures, 11455
 New England division, 14254
 ordnance and accessories, 11455
 Pacific division, 16997
 paper and allied products, 11454
 petroleum and coal products, 12700
 primary metal industries and fabricated metal products, 11456

Plants (industrial)—Continued
 manufacturing—continued
 printing and publishing, 11454
 Rocky Mountain States, 14260
 rubber and plastics products, 12700
 South Atlantic division, 14258
 stone, clay and glass products, 11455
 textile mill products, 12698
 transportation equipment, 15574
 West North Central division, 14257
 West South Central division, 16996
 Pacific Northwest major industrial plant sites, Puget Sound area, Wash., 5430
 Pavlodar oblast, tractor production, 9152
 poultry and egg, operating under inspection and grading programs, list, 592
 profit as index of efficiency, USSR study, 1034
 safeguarding classified information, security manual, 13254
 shellfish, depuration plant design, 13962
 shipments of defense oriented industries, 1963 census of manufactures, 6915
 under USDA inspection, processed fruits, vegetables, etc., list, 16202
 tours for international visitors to U.S., 6684
see also types of industrial plants.
 Plants, fossil, paleobotany of Cook Inlet region, Alaska, 12020
 Plasma:
 acceleration problems, electrode phenomena in high energy density discharges as applied to, 12266
 accelerators, space propulsion, 7853
 Apollo sheath, estimates of nonequilibrium ionization phenomenon, 15077
 argon and argon-hydrogen, reaction of coal, 15030
 collision-free magnetoplasma, radiofrequency power transfer to ion-cyclotron waves, 7876
 cyclotron waves in collisionless plasma, 2366
 effects in near-zone field of antenna, 16616
 electron drift in plasma, 4991
 high density, radiationless decay, limits of validity, 11049
 hydrogen, low-density nonequilibrium, steady-state composition, 17912
 magnetized, ballooning interchange instabilities under gravitational fields, 8286
 natural modes, error in induced electric field modes under Stix coil resulting from assumption of orthogonality, 6438
 plasma and electronic super-high frequency amplifiers and oscillators, USSR study, 13511
 properties to 100 kilobars of pressure, measurement and interpretation, 9420
 radiation from slot antenna in ground plane covered by warm plasma layer, 12366
 sliding plasmas, volume and surface instability, 2405
 sprayed alumina coatings on stainless steel, shear bond strength analysis, 1275
 substitutes, experiments with polyglucine and gelatinol, USSR studies, 949
 superconducting magnetic bottle for plasma physics experiments, 15186
 tenuous helium, effects of metastable atoms on volume ion production, 1280, 12334
 Plasma (blood), *see* Blood.
 Plasma jets, synthesis of nitrogen fluorides in nitrogen plasma jet, 12426
 PLASTECH notes, 8815-16, 10396, 13255, 17614
 PLASTECH report, 4259, 7268, 8817, 14521-522
 Plaster, census of manufactures, 1963, industry report, 3898
 Plasterers, employment outlook, 9219

Plastic coating, anticorrosive, USSR study, 10701
 Plastic scintillator converts standard photomultiplier to ultraviolet range, 6410
 Plastic sheets, *see* Sheet-plastics.
 Plastic strain, *see* Strains and stresses.
 Plasticity, soils, plane deformation, 14210
 Plastics:
 and related materials, trade designations, 8815
 bonded plastic tape use for lining filament-wound fiber-glass cryogenic propellant tanks, 4950
 bottles, current industrial reports, 260, 1735, 12720
 commodity transportation survey, shipper series, 3909
 compatibility with liquid propellants, fuels and oxidizers, 8817
 defense engineering materials and applications, Government specifications and standards, 17614
 electrical properties, data compiled from technical conference search, 4259
 fiber reinforced thermoplastics, applications, etc., 14521
 filament winding effects of curing-agent structure upon epoxide plastic physical properties, 2499
 glass reinforced, weathering, 7268
 in traumatology and orthopedics, USSR study, 9075
 inflatables, rotating mandrel speeds assembly of, 7791
 infrared spectra, materials developed since 1954, 16766
 laminates, device detects unbounded areas, 2393
 materials, census of manufactures, industry report, 3893
 miscellaneous products, census of manufactures, 1963, industry report, 6904
 mulch, effect on weed growth and early height growth of Honduras pine, 16327
 PLASTECH notes, 8815-16, 10396, 13255, 17614
 PLASTECH report, 4259, 7268, 8817, 14521-522
 plastic plus stainless-steel fibers make resilient, impermeable material, 2393
 products, census of manufactures, 1963, manufacturing plants, location, 12700
 reinforced laminates, effect of thermal cycling on tensile and compressive strength, 2074
 shipments of selected products, 1964, current industrial reports, 3923
 steady-state ablation of plastic materials, effect of diffusion-controlled char oxidation, analysis, 13847
 synthetic components, 10377
 thermoplastic and phenolic resin systems, crosslinking, thermal and mechanical properties, bibliography, 10396
 U.S. production and sales, preliminary report, 3337
 use in armored tank equipment, USSR study, 13571
 wood-plastic combinations using gamma radiation to induce polymerization, 12683
 wood-plastic composites, engineering and evaluation study for manufacturing, 15534
see also names of articles made from plastics—*also* names of plastics.
 Plastics Technical Evaluation Center:
 PLASTECH notes, 8815-16, 10396, 13255, 17614
 PLASTECH report, 4259, 7268, 8817, 14521-522
 La Plata-Animas project, *see* Animas-La Plata project.
 Plated ware, census of manufactures, industry report, 3905

- Plates:**
 aluminum/steel wire composite, high tensile strength, 12304
 blunt-leading-edge, roughness effects on boundary-layer transition, 15149
 elastic, physically nonlinear, stress concentration about curvilinear holes, 4999
 extension, effect of orientation of rectilinear crack on its propagation, 2447
 fixed vacuum, clamps for machining styrofoam, 12323
 flat, with flap and delta wing, etc., hypersonic pressure and heat transfer tests, 15048
 rectangular—
 moments and reactions, 9640
 with linearly varying in-plane and axial load, eigenvalue problem, 15056
 sharp and blunt flat plates, pressure, heat transfer, and skin friction at Mach number 6.8, study, 7847
 splitter, for aerodynamic separation of twin inlets, 7892
 stress concentration in plate of unlimited dimensions with angular notches, reduction, 4995
 structural plate corrugated pipe, resistance coefficients, hydraulic model investigation, 8864
 suppressor, eliminates undesired arcing during welding, 13792
 thin, spray velocity resulting from high-velocity penetration by disks, 16682
 uniform, for thin-layer chromatography, 8954
 vibration in bending modes using lumped parameters, mathematical model, 9518
see also names of metals, etc., of which plates are made.
- Platforms:**
 combat-expendable, for airdrop of supplies and equipment, 6845
 interior servicing platform, simplifies maintenance of storage tanks, 17898
 loading environment and related requirements for platform rigged airdrop materiel, military standard, 7265
 VTOL blast controlling platform, design and development, feasibility study, 4335
- Plating, copper on aluminum, suggested method, 9448**
- Platinum:**
 disposal from national stockpile—
 law, 8466
 reports, 7186, 8579
 electrode—
 interaction of carbon dioxide with hydrogen chemisorbed, 16764
 potential at low partial pressures of hydrogen and oxygen, 17977
 metals, mineral industry survey, quarterly, 3326
 platinum-group metals, minerals yearbook chapter, 17851
 wetting by water, 9595
- Platoons:**
 rifle, Marine Corps, functions, etc., Fleet Marine Force manual, 16548
 tank units, Army field manual, 8252
- Platt National Park, general information, 13887**
- Platte River and Valley, water supply outlook and snow surveys, 3688**
- Platzer, Max F., quasi-slender body theory for slowly oscillating bodies of revolution in supersonic flow, 11066**
- Play games with baby, guide for parents, 6770**
- Playas, southern High Plains, hydrology, conservation, and management of runoff water, 15435**
- Playgrounds, America's national forests, skiing, 3762**
- Pleasanton Plant Materials Center, relocation, report, 17283**
- Pleasants County, W. Va., oil recovery by low-pressure gas drive in Keener sand, Bonds Creek oilfield, Lafayette district, 12253**
- Pleistocene period, *see* Glacial period.**
- Pliers, modified to facilitate coupling of bayonet-type connectors, 17893**
- Pliocene period, new stork from Nebraska, 11223**
- Plotters, calculating and plotting surface wave rays, 13291**
- Plotting boards and plotting:**
 plotting, Antisubmarine Warfare Environmental Prediction Services manual, 12410
 screw propeller performance curves by digital computers, USSR study, 1049
- Plowshare program (civil, industrial, and scientific uses for nuclear explosives):**
 authorizing legislation, 1967, hearings, 8482
 general information, 11443
 Isthmian Canal studies, 1964—
 construction of Isthmian sea level canal by nuclear methods, 152
 excavation with nuclear explosions, 154
 general construction plan for sea-level canal, 157
 nuclear excavation plan, 153
 nuclear operations, 156
 on-site survey program, 158
 safety evaluation for air blast, ground shock, throwout, and dust, 155
- Project Pre-Schooner—**
 preshot investigations, 151
 final report, 14237
 reports, 3848-49, 1681-82, 5397, 14239, 15538, 16972, 16973-975
- Plugs:**
 changing water-injection profiles by selective plugging, material required, field study, 4802
 keyed, and sockets prevent improper connections, 4875
 polarizing keys prevent mismatch of connector plugs and receptacles, 12296
 rubber, expandable, seals openings for pressure testing, 11022
- Plum Brook reactor, *see* Reactors (atomic).**
- Plumas County, Calif., land conveyance to C. A. Lundy, 15826, 17085, 17417**
- Plumbers:**
 employment outlook, 9261
 supervisor, examination announcement, 9993
- Plumbers' supplies, plumbing fixtures, current industrial reports, 2818, 12721**
- Plumbing:**
 equipment, Federal Item Identification guides for supply cataloging, supplements, 2935
 for home and farmstead, 6743
 repairs for home and farmstead, 16924
- Plumbing fixtures, *see* Plumbers' supplies.**
- Plumes, *see* Jet plumes.**
- Plums, production, use, value, by States, 15379**
- Plutonium:**
 and other radioisotope sources, discovery to demand (remarks), 6872
 commercial, fuels conference, 12678
 discovery took place in Room 307 Gilman Hall, dedication as national historic landmark (remarks), 5426
 gallium alloy, spectrophotometric determination of gallium, 3847
 measurement methods in nuclear fuel cycle, evaluation, 6854
 past, present, future (remarks), 5423
- Plywood:**
 Federal item identification guides for supply cataloging, supplements, 2935
 imports, 1695
 southern pine, standard of trade, 12382
- PMOC, *see* Protestant Men of the Chapel.**
- PMS, *see* Personnel methods series.**

- Pneumatic binary encoder replaces multiple solenoid system, 15104
Pneumatic conveyors, *see* Conveyers.
Pneumatic separators, quick release to heavy loads, 15093
Pneumatic valves, *see* Valves.
Pneumatic wave generators, *see* Wave generators.
Pneumoconiosis, industrial dust, and incidence of pneumoconioses, USSR study, 6211
Pocahontas coal, *see* Coal.
Pocket guides:
 Caribbean, 15503
 Greece, 8224
 your Washington, nation's Capital, 11132
Poços de Caldas Plateau, uraniferous zirconium deposits, 13395
Podany, Joseph C., citrus prices and market structure in Lower Rio Grande Valley of Texas, 8148
Podarmus ploa, *see* Polynoidae.
Poddar, Dinesh K., relief, 11729, 12901, 14339
Poddar, Girish K., relief, 12901, 14339
Podiatry, *see* Chiropody.
Podocarpus, Java, naturalization in Hawaii rain forest, 2070
Podzol soils, *see* Soils.
Poetry, chaos and control in poetry (lecture), 17821
Pogo, welcome to the beginning, work training, Neighborhood Youth Corps, 2284
Poincaré methods, *see* Equations.
Point Conception, Calif., to Mexican border, 1966, coastal warning facilities chart, 9764
Point Reyes National Seashore:
 general information, 17961
 land acquisition, clarify and increase authorization—
 hearing, 14489
 reports, 15922, 16113
Poirier, Ronald, relief, 4079, 12817, 13118
Poisonous and venomous marine animals of world, 8818
Poisons:
 acute hydrazine toxicity in mice, biochemical studies, 12630
 acute toxicity by soman, USSR studies, 9116
 evaluation of p,p'-DDT as reference toxicant in bioassays, 14674
 food toxicoses and toxic infections, 17789
 household use, regulate, labeling, etc., law, text, 10549
 industrial air pollution, USSR studies, 898
 intoxication by organic phosphorous compounds, 10770
 lethal poisoning of dogs with soman and prophylaxis with nemikon-4, electrocardiographic observations, Bulgarian study, 13504
 marine animals, biochemistry, USSR study, 6203
 National Clearinghouse for Poison Control Centers bulletins, 2235
 organophosphorous compounds, antidotes used for intoxications, Rumania study, 14844
 prevention law, general information, 7449
 radioelements, toxicity, AEC research program, 8306
 teaching poison prevention in kindergarten and primary grades, guide, 6578
 toxic and serological shifts in blood of burned animals, USSR study, 14879
 toxic properties of V gases, Polish study, 13531
 vapor toxicity of new antidetonator, manganese cyclopentadienyltricarbonyl, 899
 weapons against, USSR study, 4595
 see also Food poisoning—*also* names of poisons.
- Poland:
 aviation certificates of airworthiness for imported civil glider aircraft, agreement, 1499
 background notes, 8049
 cotton textiles, trade agreement, 15371
 defection of Wladyslaw Tykocinski, testimony, hearing, 15995
 emigre writings, critique of historical authenticity of published documents, 7590
 foreign currencies, U.S.-owned, report, 17353
 labor conditions, 13642
 millennium, 5-cent commemorative postage stamp (poster), 13924
 mineral industry, minerals yearbook chapter, 2341
 1,000th anniversary of founding, commemorative medals, report, 11783
 patents, abstracts, translations, 3585
 provincial press, summary, 3561
 Soviets and the seas, report of U.S. congressional delegation, report, 12988
 Warsaw Pact, Yugoslav analysis in relation to NATO, 14812
 world atlas by Army Topographical Service, 2164
Polar aurorae, USSR, 6105
Polar regions, *see* Antarctic regions—Arctic regions.
Polarimeters, *see* Polariscopes.
Polaris (star), *see* Pole star.
Polariscopes:
 development of instrument for detection of extraterrestrial life, 9399
 digital polarimeter, duty-free entry, 389, 542
Polarization (radio):
 antenna configurations provide diversity, 6392
 nonreciprocal circular polarizer, 1361
Polarizing keys prevent mismatch of connector plugs and receptacles, 12296
Polarography, technic for oxygen concentration, temperature, and viscosity determinations, 5334
Polatty, James M., laboratory design, analysis and field control of grouting mixtures employed at nuclear test in salt, 3853
Pole star, ephemeris, 1098, 17819
Poles:
 telephone poles, service life on Island of Hawaii, 10583
 wood, derivation of fiber stresses from strength values, 4464
Police:
 Capitol, employ additional personnel, report, 12926
 District of Columbia—
 Police Department Band, include members of Fire Department, etc., report, 15872
 Police Department reorganization, Congress to review report of D.C. Crime Comm. first, report, 12986
 report of President's Commission on Crime in D.C., 15262
 retirement benefits for older totally disabled, report, 15853
 salaries, increase—
 hearings, 10237, 10338
 reports, 15833, 16139, 17312
 policemen and policewomen, employment outlook, 9239
 traffic supervision, highway safety action program, brief outline, 11205
 United States Park Police, salaries, increase, hearing, 10338
 White House force, salaries, increase, hearing, 10338
 see also Military police.
Policemen, *see* Police.
Policewomen, *see* Police.

- Policy Advisory Committee, report to District of Columbia Commissioners, hearings, 7131
- Polish American Congress, Inc., medals commemorating 1,000 anniversary of founding of Poland, report, 1783
- Political activities, *see* Politics.
- Political Activity of Government Personnel Commission:
create—
law, 17115
report, 17234
- Political campaigns, *see* Elections.
- Political corruption, preventing, Federal elections act of 1966, report, 16093
- Political geography, China, 14808
- Political science:
classification, Library of Congress, 13652
USSR, theoretical articles, 2257
- Political scientists, employment outlook, 13594
- Politics:
Communist China, translations, 3590
Eastern Europe, translations, 3328
employees of community action agencies and VISTA, prevent engaging in pernicious political activities, hearings, 14498
Indonesia's political history and Oct. 1 coup, Swedish leftist view, 14902
North Korea, translations, 3591
North Vietnam, translations, 3592
political activity, Federal officers and employees legal restrictions, 3998
political changes in Turkey, 7568
problems of Italian left and unification, 13485
Syria, current political situation, Soviet view, 12119
- Polk County, Fla., economic geology, 12011
- Pollack, Gerald A., remarks, June 22, 1966, 11531
- Pollen traps, simplified, for use on colonies of honey bees, 9773
- Pollination, *see* Fertilization of plants.
- Pollucite, ore, volatilization of cesium chloride, 12247
- Pollution-caused fish kills, 13332
- Pollution of air, *see* Air pollution.
- Pollution of streams, *see* Water pollution.
- Pollution of water, *see* Water pollution.
- Polyarylates, USSR, 2249
- Polybenzimidazoles, review, 14522
- Polychaeta, *see* Annelids.
- Polyelectrolytes:
complexes as reverse osmosis and ion-selective membranes, 6064
membrane phenomena, correlation of structure with functional properties, 10678
- Polyethylene:
penetration into aluminum, at high velocities, 7882
plastic squares for reducing weed growth around newly planted trees, 16327
see also names of manufactured articles.
- Polyethylene terephthalate, insulated ribbon wire, transient effects caused by electron irradiation, effects of shunt capacitance, 7849
see also Mylar.
- Polyglucine:
experiments, use as blood and plasma substitutes, USSR studies, 949
treatment of edematous states, USSR study, 14906
used in blood transfusion and radiation sickness, USSR study, 4596
- Polygons, ground, large scale patterned, origin and environmental significance, Donnelly Dome area, Alaska, 1637
- Polygraphs:
use as lie detectors by Federal Government—
hearing, 4133
report, 15930
- Polyimides, *see* Amides.
- Polymers and polymerization:
compatibility of polymeric materials with fluorine and fluorine-oxygen mixtures, 12340
deformation gauge measures thickness change in tensile tests, 7801
dielectric properties of polymers, bibliography, 13255
high polymers, thermal degradation, oxidation and analysis, literature survey, 8816
high, protodegradation, 2496
inorganic, adhesive restorative dental materials, literature survey, 2498
microbial polymers, preliminary cost estimate, 9787
new class of stepladder and ladder polymers, polyimidazopyrrolones, 2431
new polymer systems for reverse osmosis membranes, research and development, 4558
photodegradation of high polymers, 5074, 6550
polyimide, etc., friction and wear characteristics in vacuum, 6441
polymer film exhibits thermal and radiation stability, 6369
preparation of wood-plastic combinations using gamma radiation to induce polymerization, 12683
silazane polymers show promise for high-temperature application, 12293
substituted silane-diol polymers have improved thermal stability, 12301
synthesis of high molecular compounds by radiation polymerization method, USSR study, 9069
- Polynoidae, pelagic Podarmus ploa Chamberlin, redescription, 7939
- Polynomials, Chebyshev, planetary perturbations, 4922
- Polypeptides, *see* Peptides.
- Polyphenyl ethers at reduced pressures, rolling-contact lubrication studies, 4909
- Polyserositis, diplococcal, threefold reanimation from clinical death caused by, USSR study, 2258
- Polyxiloxanes, *see* Siloxanes.
- Polystyrene:
films, photolysis in vacuum and in air, 2496
photolysis, solvent effects, 5074
- Polytetrafluorethylene:
coatings on elastomeric vulcanizates, wear durability improvement, 1378
corrosion resistance of flame-fused teflon-coated magnesium and aluminum alloys to sodium chloride solutions, 12432
lubricates ball bearings in vacuum environment, 6405
PTFE-aluminum films serve as neutral density filters, 4854
TFE-fluorocarbon resin sintered thin coatings for dry film lubrication, standard of trade, 13557
- Polyurethanes, *see* Urethanes.
- Polyvinyl pyrrolidone, administration, for prolongation of effect of monomycin in infectious foci, USSR study, 6124
- Pomegranates, production, use, value, by States, 15379
- Pomerat, C. M., observations on newborn rat dorsal root ganglia in vitro following gamma irradiation, 3796
- Ponderosa pine, *see* Pine.
- Pondfish, dealers, list, 10532
- Pontius, Paul E., measurement philosophy of pilot program for mass calibration, 11097
- Pontoons, Federal item identification guides for supply cataloging, supplements, 2940
- Poor housekeeping breeds fires, safety and fire protection bulletin, 18133
- Popenoe, Peter, aeroradioactivity survey and areal geology of Denver area, Colo., 12670

INDEX 1966

- Popoff, Constantine C., computing reserves of mineral deposits, 9359
- Poppa, Helmut, electrode phenomena in high energy density discharges as applied to plasma acceleration problems, 12266
- Poppet valves, *see* Valves.
- Popular names of U.S. Government reports, catalog, 16546
- Population:
- Americans at mid-decade, 3927
 - census, 1790 to 1960, inquiries included, 12729
 - census, 1960—
 - age of foreign stock by country of origin, 211
 - final reports, 3939, 8371, 11479
 - marital status, 3939
 - procedural history, 11460
 - supplementary report, 211, 1705-6, 6917-18
 - census publications, price list, 5101
 - challenge, what it means to America, 6056
 - characteristics, census 1960—
 - labor reserve, 1705
 - marital status and age at 1st marriage, 1706
 - Negro population by county, 6918
 - characteristics, Los Angeles, south and east areas, 12724
 - crisis, hearings, 4224, 8778, 10349, 14484, 17582
 - current population reports, 2819
 - consumer buying indicators, 268, 5496, 11474, 14275
 - consumer income, series, 8364, 14277, 15592
 - population characteristics, series, 266-267, 3925-26, 5486-87, 6924-25, 8359, 14270-271, 17007
 - population estimates, series, 1737-38, 3928-29, 5488-91, 6927-31, 8360-62, 9964, 11467-470, 12725, 14273-276, 17008-9
 - population estimates 1950-65, United States, 1738
 - special censuses series, 2930-31, 5492-95, 6931-32, 8363, 9965, 11471-472, 12726-727, 17010-11
 - technical studies, 1736, 3927, 6926, 12724, 14272, 15591
 - data controls, Atlantida, case study in household sample surveys, 6937
 - developing countries, keeping food production apace with human reproduction (address), 14129
 - estimation, illustrative procedure of component method, 9964
 - farm, 1965, United States, 8358
 - estimates, 14537
 - farm, series Census ERS, 8358
 - food-population problem and future of man (address), 9834
 - household and family characteristics, 17007
 - large metropolitan areas, estimates, 8361, 11469, 14274
 - metropolitan areas, largest standard statistical, 6928
 - mid-decade census, take in 1966 and 1975, etc., report, 481
 - migration report (series), 631, 7295
 - mobility, 6925
 - more effectively using space for people (address), 9808
 - national census survival rates by color and sex, 1950-60, errata, 1736
 - Navaho Indians, analysis of sources of information—
 - departmental edition, 15498
 - document edition, 15779A
 - Negro—
 - characteristics, 5486
 - distribution, 6917
 - New Caledonia, population and economy, 12137
- Population—Continued
- poverty areas, family characteristics, 14272
 - Puerto Rico and outlying areas, 1950-65, estimates, 8362
 - self-defense against bacteriological weapons, USSR study, 4646
 - Soviet papers contributed to UN world population conference, Belgrade, 10731
 - special censuses conducted by Census Bureau, summaries, 3930, 6932, 7010, 8363, 11471-472, 12727
 - State and local estimates, inventory of agencies preparing, survey, 5491
 - States, estimates, 3929
 - States, illustrative projections, 5489
 - United States—
 - by metropolitan and nonmetropolitan residence, 8359
 - current survey, origin, method, and evolution, 15593
 - estimates, 267, 1737, 3928, 5490, 6930-31, 8360, 11467-468, 14273, 14276, 17008-9
 - estimates and components of change, 6929
 - projections of white and nonwhite population to 1985, by age and sex, 14275
 - revised projection by age and sex to 1985, estimate, 6927
 - USSR, policy, etc., 14372
 - voting age, for States, projections, 5488, 11470
 - world population and food crisis, hearings, 7107, 8645
 - print additional copies, reports, 17278, 17544
 - staff summary of testimony, 7110
 - X-ray exposure 1964, report on PHS study, 18067
 - see also* Demography.
- Population (mathematics):
- models to test theoretical effects of sex attractants used for insect control, 9815
- Population Problems Office, Health, Education and Welfare Dept., create, hearings, 4224, 8778, 10349, 14484, 17582
- Population Problems Office, State Dept., create, hearings, 4224, 8778, 10349, 14484, 17582
- Porcelain enamel, *see* Enamel.
- Pork:
- fresh, meatpackers' cost, 625
 - fresh, purchase specifications, institutional, approved by USDA, 7242
- Porosity:
- interrow zone, influenced by tillage, 9791
 - method-dependent values of bulk, grain, and pore volume as related to observed porosity, 7480
- Porous materials:
- electron beam seals outer surfaces of porous bodies, 6363
 - oxidation-reduction reaction process reduces pore diameters to produce superior filters, 6365
- Port, *see* name of port, except when occurring as first word of name of town, etc.
- Port Arthur, Tex.:
- area wage survey, metropolitan area, 13599
 - commodity transportation survey production area series, 8346
- Port Everglades, Fla., port, 13294
- Portable lightweight cell provides controlled environment, 15100
- Portable surfacing for U.S. Army pioneer-type runways, laboratory and engineering field tests, 4340
- Portable tool removes burrs from pipe and tubing, 1235
- Porter, Bernard:
- density and molar volumes of binary fluoride mixtures, 16581
 - reaction rate of uranium metal with uranium tetrafluoride in molten fluoride solutions, 6322

Portland, Maine:
 area wage survey, 6261
 nursing homes, conditions and problems, hearings, 1926

Portland, Oreg.:
 area wage survey, metropolitan area, 16529
 port, relief, report, 1917
 principal electric facilities, map, 7377

Portland cement, *see* Cement.

Portman, Donald J., visual resolution and optical scintillation over snow, ice and frozen ground, 8233

Portrait of median city, capsule view of social welfare programs in United States, 16905

Portraits, *see* names, etc., of subjects sitting for portraits.

Portraits in community health (series), 1429

Ports:
 code classification used in compiling U.S. foreign trade statistics, schedule D, 3936, 5457
 distances between ports, 6524
 export corn meal port bulletin, 2894
 export wheat flour port bulletin, 2900
 foreign, code classification, schedule K, change, 5498
 inspection services, costs at ports of entry—
 hearings, 10034
 report, 14460
 ocean, economic impact, 14988
 port series, 13293-294
see also names of ports, or places where located.

Portsmouth, Va., area wage survey, metropolitan area, 14974

Portugal:
 atomic energy cooperation for civil uses, agreement, 6645
 background notes, 16852
 corporations, newly elected presidents and senior officers, 4687
 foreign trade regulations, 17056
 labor conditions, 13643
 mineral industry, minerals yearbook chapter, 4774

Portuguese East Africa, Mozambique, background notes, 8047

Portuguese Guinea, *see* Guinea.

Portuguese West Africa:
 Angola—
 background notes, 8037
 mineral industry, minerals yearbook chapter, 6294

Portuondo, Alonso, relief, 15683, 15795, 16007

Position classification, *see* Classification.

Position-classification standards, 3329

Position finding, acoustic ray ship positioning and tracking system, 6545

Possessions of United States, *see* Outlying possessions.

Post-graduate work, *see* Colleges and universities.

Post Office and Civil Service Committee, House:
 activities, 89th Congress, 1st session, summary,
 calendar, 3123
 committee prints, 524, 1864, 4142, 5702-3, 7158-60, 7162, 8675, 8677, 10260-261, 14434-435, 17391
 hearings, 523, 4143, 5704-5, 7157, 7161, 8676, 10258-259, 11673-680, 13054-55, 14436, 15985-986
 investigations and studies—
 Defense Dept. civilian manpower policies in Far East and Western Europe, authorization, report, 17301
 expenses, reports, 493, 4106
 reports, 481, 489, 1821-22, 1834, 1844, 5638, 5669, 7078, 7093-95, 8591, 8596, 10164-165, 10220, 11624, 12941, 12943-944, 15868, 17194, 17229, 17257-258, 17260-262

Post Office and Civil Service Committee, Senate:
 calendar, 3141
 hearings, 5822-24, 7233-34, 8788, 10365, 11827, 14502, 16197, 17595-596
 investigations and studies, authorization, reports, 4165, 4199
 reports, 4165, 4173, 5789-91, 7178-79, 8722-24, 10307, 11781, 14465, 16065-66, 16069-70, 17418, 17475-476, 17484, 17541

Post Office Department:
 accelerated business collection and delivery program, Boston, Baltimore, and Washington, D.C., post offices, GAO review, 10625
 additional Assistant Postmaster General—
 hearing, 11673
 law, 12823
 reports, 10164, 16066
 Advisory Panel on Postal Rates, report, 10260
 agreement with American Federation of Labor and Congress of Industrial Organizations, 16779
 agreements with employee organizations, 17989
 appropriations, 1966, budget amendments, 8691
 appropriations, 1967—
 hearings, 7114, 10322
 law, 15699
 reports, 8598, 11625, 13122
 appropriations, transfers—
 law, 12827
 reports, 7093, 16065
 Assistant Postmaster General, nomination of Leo S. Packer, hearing, 16197
 construct buildings, authorize, hearings, 10370
 contractor-furnished personnel, use in violation of statutes governing Federal employment, GAO report, 4507
 cost ascertainment report, 6563
 Eau Gallie, Fla., employees relief, 8530, 11544, 11733
 facilities handbook series, 12453
 general counsel, nomination of Timothy James May, hearing, 7234
 information service IS series, 1395
 labor-management relations (address), 13920
 leasing property by Postmaster General, extend authority—
 hearings, 10370
 law, 17129
 reports, 12941, 13161, 16127
 motor vehicles, replacement and procurement program, GAO review, 14738
 parcel post legislation requested by Postmaster General, 5702
 postal manual, 3332
 posters commemorative stamps, 2510, 2759, 5086-88, 6561-62, 7984, 9611-15, 11172, 13921-925, 15259-260, 16780-783
 press releases—
 general, 3397
 philatelic, 3397
 public service industry (address), 17777
 report, 1965—
 departmental edition, 5089
 document edition, 4051
 report on postal rates, 10101
 savings available if uniform items are furnished postal employees in lieu of allowances, GAO report, 16350
 savings available through more extensive use of contract vehicle service and certain mail-handling equipment, GAO report, 809
 supervision over city delivery carriers, GAO report, 6017

INDEX 1966

Post offices:

- construct buildings for postal purposes, authorize, hearings, 10370
- directory, with ZIP code numbers, 6564, 17988
- leases, extend authority, hearings, 10370
- manual, 3332
- occupations, employment outlook, 9309
- personnel handbook, 3330
- revenues and classes, 2511
- Worldway Postal Center, Los Angeles, Calif., construction information, 6565

Postage:

- classroom training cards, extend special 4th class rates, hearing, 523
- meters, use in postal service, hearing, 5705
- rates—
 - Advisory Panel on Postal Rates, report, 10260
 - 4th-class mail, revise—
 - hearings, 10259, 14502
 - law, 15762
 - reports, 10165, 17484
 - Post Office Dept. report, 10101
 - 2d and 3d class, for volunteer fire, ambulance, and rescue companies, extend, report, 12943

Postage stamps:

- commemorative—
 - 2-cent Frank Lloyd Wright regular (poster), 9611
 - 4-cent humane treatment of animals (poster), 6561
 - 5-cent—
 - American circus (poster), 7984
 - beautification of America (poster), 15259
 - beautification of America, 1st day ceremony (remarks), 16784
 - Bill of Rights (poster), 11172
 - Christmas (poster), 16780
 - General Federation of Women's Clubs (poster), 13921
 - Great River Road (poster), 16781
 - Indiana statehood (poster), 6562
 - Johnny Appleseed (poster), 15260
 - Marine Corps Reserve (poster), 13922
 - Marine Corps Reserve stamp, Iwo Jima Memorial (address), 15258
 - Mary Cassatt American painting (poster), 16782
 - migratory bird treaty (poster), 5086
 - National Park Service (poster), 13923
 - Poland's millennium (poster), 13924
 - regular stamp in coils (poster), 13925
 - servicemen-savings bonds (poster), 16783
 - SIPEX (poster), 9613
 - SIPEX souvenir sheet (poster), 9614
 - Washington regular (poster), 5087
 - 6-cent Roosevelt regular (poster), 2510
 - 8-cent Albert Einstein (poster), 5088
 - posters, 2759
 - Roosevelt, Franklin D., stamp, dedication (address), 5084
 - 4-cent regular postage stamp in coils (poster), 9612
 - philatelic releases, 3397
 - United States, July 1, 1947—Dec. 31, 1965, description, 11173

Postal bulletin, *see* Postal service.

Postal cards, 11-cent international air mail, 9615

Postal contracts, *see* Postal service.

Postal rates, *see* Postage.

Postal Rates, Advisory Panel, *see* Advisory Panel on Postal Rates.

Postal routes, *see* Postal service.

Postal Savings System:

- discontinue—
 - hearings, 5824
 - law, 7041
 - report, 5791
- report of operations, 4056

Postal service:

- accelerated business collection and delivery program, Baltimore, Boston, and Washington, D.C., post offices, GAO review, 10625
- Armed Forces, mailing privileges, provide—
 - law, 417
 - report, 489
- Armed Forces overseas, mailing privileges, provide better service—
 - hearings, 7157, 11827
 - reports, 7094, 17284, 17475
- Armed Forces, review of 7025 Air Postal Group, Europe—
 - hearing, 4143
 - report, 5638
- Armed Forces, Vietnam and Thailand, on-site inspection, report, 17258
- city delivery, supervision over carriers, Post Office Dept., GAO report, 6017
- code of Federal regulations, 10496
- cooperation (address), 5083
- data by class of mail, 4142
- dedication of self-service postal unit, Springfield, Mass. (address), 16776
- employees, salary rates, 7159, 14434
- employees, savings available if uniform items are furnished in lieu of allowances, GAO report, 16350
- field service, qualification standards, 303, 308, 1762, 3436
- improve (addresses), 1394, 5085, 11170, 13916-917, 16775
- Investigation, extension, report, 4165
- laws, changes, 12454
- mail transportation by regulated motor carrier, hearings, 11675, 14436
- objectives (address), 13919
- position descriptions and salary schedules, 3330
- postal bulletin, 3331
- publications, price list, 6568
- special services performance cost ascertainment report, 6563
- star route contract prices, cost-of-living adjustments—
 - reports, 1834, 11781
 - veto, 12859
- State postal maps, 13927-946
- summer jobs, temporary, examination announcement, 3982
- Universal Postal Union—
 - constitution, convention, etc., 6640
 - history, etc., 1395
 - use of postage meters, hearing, 5705
- VIM, vertical improved mail system in Life of Georgia Tower, Atlanta, Ga. (addresses), 2508
- Zip code system, encourage use by volume mailers, hearings, 11680
- see also* International postal service—Mail handlers—Mail matter.

Postal Union, Universal, *see* Universal Postal Union.

Poste totemico Indio Haida en Saxman, Estado de Alaska, 15406, 15408

Posters:

- America the beautiful (series), 9660-9711
- American soldier, 1863-1963, uniforms, 3812
- Consumer and Marketing Service, 7247
- DSA poster series, 13253, 14523
- Food and Drug Administration, 13351
- Forest Service, how a tree grows, 7456
- Forest Service, what we get from forest land, 802
- get your A for health, eat type A school lunch every day, 10374
- know the eggs you buy, 17601
- Post Office Department, commemorative stamps, 2510, 2759, 5086-88, 6561-62, 7984, 9611-15, 11172, 13921-925, 15259-260, 16780-783

Posters—Continued
 sold by Superintendent of Documents, price list, 1409
 U.S.T.S. colored poster series, 14055-61, 15405-410

Postgraduate School, Naval, *see* Naval Postgraduate School, Monterey.

Postgraduate work, *see* Colleges and universities.

Postmaster General, *see* Post Office Department.

Postmasters:
 examination announcements, 3970-72, 15628
 4th class, examinations, instructions to applicants, 15631

Posts:
 treated wooden guardrail posts, market opportunities in West Virginia, 791
 wood, Hawaii, durability test, 2d progress report, 10579

Potash:
 fertilizer situation, 8141
 minerals yearbook chapter, 16570

Potash feldspar, *see* Feldspar.

Potassium:
 high-temperature properties, 1356
 oxygen determination—
 accuracy of methods, 15135
 neutron activation analysis procedures, 7744
 refluxing, compatibility with columbium and tantalum tubing alloys, 9542
 thermophysical properties, summary, 4904
 transport mutant of *Escherichia coli* B, analysis of movements, 8215
 vapor, nozzle expansion and flow characteristics, 4953

Potatoes:
 acreage, yield, etc., by States and seasonal groups, 14037
 flakelets, effect of nonfat milk solids on storage properties, 12583
 frozen french fried, U.S. standards for grades, 10378
 futures—
 commitments of traders, 2764
 prohibit trading on commodity exchanges, hearings, 11639
 trading and open contracts, 3012-13
 Irish, utilization, 13381
 Maine, futures, 8444
 spring, acreage-marketing guides, 1952
 storage 60,000 cwt. door-per-bin, 12610
 summer and fall, acreage-marketing guides, 5829
 total stocks, monthly report, 3583
see also Sweetpotatoes.

Potential:
 biharmonic, use as aid in formulation of problems of finding stress functions, 5000
 functions, empirical and semi-empirical interatomic and intermolecular potentials, survey, 16715
 magnetic breakdown in finite 1-dimensional model, infinite potential relaxed, 7823
 terminated image, thermal field emission, 6354

Potentiometers:
 automatic, checking proper operation, USSR study, 13469
 high-precision, life and performance reliability, 1374

Potomac River and Valley:
 channel, land and water problems (remarks), 6778
 estuary, water quality, 14749
 Fourteenth Street Highway Bridge, replace superstructure—
 hearings, 11646
 law, 17122
 reports, 12915, 16147
 model of scenic and recreational values, preliminary report, 12047

Potomac River and Valley—Continued
 Potomac watershed, interim report to President, 4549
 Washington Channel bridge, designating Francis Case Memorial Bridge, report, 479

Potomac River Basin Advisory Committee, Potomac Watershed, interim report to President, 4549

Pottery, pottery and related products, census of manufactures, 1963, industry report, 5444

Potting compounds, *see* Sealing compounds.

Potting media for Honduras pine, 16328

Poultry:
 broiler houses in central Mississippi, field studies of use of insulation, 10
 culling hens, 15444
 factors that influence demand, customer's opinions (remarks), 3749
 Federal loan for processing plant in New Castle, Pa., hearing, 4117
 foreign agriculture circulars, 2987
 hatchery production, 3034
 health requirements, etc., government movement, 3733
 home canning, 6748
 in family meals, 6749
 industry, organization and competition, 16721, 16724
 inspectors' handbook, 13240
 inventory, 6659
 market statistics, 6780
 national improvement plan—
 breed distribution of participating flocks, 8128
 hatcheries and dealers participating, 5267, 9778
 hatchery and flock participation, tables, 1574
 record of performance, test summary, 6711
 parts chart, 1598
 plants operating under inspection and grading programs, lists, 592, 7243
 poultry and egg situation (periodical), 3333
 processing plants, chemical compounds authorized for use under USDA inspection programs, lists, 10376, 16201
 roosters, testicular function after exposure to increased partial pressure of oxygen, 12631
 slaughtered under Federal inspection, monthly report, 3334
 statistical series, selected, 10413
 USDA grades, how to buy, 14139, 16936
 used in canning and processed foods, monthly report, 3334
see also Chickens—Diseases of poultry—
 Food for poultry—Turkeys.

Poverty:
 American families in poverty, fact sheet, 1552
 antipoverty in District of Columbia, United Planning Organization, investigation, hearing, 14415
 areas, families residing in, population characteristics, 14272
 children, National Teacher Corps to reach and teach, 8849, 11876
 children of the poor, improving opportunities and achievements, 10402
 church and antipoverty program, manpower policy and program, seminar, 17801
 community development district of 1966, rural poverty program—
 hearings, 8761, 14403
 report, 8740, 12918
 District of Columbia—
 investigation hearings, 4129
 task force study, 11650
 economic level, changes 1960-65, in 9 Cleveland neighborhoods, 15591

Poverty—Continued

- economic opportunity act—
amend, hearings, 8666, 13059, 14498
report, print additional copies, report,
13007
- reports, 10185, 12945, 12950, 16162,
17333
- text as amended, 5862
- education, an answer, 4299
- education, answer to poverty, school pro-
grams eligible for Federal aid, 13270
- employed poor, their characteristics and
occupations, 10877
- first step on long journey, Economic Op-
portunity Office's Congressional presen-
tation, 617
- growing up poor, child-rearing and family
life patterns, 11319
- law and poverty, national conference, June
23-25, 1965, proceedings, 8822
- legal services to poor, programs, guide-
lines, 7279
- low-income life styles, 14078
- New York City facts (paper), 6271
- program information, status, 8828
- program, Intergovernmental relations,
commission report, 12578
- rural, Farmers Home Administration
reduces, 8160
- rural poverty program, message from the
President, 5604
- war on poverty—
advisory councils, monthly newsletter,
13257
- communities in action (periodical),
2776, 8821
- community action program, hometown
fight, 7285
- consumer action, conference proceedings,
7274
- helping people help themselves (talk),
6698
- news summary, 8826
- rural opportunities (periodical), 10405
- State minimum wage legislation, use as
weapon, 15431
- summer volunteer service, general infor-
mation, 10406
- through economic opportunity loans for
small business, 18094
- Upward Bound, war on talent waste,
10407
- VISTA and its services (address), 8417
- war on poverty as it affects older Amer-
icans—
hearings, 568, 4290, 8760
report, 11780
- print additional copies, report, 10289
- Povinelli, Louis A., one-dimensional non-
linear model for determining combustion
instability in solid propellant rocket
motors, 9533
- Powder metallurgy, *see* Metallurgy—also
names of metals, etc.
- Powdered carbon, *see* Carbon.
- Powders:
standard X-ray diffraction patterns, 15206
- submicron metal powders produced by ball
milling with grinding aids, 11015
- Powell, Clemans A., jr., vibrational charac-
teristics of sandwich panels in reduced-
pressure environment, 15163
- Powell, R. C., accuracy in electrical and
radio measurements and calibrations, 1965,
1298
- Powell, R. S., analysis of F-corona according
to Mie theory, 9437
- Powell, Sheppard T., engineering evaluation
of factors affecting quality of water
sources available for saline water conver-
sion plants, 13435
- Powell River and Valley:
economic and resource development, sum-
mary, 2603
- geology and mineral deposits of area,
13400

Power:

- Brayton-cycle space power system, radial-
inflow turbine, evaluation, 4977
- conservation, code of Federal regulations,
8921
- Federal power act, amend, hearings, 1931
- fluid power systems equipment, shipments
and end use, 8317
- large space systems, weight study of radia-
tors, 4963
- machinery, USSR industrial development,
translations, 3666
- motive, for class 1 railroads, 3227
- Northeast power failure, Nov. 9-10, 1965,
hearings, 15977
- TVA power and taxes, 5188
- see also* Atomic energy—Electricity.
- Power generators:
nuclear, space, hearings, 5591
- special purpose equipment, operator train-
ing course, Army pamphlet, 6838
- Power lines, *see* Electric lines.
- Power mowers, injuries and young workers,
10849
- Power plants:
third, at Grand Coulee Dam, construction,
etc.—
appropriations, 15784
- authorize—
law, 11557
- reports, 8595, 8602
- see also* Electric power plants—Nu-
clear reactor power plants—Reactors
(atomic).
- Power reactors, *see* Reactors (atomic).
- Power supplies, control circuit maintains
unity power factor of reactive load, 16645
- Power switching in digital systems, 13814
- Power tools:
modified, rapidly drives series torque bolts,
6380
- portable machines weld joints in field,
7799
- Power transformers, *see* Electric trans-
formers.
- Power transmission:
equipment, mechanical, Federal item iden-
tification guides for supply cataloging,
supplements, 2932
- hypercritical shafts on flexible supports,
behavior of floating ring dampers, 136
- shaft-driven heavy lift helicopters, 137,
1672
- voltage-drop mode in 300-500 kilovolt
electric power transmission, economic
effectiveness, USSR study, 9077
- Power truck operators, employment outlook,
9237
- Power Use Conference, Portland, Oreg., pro-
ceedings, 8309
- Powerplants, *see* Power plants.
- Powers, Bruce G., deep-stall pitch-up char-
acteristics of T-tail transport aircraft,
13803
- Powhatan Game Management Area, pre-
scribed burn, effect on habitat, 16329
- Poynting theorem, *see* Electromagnetic ra-
diation.
- Pozas, Delma S., relief, 5741, 12895, 15686
- Prabhu, Albert V. M. Ferris-, *see* Ferris-
Prabhu, Albert V. M.
- Practical nurses, *see* Nurses and nursing.
- Practice, *see* Training.
- Practitioners:
characteristics of patients, 9632
- working with older people, practice
guide, 15312
- Prandtl number, non-Isoenergetic turbulent
(Pr=1) jet mixing between two com-
pressible streams at constant pressure,
9397
- Praseodymium oxides, high-temperature heat
contents and entropies, 12248
- Pratt, James W., proceedings, conference on
methodological approaches to population
studies in diabetes, 15294

- Pravda (periodical):
editorials, translations, 3593
- Prayers:
offered by late House Chaplain Bernard Braskamp, 15780
print as H. doc., report, 10192
public schools, proposed constitutional amendment, hearings, 16191
- PRB, *see* Public Roads Bureau.
- Preamplifiers, *see* Amplifiers.
- Precious stones:
gem stones, minerals yearbook chapter, 15007
gems in Smithsonian Institution, 5139
- Precipitation:
doppler radar measurements of turbulence, 16412
formation in warm clouds, statistical theory of microphysical mechanisms, Communist China study, 6199
harmonic periods, forecasting from, 9648
hourly data, by States, etc., 3045
normal annual total, maps, 5896
normal monthly days with precipitation of 0.5, 1.0, 2.0, and 4.0 inches or more in conterminous U.S., 14077
normal monthly total, maps, 1995
Pacific Northwest, monthly, 3307
seasonal, synoptic-statistical method for forecasting anomalies, USSR study, 14876
Tennessee River basin above Chattanooga, probable maximum and TVA, 1534
Tennessee River basin, monthly, 3336
usable, increase, hearings, 11798, 13198
see also Rain—Weather control.
- Precipitation (chemistry):
calcium sulfate, investigation, 10673
removal of scale formers from sea water, 10677
- Precipitation response to human serum by rabbit population, 8218, 9870
- Precision instruments, USSR industrial development, translations, 3667
- Precooling, *see* Cooling.
- Predators, mammals, hearings, 11672
- Prediction (psychology):
Air Force Academy cadets, class of 1966, 1st year achievement, 8198
solar flares prediction, adaptation of evolutionary programming, 9396
success in Army aviation training, 3843
- Prednisolone, effects on corticosteroid levels in parotid fluid, serum, and urine, 9868
- Prefabricated buildings, *see* Buildings.
- Preferential allowances, *see* Wages.
- Premarital examinations:
District of Columbia, require—
law, 17148
report, 17286
- Premium pay, *see* Hours of labor.
- Premiums (insurance), *see* Life insurance.
- Prepackaging, *see* Packaging.
- Preparation of teachers of the deaf, 13279
- Preparedness, *see* Civilian defense—National defense.
- Preshrey, C. H., jr., logarithmic sweep for use in display of long pulses, etc., 12434
- Preschool children, *see* Children.
- Pre-Schooner Project, *see* Project Pre-Schooner (field cratering experiment).
- Prescott quadrangle, Ariz., geology, 818
- Preservation of food, *see* Food.
- Preservation packaging and packing of military supplies and equipment, DSA manual, 7258
- Preservatives, *see* Wood preservatives.
- President of United States:
addresses, etc.—
Sept. 21, 1965, 1397
Jan. 12, 1966, excerpt, 5152
Feb. 23, 1966, 9721
May 26, 1966, 16843
Aug. 19, 1966, 15261
- President of United States—Continued
American petroleum interests behind Faisal-Johnson discussions, USSR study, 13459
code of Federal regulations, 7384, 14636
economic report—
departmental edition, 5091
document edition, 4063
excerpts, 7210
extending date for transmission, law, 5576
hearings, 7050
report, 8547
election campaign fund act, report, 17521
election, reform electoral college system, message from the President, 4068
inability and succession to office, proposed constitutional amendment, report, 1838
inaugural addresses, George Washington to Lyndon B. Johnson, 456
inaugural ceremonies act, amend, report, 15870
messages, *see*, in main alphabet, subject of message.
papers, announcement and order form, 1402
papers, Truman, Harry S., 5952
Presidential documents, weekly compilation, 3698
press releases, 3398
state of the Union message, 5599
excerpts, 7210
tax program, 5194
tax recommendations, summary, etc., 4152
veto messages—
MacDonald, Gilmour C., 17170
Stalman Bros.-Simon Wrecking Co., 457
star route contract prices, 12859
Youth Councils on Civic Affairs, incorporate, 462
see also Kennedy, John F.
- Presidential Election Campaign Fund Advisory Board establish, report, 17521
- President's Commission on Crime in District of Columbia:
appropriations, 1967—
hearings, 15955, 17567
reports, 15938, 17539
Metropolitan Police Department, report, 15262
- President's Commission on Law Enforcement and Administration of Justice:
appropriations, 1967—
hearings, 15955, 17567
reports, 15938, 17539
- President's Commission on Status of Women, why commission, operational procedures, etc., 11329
- President's Committee for Traffic Safety, action program, report, 1449
- President's Committee on Employment of the Handicapped:
building and maintaining community support, 9197
minutes of meeting, 17807
national ability counts contest for 11th and 12th grade students, announcement, 7650
performance, story of the handicapped, 3319
press releases, 3399
pursuit of happiness, program guide, 14966
- President's Committee on Equal Employment Opportunity:
committee reporter (periodical), 2766
information, newsletter, 3065
- President's Council on Aging, newsletter, 3272
- President's Council on Physical Fitness:
4 years for fitness, 1961-65, report, 2514
newsletter, 3273
teaching lifetime sports skills, 13948

President's reorganization plans, *see* Government reorganization plans.

President's Science Advisory Committee: oceanography panel, report, 13947

Presler, Aiden F., heat transfer to turbulent flow in smooth tubes for reacting N_2O_4 - NO_2 system, 4964

Presman, Mario, relief, 8699, 15674

Presque Isle Peninsula, beach nourishment requirements, 8558

Press:

- Albania, information report, 3339
- Bulgarian provincial, summary, 3557
- criticism of Soviet scientific press, 14927
- Czechoslovak provincial, summary, 3558
- Hungarian provincial, translations, 3559
- Latin American, glossary of abbreviations used, 10750
- Polish provincial, summary, 3561
- reports, building rural America, rural areas development, 14597, 17644
- Rumanian provincial, summary, 3562
- Ukrainian entire, comments on minorities in USSR, 6170

see also Liberty of the press.

Press releases, *see* names of offices issuing releases.

Press reports about work experience program of Economic opportunity act, 13303

Presser, Abraham, relief, 11713

Pressmen, large presses, offset, examination announcement, discontinuance notice, 8399

Pressure:

- aerodontalgia under hyperbaric conditions, 14995
- application, calibrated clamp facilitates, 6385
- Apollo afterbody, with and without ablation, 16683
- Apollo command module, effect of protuberances, etc., 16647
- boundary layer, panel response to fluctuations, 10967
- constant, non-isoenergetic turbulent Prandtl number jet mixing between two compressible streams, 9397
- culvert, Greenup Lock, Ohio River, Ky., hydraulic prototype tests, 16249
- distributions, and heat-transfer on 60° and 70° swept delta wings having turbulent boundary layers, 16697
- distributions, due to 2-dimensional fabrication-type surface roughness on ogive cylinder at transonic speeds, 15148
- distributions, sonic-boom, effect of body shape, 1270
- distributions, transonic, over protuberances and adjacent areas in proximity to nose of launch vehicle, 7821
- disturbances in rocket propellant feed systems, distributed parameter analysis, 13833
- drags, due to 2-dimensional fabrication-type surface roughness on ogive cylinder, 15151

drop—

- condensation of nonwetting mercury in uniformly tapered tube in 1-g and zero-gravity environments, 4933, 15134
- nonwetting, condensing flow of mercury vapor in constant-diameter tube in 1-g and zero-gravity environments, *errata*, 15133
- wetting and nonwetting mercury condensing in uniformly tapered tubes, 4974
- dynamic, acceleration-compensated transducer has fast measuring response, 13788
- effects of lower body negative pressure on cardiovascular system, 12629
- embankment pore pressures during construction, 10446

Pressure—Continued

- environment in base of Saturn S-1C booster from Mach 0.1 to 3.5, wind-tunnel investigation, 16678
- flight pressure measurements on launch vehicle, comparison with wind-tunnel measurements, 6445
- flight type oxygen partial pressure sensor, 15046
- flow and pressure field analysis of parallel groove geometry, 15201
- fluctuations and induced structural response in boundary layer, flight and wind tunnel measurements, 17880
- fluctuations in turbulent boundary layers, 4915

high—

- adapter assembly prevents damage to tubing during tests, 13765
- gas systems, Army technical manual, 12662
- low temperature electrical connector makes no-leak seal, 7759
- O-rings with Mylar back-up provide cryogenic seal, 12319
- tube coupling requires no threads or flares, 12325

hypersonic, and heat transfer tests—

- delta wings with laminar and turbulent boundary layers, 15047
- flat plate with flap and delta wing, etc., 15048
- internal, cylindrical shell and closures buckling, 13718
- low frequency fluctuations effects on human subjects, 6464
- low, partial, of hydrogen and oxygen, potential of platinum electrode, 17977
- lower body negative pressure influence on level of hydration during bedrest, 9863
- magnetic latches provide positive over-pressure control, 12320
- measurements, ballute decelerator, 13841
- measurements of nonequilibrium effects in air on wedge-flat-plate afterbody pressures, 2358
- near-field sonic-boom, calculating, 1258
- 1000 MWe supercritical, nuclear reactor plant study, progress report, 161
- oxygen, change in heart muscle, USSR study, 1027
- peak, in thick targets generated by reduced density projectiles, 16615
- plasma properties to 100 kilobars, measurement and interpretation, 9420
- pressure and forces acting on ring baffle under sloshing conditions, 6336
- pressure and heat transfer, tests on surface roughness elements with laminar and turbulent boundary layers, 15049
- pressure and temperature measurements of cavity for decoupled nuclear explosion, feasibility, Project Dribble, Salm-on event, 3852
- pressure-welded flange assembly provides leak-tight seal at reduced bolt loads, 11039
- probes, for determination of flow conditions, calibration, 1257
- radial, and velocity components, distributions in vortex contained in short cylindrical chamber, experimental profiles, 1254
- reduced pressure environment, vibrational characteristics of sandwich panels, 15163
- responsive seal handles static and dynamic loads, 2378
- ring valve responds to differential pressure changes, 4859
- sharp and blunt flat plates at Mach number 6.8, 7847
- sonic-boom ground pressure patterns, effects of atmospheric refraction and air-plane accelerations, 15152

Pressure—Continued

spectra and space-time correlations of fluctuating pressures at wall beneath supersonic turbulent boundary layer perturbed by steps and shock waves, 10954
stagnation and static, on nose-mounted 15° conical probe, 15155
supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions for 2-stage launch vehicle, 15139
testing, rubber plug, expandable, seals, openings, 11022
total-pressure recoveries for semicircular open-nose inlet, 7830
see also Atmospheric pressure.

Pressure gages:
baking enables McLeod gauge to measure in ultrahigh vacuum range, 2380
Bourdon tubes, use in maintaining cryogenic liquid level, 9459
modified McLeod gage records automatically, 12329
see also Ionization gages.

Pressure generators, sinusoidal, dynamically tested, 4868

Pressure seal ring may be effective over wide temperature range, 11005

Pressure suits, ability of pressure-suited subjects to perform lunar scientific tasks, 1239
see also Life support systems.

Pressure switches, flexible arms provide constant force for calibration, 13752

Pressure tanks, *see* Tanks.

Pressure transducers, *see* Transducers.

Pressure vessels:
cryoformed, special 301-type stainless steel for improved low-temperature notch toughness, evaluation, 11067
cylindrical, mismatch in circumferential joint, comparison of experimental and theoretical stresses, 16676
cylindrical, through-cracked, fracture mechanics, 6437
elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
fabricated with high-strength wire and electroformed nickel, 11012
lightweight door seals cryogenic container against diaphragm type loading, 4891
power reactor, radiation damage surveillance, 12430
strength comparison of flawed single-layer and multi-layer AISI 301 stainless-steel pressure vessels at cryogenic temperatures, errata, 7812
unfired, marine engineering, regulations, 14316

Pressure waves, generated in water filled tanks impacted by high-velocity projectiles, 4912

Pressurization, *see* Tanks.

Pressurized water reactor, *see* Reactors (atomic).

Prestige, national power and prestige in space, 13851

Prestressed and segmented brittle structures, 10970

Presumpscot River, water resource appraisals for hydroelectric licensing of basin, planning status report, 4387

Preventive medicine, *see* Medicine.

Pribilof Islands:
fur seal sales, investigation, hearing, 7215
fur seals and other wildlife, conserve—
hearings, 10336, 17390
reports, 11764, 15935, 17310

Price, George C., hydraulic coal mining research, development mining in steeply pitching coalbed, Roslyn, Wash., 1159

Price, Harold E.:

potential roles of supersonic transport crews, 15064
and some implications for flight deck, 17872

Price, Howard L., measurement of flexural rigidity of thin films and laminates, 7826

Price, T. R., photodegradation of high polymers in solution, 5074

Price-Anderson act, *see* Indemnity.

Price lists, *see* Government publications—*also* subject.

Prices:
agricultural prices (periodical), 2650
consumer price index, 2793
consumer price index, items, relative importance, 1096
consumer price indexes for selected items and groups, 6270, 12221
contract pricing, Armed services procurement regulation manual, 7252
defense contract data, need for audits to detect lack of disclosure prior to award, GAO report, 6014
demand and price situation, 2847
determination in USSR, 6181
eggs, methods of pricing, 4284
equipment, pricing and development, USSR study, 6187
farm-retail spreads, foods, cost components, 16732
food costs, farm prices, information relating to agriculture, 13012, 15954
index numbers, hydraulic turbine industry, 3058
indexes, department store inventories, 7671, 14981
inflation and price indexes, 11596
law of value and problems of setting prices, USSR study, 4675
machine building, new prices, USSR study, 12181
marginal, for non-standard equipment, USSR study, 907
Pacific Northwest forest industries, 3420
parity, expressing congressional policy, report, 11770
planned price determination, USSR study, 1057
planned price-fixing, USSR studies, 682, 4630
price-fixing and estimates in construction, USSR study, 4652
price fixing for agricultural products, USSR study, 4653
price formation in USSR, 4656, 10783
price support programs, 2638, 6723, 6727
rational, computation on basis of current information, USSR study, 1031
spot market price index and prices, weekly summary, 2628
statistics of Federal Government, 14371
statistics of Federal Government, hearings, 12841
trends, charts and tables, 14980
wage-price guideposts, strengthening—
hearing, 17380
report, 17289
wholesale and consumer, perspective of basic demands and costs (remarks), 11526
wholesale, for new products, USSR study, 4599
wholesale, index numbers, 3051
wholesale price index—
monthly, 3710
prices and price indexes, monthly, 3709
weekly, 3708
wholesale prices and price indexes, 1963 data, 13620
wholesale prices, temporary, and quality of industrial output, USSR study, 6153
see also names of commodities.

Prickett, Russell O., selling in Yugoslavia, 8431

Priester, W., variations of thermospheric structure, 6416

INDEX 1966

- Prieto, Marcial A. Marti, *see* Marti Prieto, Marcial A. (Alfredo).
- Primacord, *see* Detonating cord.
- Primary grades, *see* Elementary education.
- Primates:
- comparative, veterinary, and primate cardiovascular research, 5026
 - early performance decrement following pulsed ionizing radiation, 1622
 - effects of 138 Mev protons, 1621, 5327
 - Rhesus, effects of mixed ionizing radiations, exposed under laboratory conditions, 12636
- Primavera, bagged and barerooted, survival and growth, 16326
- Prime Hook National Wildlife Refuge, general information, 11976
- Primers (paint):
- white primer permits corrosion-resistant coating of minimum weight, 9497
- Primitive areas, *see* Wilderness areas.
- Prince, Fred L., market for toys and games in Italy, 7006
- Prince Georges County, Md.:
- preservation and protection of certain lands, facilitate—law, 12838
 - reports, 8627, 13137
- Prince William Forest Park, general information, 7947
- Prince William Sound:
- earthquake of 1964 and aftershocks—Coast and Geodetic Survey program, 12763
 - gravity survey and regional geology, 13412
- Prineville, Oreg., soil survey report of area, 6614
- Printer proofreader, *see* Proofreaders.
- Printers:
- monotype keyboard operator, slug machine operator, hand compositor, examination announcement, 9988
 - radio communications, equipment, USSR, study, 7621
- Printing:
- census of manufactures, 1963, manufacturing plants, location, 11454
 - commercial, and manifold business forms, census of manufacturers, 1963, industry statistics, 8332
 - industry report, 3416
 - occupations, employment outlook, 9262
 - union wages and hours for industry, 12216
 - see also* Offset printing—Phototypesetting machines—Public printing and binding.
- Printing Joint Committee:
- committee prints, 1882, 5715
 - Government paper specification standards, 15998
 - Government printing and binding regulations, 11695
- Prints, commercial, copyrighted, 597, 5839, 17603
- Priorities, administration by Commerce Dept., review, hearing, 453
- Prisons and prisoners:
- Atlantian (periodical), 2697
 - chance on the outside, manpower development and training program in Lorton Youth Center, 11867
 - District of Columbia, work release program for prisoners, authorize, report, 17294
 - Eagle (periodical), 2864
 - executions, 15263
 - Island lantern (periodical), 3091
 - national prisoner statistics series, 5093, 15263
 - New era (periodical), 3259
 - prices charged for meals served employees at penal institutions, GAO review, 10627
 - Prisons and prisoners—Continued
 - prisoners in State and Federal institutions for adult felons, 5093
 - rehabilitation of Federal prisoners, facilitate through work release, etc., hearing, 584
 - Prisons Bureau:
 - prices charged for meals served employees at penal institutions, GAO review, 10627
 - report, 5092
 - Privacy, invasions of privacy by Government agencies, hearings, 1946, 4132, 11817, 14422
 - Private International Law, Hague Conference on, *see* Hague Conference on Private International Law.
 - Private Law, International Institute for Unification, *see* International Institute for Unification of Private Law.
 - Private laws, *see* Law.
 - Private pension plans, hearings, 14373
 - Private pilot's handbook of aeronautical knowledge, 11983
 - Private property, *see* Property.
 - Prizes, *see* Rewards (prizes, etc.).
 - PRL, *see* Personnel Research Laboratory.
 - Probabilities (mathematics):
 - atomic transition probabilities—bibliography, 7916
 - hydrogen through neon, 11092
 - automata forecasting random process, USSR study, 1051
 - communication satellites, orderly-spaced, time available, 1187
 - distributions with reference to mineral industries, theoretical confirmation, 12241
 - finite probability automata, test for representability of events, USSR study, 990
 - generation of random sample-covariance matrix, 4951
 - models, use as basis for making decisions during mineral deposit exploration, 12245
 - optimal control of saturating systems with stochastic inputs, 12356
 - probabilistic methodology for safety analysis of nuclear power reactors, 12684
 - random balance method, increase in effectiveness, USSR study, 9161
 - random excitation, stationary and nonstationary, maximum response of linear mechanical oscillator, 4807
 - redwood, 2d-growth, randomly selected sample, strength and related properties, 8969
 - response of shells to random pressure excitation, 1180
 - sequential decision rules for multiple choice problem, 9411
 - temperature measurement by method which does not require transition probabilities, 6333
 - Probate law and practice, small estates, probate and administration, 2279
 - Probation:
 - Federal probation (periodical), 2954
 - Federal system, persons under supervision, 14098
 - Probenecid, administration on artificial kidney, parotid fluid uric acid responses, 9874
 - Probes:
 - charged probes, Bourdon tubes maintain cryogenic liquid level, 9459
 - conical pressure, for determination of local flow conditions at Mach nos. 3 to 6, calibration, 1257
 - electron drift in plasma, 4991
 - probing air motion by Doppler analysis of radar clear air returns, 11317
 - rocket engine exhaust components sampled, 2399
 - semiconductor forms biomedical radiation probe, 12297

- Probes—Continued
solar mission, combined high-low thrust propulsion, 2429
solid state thermostat has integral probe and circuitry, 9486
stagnation and static pressures on nose-mounted 15° conical probe with various forebody configurations, 15155
- Problems of hematology and blood transfusion (USSR periodical), translation, 10788
- Problems of information transmission (USSR periodical):
translation, 10751
- Problems of psychology (USSR periodical):
translations, 6232
- Proceedings of National Museum, 1324-26, 2466-69, 5041-44, 6495-98, 7939-40, 9567
title page, etc., v. 117, 16735
- Processing (agricultural), *see* Agricultural processing.
- Processing and storage of viable human tissues, 16808
- Processing of counting data, 14236
- Processing of food, *see* Food processing—also names of food processed.
- Processing personnel actions, 2944
- Procurement, *see* Air Force—Armed Forces—Army—Defense Construction Supply Center, Columbus, Ohio—Defense Department—Government contracts—Government supplies—Military supplies—National Aeronautics and Space Administration—Navy—also names of commodities procured.
- Produce, *see* Agricultural products.
- Production:
automation, solution of problems, USSR study, 9162
cost at machine-building and metal-working enterprises, new instructions for calculating, 1014
defense mobilization organization directory, 452
defense production act—
extend—
hearings, 8660, 11793
law, 12820
reports, 8597, 10218, 16079
progress report, hearing, 453
East Germany, cybernetics, analysis aids in planning, 12180
facilities, Navy design manual, changes, 1569
farm, changes, 12614
industrial output, quality, USSR study, 6153
national defense, report, 4164
output, as related to U.S. commodity exports and imports, 6939, 17018
output, indexes per employee, air transportation industry, 14969
output indexes per man-hour—
man-made fibers industry, 7673
private economy, 4735, 17817
selected industries, 4717
Pacific Northwest forest industries, 3420
planning, mathematical formulation of simplified model, USSR study, 2250
primary, in sea, light measurements, USSR study, 14798
processes, automatic operational management, USSR study, 7635
productivity, bibliography, 16536
productivity development, BLS publications, list, 10881
productivity of employees, supervisor development program, 6829
research reports, 3767, 9835, 11366-367, 14150, 15477
Rumania, application of physics, 12107
social, increasing, USSR studies, 881
see also Gross national product—also names or classes of commodities.
- Production area series, commodity transportation survey, advance reports, 6919, 8339-47, 9952-59
- Production control, automated systems, USSR developments, 16399
- Production credit associations:
operations, summary, 8870
PCA cooperative-patron credit plan, 16254
- Production equipment:
directory D series, 8797
industrial equipment industries in France, 5550
industrial plant handbook—
metalworking machinery, 8797
portable machine tools and toolroom layout plates and tables, 8804
rolling mills, drawing machines, and metal finishing equipment 8803
marginal price for non-standard equipment, USSR study, 907
pricing and development of new equipment, USSR study, 6187
USSR, industrial exhibit, reflect value of esthetics in working conditions, 2252
- Production painters, *see* Painters.
- Productivity, *see* Production.
- Products, *see* Commercial products.
- Professional development services, 14290
- Professional papers, Geological Survey, 817-821, 2103-4, 4518-25, 6031-36, 7484-88, 9018-20, 10641-645, 11017-27, 13407-413, 14752, 16359-361, 17717-723
- Professional Placement Network, public employment service, anywhere U.S.A., recruiting professional personnel, 11887
- Professional workers:
health personnel, traineeships under public health program, 5119
mental health personnel employed in States, 11105
preparation of professional personnel in education of handicapped children, manual, 16239
State agricultural experiment stations and other cooperating State institutions, 5286
- Professions:
allied health, personnel training act of 1966—
hearings, 10249, 17591
reports, 10225, 15841, 17535
college and university business management guide, 1977
education profession, literature, bibliography, 16231
geography, field, 10423
health education, publications, bibliography, 5108
health, educational assistance amendments of 1965, law, summary, 4534
health, scholarship program, 6581, 11187
invitation to professional organizations to join in research, 6475
professional careers with Census Bureau, 270
professional development, General Accounting Office, 17715
professional training and cooperation amendments of 1966, report, 17269
publications, price list, 11178
- Profile of ESEA, 5881
- Profile of youth, 17408
- Profiling machines, mill profiler machines
soft materials accurately, 11044
- Profit:
as index of efficiency of operation of enterprise, USSR study, 1034
export, low cost marketing aids, 4575
large corporation, quarterly report, 3489
sawmills, improving through operations research, 4476
- Profit sharing:
plans, self-employed individuals, contributions, amend internal revenue code, report, 10174

INDEX 1966

- Profit sharing—Continued
tax exemption, procedures and guides for qualification under internal revenue code, 14779
- Profitability of socialist enterprises, USSR, 4676
- Program aid series, 58-63, 1596-1602, 3762-64, 5295, 6762-75, 8152-65, 9826-32, 11365, 12611-612, 14147-149, 15457-460, 16935-939
- Program evaluation and review technique:
applications in education, 17624
exercise manual, 5854
exercise solution manual, 5855
- Program planning and development, self-teaching materials, 15625
- Programmed computers, *see* Electronic computers.
- Programmed instruction:
closed drainage of chest, programmed course for nurses, 9623
cybernetics and programmed teaching, USSR study, 13554
discussion of problems, USSR study, 6246
interview with Academician A.I. Berg., Chairman, Interdepartmental Scientific Council of Programmed Instruction, USSR, 14791
programmed learning—
and its prospects, USSR study, 6217
theory and practice, USSR study, 6206
programmed teaching in USSR, 14955
radio transmitting set—
AN/WRT-1, maintenance course, 13908
AN/WRT-2, maintenance course, 12418
teaching machines and programmed learning, USSR studies, 13503
theory and practice, USSR studies, 992, 9088
USSR, conference, 16504
- Programmers:
career opportunities, IRS, 4567
digital computer specialists, computer programmer, computer systems analyst, examination announcement, 12755
electronic computer employment outlook, 9235
specialist and advisor, examination announcement, 11496, 17049
- Programming (computers), *see* Electronic computers.
- Programming (mathematics):
nonlinear programming and optimal control, 9441
- Programming (planning):
budget system in Federal Government (remarks), 3866, 16986
dynamic, method of analysis in theory, USSR study, 2178
planning and construction of helicopter stations, USSR study, 10809
program analysis techniques, bibliography, 5431
program management officer, developing management concept, 5116
USSR, use of electronic computers, 16488
zero defects guide, quality and reliability assurance handbook, 4261
- Progress and prospects, report of 2d national conference of governors' commissions on status of women, 9033
- Progress, Missouri River Basin, 3422
- Progressing toward new day for older American, 10655
- Project Apollo (man-in-space program):
afterbody heat transfer and pressure with and without oblation, 16683
buffet response of boilerplate service module, full-scale and model compared, 4895
command module, wind-tunnel pressure and heat-transfer distribution, effect of protuberances, etc., 16647
configuration management manual, 1176
contamination control handbook, 17871
- Project Apollo—Continued
electromagnetic computability principles and practices, 1177
forecasts and appraisals for management evaluation, 12285-286
infrared acquisition and tracking system, 16649
landing characteristics of spacecraft with deployed-heat-shield impact attenuation systems, 4901
launch abort at high altitude, manually controlled, 11060
manned space flight, suggestions for lesson planning, 6350
nonequilibrium ionization phenomena in plasma sheath, estimates, 15077
pacing systems, 1868
rocket performance of Apollo storable propellants in engines with large area ratio nozzles, 15173
Saturn IB/Apollo upper stage, supersonic/hypersonic aerodynamic investigation, 4819
structural systems and program decisions, 12284, 15087-88
unified S-band telecommunication techniques, 9524
- Project Dribble (Salmon event):
Vela Uniform program—
decoupled nuclear explosion, cavity pressure and temperature measurements, feasibility, 3852
ground motion and containment, 5415
ground-water safety, 5416
grouting mixtures employed at nuclear test in salt, laboratory design, analysis and field control, 3853
off-site surveillance, 6868
structural response of structures to underground nuclear detonation, 3850-51
weather and surface radiation prediction activities, 5414
- Project Duzout (Plowshare program):
strong motion seismic measurements, 1682
surface motion measurements, 16972
- Project EROS, *see* Satellites.
- Project Fire (flight reentry program):
angle-of-attack analysis for project Fire 1 payload reentry, 7879
flight II, flight parameters and vehicle performance, 15176
instrumentation of radiative heating and related measurements, 17918
reentry phenomena at hypersonic velocities, photographic summary and record, 17913
- Project fog drops, investigation of warm fog properties and fog modification concepts, 4823
- Project Gemini (man-in-space program):
general information, 16711
manned space flight, 9444
suggestions for lesson planning, 6350
midprogram conference, including experiment results, 12282
- Project Handcar (Plowshare program):
geology and surface effects, 3849
weather and radiological surveillance, 3848
- Project Head Start:
community action program, child development centers—
daily program, 4273
equipment and supplies, 4277
good nutrition, 4272
medical guide for directors, 4271
parent participation, 4275
securing staff, 4270
selection and recruitment of volunteers, 4274
social services, 4276
feeding program, food buying guide and recipes, 7278
how you can help, 7283
invitation to help, 4268

- Project Head Start—Continued**
 newsletter, 8824
 nursery-kindergarten enrollment of children under six, 10428
 series, 4270-77
- Project Icarus**, time-varying human operator dynamics, characterization, 13717
- Project Innovation**, seeking new answers to prevention and control of juvenile delinquency, 14083
- Project listing**, Supply and Maintenance Command, 14221
- Project management**, management of project materiel, FAA handbook, 8872
- Project Mercury** (man-in-space program):
 manned space flight, 9444
 suggestions, for lesson planning, 6350
- Project Pre-Schooner** (cratering experiment):
 cloud development studies, 15538
 preshot investigations, 151
 strong motion seismic measurements, 1681
 subsurface effects measurements, 14237
- Project Ranger**, 1193
- Project Sedan** (Plowshare program):
 radioactive fallout, interception and retention by desert shrubs in Sedan fallout field, 5397
- Project Shoal**, post-shot hydrologic safety, 6367
- Project Sparta** (flight reentry program):
 experiment in Australia, agreement with Australia and United Kingdom, 15348
- Project Star Dust**:
 flight data and results of radiochemical analysis of filter samples collected, 8282, 9919
- Project Sully** (Plowshare program):
 Federal Aviation Agency airspace advisory, 16975
 off-site surveillance, 16973
 on-site radiological safety, 16974
- Project Surveyor** (unmanned lunar exploration):
 report of Subcommittee, 530
 scientific instruments, development, National Aeronautics and Space Administration, GAO review, 10626
 Surveyor I, preliminary report, 12283
- Project Talent**, progress toward goals, 651
- Project Tradewinds**, elevated tradewind ducts, airborne early warning UHF radar observations, 7974
- Projectiles**:
 effect of size and material on impact fracture of walls of liquid-filled tanks, 16688
 fracture of liquid-filled, filament-reinforced plastic or aluminum tanks, 11076
 fuze covers, possible savings from improving management control, GAO report, 4501
 high-fineness-ratio, impact into thick targets, 7841
 high-velocity, pressure waves generated in water filled tanks by impact, 4912
 peak pressures in thick targets generated by reduced density, 16615
 penetration, bumper and main wall material, effectiveness of single meteoroid bumpers, 1269
- Projectors**, *see* Shadomaster measuring projectors—Slide projectors.
- Promise of precise borehole gravimetry in petroleum exploration and exploitation**, 9017
- Promotions**:
 Air Force officers, provide opportunities—law, 15773
 reports, 15839, 15860, 16128
 FAA merit program, handbook, 10456
 Naval Reserve captains and Marine Corps Reserve Colonels, provide authority—law, 397
 reports, 548, 1842
- Promotions—Continued**
 women in Armed Forces, remove restrictions, report, 15949
- Pronghorn antelope**, 10529
- Proofreaders**, printer-proofreader, examination announcement, 9988
- Propaganda**:
 anti-Islamic atheistic propaganda, USSR studies, 4619
 western propaganda and the Ukraine, USSR study, 4629
- Propagation**:
 in troposphere, investigation of properties of field fluctuations of ultrashort radio waves, USSR study, 13450
 pulse waves, method of determining velocity, 4998
 radio waves—
 interplanetary and near solar space, USSR studies, 7575, 13461
 zonal harmonics, 13866
 short-wave communication with spaceships, peculiarities, USSR study, 7565
see also Air-layering.
- Propellants**:
 ablative materials as nozzle sections of storable-propellant rocket engine, evaluation, 9500
 Apollo storable rocket performance in engines with large area ratio nozzles, 15173
 cryogenic liquid, insulation from heat leak by propellant and its sacrificial boiloff, 9508
 cryogenics, tank pressurant requirements, studies, 6419
 fiber glass cryogenic tanks, use of glass flakes as liner, 4893
 high energy, bibliography, 9450
 hydrogen, acceleration along magnetic tube by ion beams, 16702
 hydrogen-fluorine system, comparison of experimental and kinetically limited theoretical performance, 15195
 hydrogen-oxygen rocket engine, 20,000-pound, propellant injection velocity, effect on screech, 7884
 ion-thruster propellant feed, high voltage isolation device, 13838
- liquid—**
 compatibility of plastics, 8817
 hydrogen in propellant tank—
 simulated nuclear heating, 6467
 wall and bottom heating, 6439
 rocket engines, bipropellant, with different vaporization rates, analysis of chugging, errata, 12333
 surface oscillations, 13719
 low-thrust trajectory requirements, 7895
 medium-temperature solid, vortex valve study, 7742
 minimum consumption for vehicles, round-trip trajectories to Mars, 4967
 rocket, distributed parameter analysis of pressure and flow disturbances in feed systems, 13833
 rocket motors, solid propellant combustion instability, use of one-dimensional model for determining, 9533
 seeded propellant layer on thermal radiation in nozzle of gaseous-core nuclear propulsion system, effect, analysis, 2415
 slosh design handbook, 9395
- solid—**
 engineering design handbook, 8229
 rocket nozzle materials performance, 9541
 tanks pressurization requirements, prediction by dimensional analysis, 12344
 tanks, simulator for static liquid configuration, 9509
see also Fuel.
- Propellers**:
 aircraft—
 current industrial report, 6920

- Propellers—Continued**
 aircraft—continued
 four-duct-propeller VTOL model, aerodynamic characteristics, 9507
 type certificate data sheets and specifications, 2667
 full-scale ducted, performance, predicted and measured, 16599
 screw propellers—
 approximate determination of pitch, USSR study, 2213
 determining moment that cavitation sets in, USSR study, 2214
 effect of cavitation on magnitude of intermittent forces transferred to ship's hull, USSR study, 2216
 hydrodynamic pressures caused, induced vibrations of ship's plates under effect, USSR study, 2217
 lateral components of forces of suction, effect on handiness of vessel, USSR study, 1005
 performance curves, plotting by digital computers, USSR study, 1049
 periodic forces and moments, determination, USSR study, 1048
 problem of quality control of geometrical elements in production, USSR study, 2212
 production methods of measuring pitch, USSR study, 2150
 selecting placement in multi-shaft ships, USSR study, 2215
 shrouded, in operation, periodic forces acting on hull of ship, USSR study, 1012
 twin-propeller deflected-slipstream STOL airplane configuration, powered model, longitudinal stability and control, 13808
- Property:**
 acquired, accounting manual, 4370
 bakery and dairy products companies, 1959-64, ownership changes made, 14539
 common carrier, tax assessments, hearings, 7153
 located in Federal areas, permit States to tax, hearings, 14485
 minimum standards for urban renewal rehabilitation, 16272
 primary assessing areas for local property taxation, 6938
 private, USSR theory and practice, 9150
see also Personal property—Public property—Real estate—Surplus property.
- Property accounting, *see* Accounts and accounting.**
- Property rights:**
 family and property law, women—
 Iowa, summary, 11323
 Ohio, summary, 11324
- Prophylaxis:**
 allergy and use of biologically active agents, USSR study, 7627
 behavior with respect to rheumatic fever, factors influencing, 2527
 dental, performance of stannous fluoride-zirconium silicate, 8208
 standards of service to population, utilizing data of complex medical examinations, USSR study, 7550
 with nemikon-4 for acute lethal poisoning of dogs with soman, electrocardiographic observations, Bulgarian study, 13504
- Prophylaxis pastes, *see* Dentrifices.**
- Propositional calculus, *see* Calculus.**
- Proprietary stores, *see* Stores.**
- Propulsion:**
 Air Force units, logistics management, manual, 6791
 electric—
 for manned Mars landing missions, 4940
 for unmanned scientific missions, navigator study, 15066
 for deep space, 17886
- Propulsion—Continued**
 high-thrust, rockets used for manned Mars landing mission, 4929
 micropropulsion sublimating-solid system, impulse and thrust test, 6432
 nuclear—
 marine, conference, proceedings, 1676
 naval program, hearing, 8483
 rocket, gaseous-fueled cavity reactors, criticality calculations, etc., 13707
 system, gaseous-core, effect of seeded propellant layer on thermal radiation in nozzle of, 2415
 vaporization of liquid uranium bearing systems at very high temperatures, 2368
 personnel, devices for use in vicinity of moon, 4822
 space, electromagnetic accelerators, 7853
 systems, airframe-engine integration of supersonic aircraft, 13805
 thrust, combined high-low, for close solar probe mission, 2429
- Prospect Park, of Brooklyn, N.Y., centennial year greetings, reports, 8565, 11758**
- Prospecting:**
 contributions to geochemical prospecting for minerals (series), 13396
 resistivity data, interpretation, 10644
- Prostheses, prosthetics research, bulletins, 9757, 18132**
- Proteases, *see* Enzymes.**
- Protective clothing, *see* Clothing.**
- Protective coatings, *see* Coating materials.**
- Protective shelters:**
 committees for community shelter planning, 17027
 fallout shelters—
 architectural, engineering and consulting firms with certified analysts, directory, supp., 6958
 buildings with shelter areas, 12747
 creation through slanting and cost reduction techniques, 1747
 for homes with basements, handbook, 5510, 15623
 national community design competition awards, 5514
 national survey, reading phase 2 print-out, self-teaching materials, 17031
 professional development services in planning, etc., new buildings, 14290
 protection factor estimator, instructions in use, 5513, 12746
 qualified analysts, national directory, 14289
 rural shelter, analysis workshop, manuals, 8384, 8386
 schools built with fallout shelter, 5515
 technical report, 17032
 personal and family preparedness for survival, 12745
- Proteins:**
 content of parotid fluid collected without exogenous stimulation, 11379
 detection in trace amounts, 9435
 edible soybean products, publications and patents, list, 9784
 fish concentrate, experiment and demonstration plants—
 hearings, 16180, 17390
 reports, 15941, 16080, 17325
 host, under effect of antibiotics, changes in immunological specificity, USSR study, 7620
 hydrazine effect on protein content of tissues in rat, 8202
 industrial uses, publications and patents, list, 9786
 parotid fluid, in patients with uremia and proteinuria, 9875
 parotid fluid protein-free filtrates, preparation, 8217
 preservation and protein enrichment of foodstuffs, USSR study, 909

Proteins—Continued
 proteins in medicine and national economy, USSR study, 905
 ribonucleoprotein and ribosomal particles, reconstruction of biologically active ribosomes, 10774
 surface chemistry, 16755
see also Nucleoproteins.
 Proteinuria patients, parotid fluid, total protein, 9875
 Protestant Men of the Chapel, guidelines, 612
 Protestant Women of the Chapel, guidelines, 613
 Protons:
 bombardment, radiation damage in silicon solar cells, 6547
 bombardments with 22 and 128 MeV protons, damage to transistors, 17915
 effects on primates of 400 Mev, radiations of space, 5327
 high energy, physical and biological studies, 2439
 inner zone radiation belt, trapped radiation model environment, 4835
 inner zone, solar cycle effects, 6413
 kinetics of recuperation following 55 Mev proton irradiation, 5335
 low energy, effects on silicon, 6347
 138-Mev, biologic effectiveness as compared to Co⁶⁰ gamma radiation, 94
 138-Mev, effects on primates, 1621
 solar cell damage rates, 9540
 200- and 300-keV, energy and angular distributions of electrons ejected from bombarded helium, 16695
 Protozoa:
 Ichthyophthirius multifiliis of fish, 11968
 index-catalogue, 6715
 Protractors, aerial photo scale-protractors, 4445
 Provenzano, T. G., intense 14-Mev neutron source for Operation Heur, 11421
 Providence, R.I.:
 area wage survey, metropolitan area, 12214
 commodity transportation survey, production area series, 8339
 principal electric facilities, map, 7374
 Provisioning screening procedures, DSA-DLSC manual, 16211
 Provisioning techniques, 133
 Provisions for talented students, 5883
 Prunes, production, use, value, by States, 15379
 Pruning, sitka spruce, test, 13357
 Pryor, Ray, heart disease in children, training program in cardiology, 6582
 Pseudomeritastis, *see* Microlepidoptera.
 Psittacosis, mixed infection with aerosol of viruses of ornithosis and influenza, USSR study, 12182
 Psoroptic scabies, *see* Scabies.
 Psychiatric clinics, *see* Clinics.
 Psychiatric Institutions, *see* Mental institutions.
 Psychiatric nurses, *see* Nurses and nursing.
 Psychiatric patients, *see* Mentally ill.
 Psychiatrists:
 occupational and personal characteristics, 12476
 USSR, news, 10703
 Psychiatry:
 career opportunity in nursing, Public Health Service, 9558
 forensic, USSR study, 7587
 neuropathology and psychiatry, USSR study, 9079
 nursing, institutions offering trainee stipends for graduate and undergraduate education, 11113
 psychiatric guardianship problems, USSR study, 2167
 psychiatric hospitals, questions and answers, 8026

Psychiatry—Continued
 psychiatric selection of candidates for space missions, 8203
 research in Veterans' Administration, 5213
 Psychological tests, *see* Personality tests.
 Psychological warfare, Soviet denounce use of misinformation as weapon, 13486
 Psychologists:
 clinical, examination announcement, 9992
 employed in mental health establishments, selected characteristics, 1308
 employment outlook, 9266
 Psychiatry:
 alcoholism, psychological aspects, 15428
 biopotential signals as function of learning task difficulty, 5068, 6537
 contradictory urges besetting normal young people during psychological changes in adolescence, 274
 engineering psychology in instrument building, problems, 1st Leningrad conference, 6116
 evaluation of psychological measures, children ages 6-11, health examination survey, 8004
 higher mental functions, Soviet theory of development, 16479
 man's reactions and impressions of outer space, USSR study, 6242
 military—
 methods for improving enlisted input, current research activities, 15524
 officer candidates and cadets selections, research, 15525
 occupational, USSR studies, 2267
 problems, USSR studies, 1072
 psychological aspects of disability and rehabilitation, 9759
 psychological aspects of International relations, hearing, 13210
 student training and development, psychological aspects, USSR, 17755
 USSR, goals and achievements, 14919
 voprosy psikhologii, translations, 6232
see also Information theory in psychology—Movement (psychology)—Parapsychology.
 Psychology, Inter-American Congress of, *see* Inter-American Congress of Psychology.
 Psychometrics, multidimensional scaling, technical considerations, 3841
 Psychomotor abilities, *see* Ability.
 Psychopharmacology:
 abstracts, 3425
 animal research—
 bibliography, 1431
 handbook, 18069
 handbooks, 1431, 18069
 Psychopharmacology Service Center, bulletin, 1311
 Psychosensory disorders, resulting from temporary weightlessness, USSR study, 17760
 Psychosomatic medicine, heart diseases and the psyche, review of research grants, 12472
 PTFE, *see* Polytetrafluorethylene.
 Ptolemaeus, RLC 13, lunar chart, 14187
 Public accountants, *see* Accountants.
 Public accounting, *see* Accounts and accounting.
 Public administration, business and public administration notes, 2717
 Public assistance:
 administrative costs per casemonth, 10449
 aid to families with dependent children, State plans, characteristics under social security act, 8869
 cases, reasons for opening and closing, 5906, 17642
 concurrent receipt of public assistance, tabular release, 17643
 costs of State and local administration, services, and training, 5903, 14586

INDEX 1966

Public assistance—Continued

District of Columbia act, amend, report, 544
 families receiving aid to families with dependent children, State cost standards, revised table, 7343
 forestry cooperatives, 12612
 medical care provided through vendor payments, tables, 7346
 medical care, vendor payments by type of service 5904, 17640
 tables, 14587
 personnel, 7344-45
 program development for social services, 1997
 programs, progress report on staff development, 14585
 public assistance reports, 5905, 8869, 11905, 14583-584
 quality control, guides and instructions for QC reviewers, 1998
 recipients, income and resources, simplified methods for consideration, 4348
 recipients, training under MDTA, 10842
 services to elderly on public assistance—
 hearings, 567
 appendix, 7202
 report, 7203
 services under AFDC for children who need protection, caseworkers' manual, 1999
 source of funds expended for payments, cost of administration, services, and training, 5907
 State-Federal programs, improvement, social security amendments of 1965—
 law, print additional copies, report, 13005
 Senate amendments, brief description, 1937
 summary, 7209
 State plans, characteristics under social security act, 8869, 11905
 State salary ranges of positions in public welfare, 836, 10657
 statistics, monthly advance release, 2642
 to help needy people, 10450
 under social security act, serving people in need, 10451
 unemployed-parent segment of aid to families of dependent children, 3633
 welfare in review (periodical), 3704
 statistical supplement, 6695
 welfare, legislative achievements, 4538
 welfare research report, 11321, 14085, 15428
 welfare services for older people, planning, papers, 11904
 Public buildings, Federal buildings, disaster control and civil defense, guide for facility self-protection, 5094
 Public contracts, *see* Government contracts.
 Public debt:
 components of national debt, clarify, etc., report, 17316
 debt management in prosperous economy (remarks), 9745
 fiscal policy and debt management, 2027
 increase in ceiling—
 hearings, 11693, 11801
 law, 11581
 Public law 89-49, legislative history, 532
 reports, 10223, 11619, 11769
 Treasury Department circulars, 1512, 5192, 6675, 8102, 14051, 16880-881
 Public Documents Division:
 classified list of Government publications, 15264
 price lists, 1404-9, 2519, 5096-5101, 6568-69, 7986-87, 9621, 11178-179, 12457-458, 13950-953, 15265-266, 16785-789, 17992-996
 Public domain, educational research publications, statement of policy, Office of Education, 652
see also Public lands.

Public education, *see* Education.

Public employment, *see* Employment.

Public funds:

deposit regulations, Treasury Dept., circulars, 9746, 11295, 15393
 Federal money for education, programs administered by Office of Education, chart, 4302
 special deposits of public moneys, Treasury Department circulars, S100, 14047
 Public health, *see* Health.
 Public Health Department of District of Columbia, hospital and surgical-medical insurance benefits available under Blue Cross-Blue Shield plans, GAO report, 4498
 Public Health Service:
 act, amend—
 hearings, 5698, 7230, 10249, 17386, 17591
 reports, 7084, 10225, 15841, 16161, 17308, 17535
 act, text, 13049
 activities report, 15268
 appropriations, 1967—
 hearings, 8650, 8763
 law, 10086
 reports, 5392, 10160, 10281
 Basic and Applied Sciences Branch, activities report, 1410
 cancer programs, 4531
 career opportunity of psychiatric-mental health nursing, 9558
 certification of interstate milk shippers under State-PIHS cooperative program, 5113
 charges for Government-owned quarters at Mount Edgecumbe, Alaska, GAO review, 14735
 civil defense medical stock, achieving greater utilization, GAO report, 6001
 conference with State and territorial mental health authorities, proceedings, 5114
 cooperative studies, renal disease and hypertension, conferences, proceedings, 15296
 Division of Hospitals, management data, statistical summary, 1417, 18002
 Division of Nursing, research grants and awards, 12464
 fellowships, postdoctoral research program, 12474
 film catalog, 15299
 forecasting air pollution potential, advisory service, 11182
 general information (remarks), 1432
 grants and awards, guide, 12468
 grants and awards, 1964 funds, mental health research, 11106
 grants and awards, 1965 funds—
 construction of facilities, 6491
 health services, formula and project, 6492
 mental health research, 15288
 mental health training, 2458
 research, 5033
 summary tables and graphic highlights, 9560
 training grants, traineeships, fellowships, etc., 6490
 grants for health services made to Indiana, financial administration, GAO review, 16347
 grants for health services made to Illinois, administration, GAO report, 13380
 handbook, mechanical addressing, lists, 1428
 health information leaflets and pamphlets, lists, 11191, 15286
 hospitals—
 closing, proposal, report, 478
 diagnostic and demographic data of patients discharged, 1416
 medical internships, 18060
 pharmacy residencies, 16807
 seamen's hospitalization, report, 1935
 Indian health program, 11190

Public Health Service—Continued

Kidney Disease Branch, general information, 2534
 medical care for seamen, 5111
 medical record library science training, 7998
 medical records, fees for abstracts furnished to private parties, GAO report, 14727
 medical rehabilitation, new program, 15287
 milk certification program, 13964
 nurse training act of 1964, project grants, list, 18059
 occupational health publications, 6570-71
 public advisory groups—
 authority, structure, functions, 12480
 roster of members, 11197
 publications, 9628
 regions, interstate carrier water supplies, inventory, 15285
 regulations on biological products, etc., 1414
 reorganization—
 hearings, 11659, 16188
 message from the President, 8506
 research grants of NIH, 1965, index, 13991
 research profiles, 16809, 18072-74
 residencies for physicians, general information, 9629
 Surgeon General's Workshop on Prevention of Disability from Arthritis, report, 13989
 traineeship awards to individuals, 5102
 traineeship program—
 professional health personnel, 5119
 professional nurse short-term training courses, 8001, 12485, 18077
 registered nurses, 1436
 training grant programs, 13997
 uniformed services, joint travel regulations 1962
 water supply and pollution control program, report, 1410
 X-ray exposure study, 18067
 Public housing, *see* Housing.
 Public Housing Administration:
 financial statements, GAO examination, 6009
 inclusion of balconies and use of high-cost brick in constructing low-rent public housing, GAO report, 6010
 local authorities participating in low-rent programs, 3161
 low-rent housing bulletin, 6590
 press releases, 3400
 Public information:
 background information on Foreign Relations Committee, Senate, 5806
 Bureau of Public Roads views (remarks), 8006
 clarify and protect right of the public—
 law, 11585
 reports, 550, 10124, 11763
 Navy Department guidelines for commanders, etc. (periodical), 2858
 public information materials, State Dept., list, 12523
 scientific activities of Federal agencies, 5050, 11137, 13890
 see also Public relations.
 Public Land Law Review Commission:
 appropriations, 1967—
 hearings, 7113, 8763
 law, 10086
 report, 8592, 10281
 objective, functions and operations, 13048
 Public lands:
 code of Federal regulations, 10498
 common varieties act—
 amendments—
 hearings, 13215
 report, 16138
 interpretation and administration, hearings, 1941
 geothermal steam deposits, disposition—
 hearings, 13047

Public lands—Continued

geothermal steam deposits, disposition—
 continued
 report, 15933
 granted to States, amend revised statutes—
 law, 11579
 report, 11746
 Interior Department decisions, 3071
 leasing to States and their political subdivisions, amend act—
 law, 11566
 report, 11740
 map of United States showing public land surveys and remaining public land, 13651
 National Advisory Board Council, public land management proceedings, 26th annual meeting, 10887
 non-Federal management of recreational facilities, 9619
 notify Congress of actions, report, 1825
 our public lands (periodical), 3302
 public domain, historical sketch, 10888
 statistics, 13650
see also Grazing—*also* names of States, etc., where lands are located.
 Public law 480, *see* Agricultural trade development and assistance act of 1954.
 Public laws, *see* Law.
 Public management, *see* Administrative management.
 Public moneys, *see* Public funds.
 Public papers of Presidents of United States, 5952
 announcement and order form, 1402
 Public policy:
 and pesticides, interagency coordination in environmental hazards, report, 13156
 science, government, and public policy, panel—
 papers, 8682
 proceedings, 5709
 Public Printer, *see* Government Printing Office.
 Public printing and binding, regulations, 11695
 Public property:
 code of Federal regulations, 7414
 exchange sale property, permit further Federal use and donation, report, 13142
 Federal property and administrative services act, amend—
 hearing, 14482
 laws, 408, 443-444
 reports, 487, 549, 563, 18142
 management, code of Federal regulations, 5949, 7403-4, 8915-16, 10497, 11935
 transferred to other Government departments by RFC, payment in lieu of taxes, extend, report, 17239
 USSR theory and practice, 9150
 see also Surplus property.
 Public relations:
 workers, employment outlook, 9207
 you and the public, Federal employee facts, 17040
 Public roads, *see* Roads and highways.
 Public Roads Bureau:
 accounting and financial reporting system, need for improvement, GAO report, 12000
 annual report, 5131
 Capital Beltway, Interstate route 495, stage construction results in problems, etc., GAO report, 2086
 engineering opportunities for college students, bridge to your success in highway engineering training program, 5129
 Federal-aid highway program—
 need for specific guidelines regarding Federal participation in costs of standard-type plans, GAO report, 7470
 right-of-way acquisition activities in Utah, GAO report, 13384

INDEX 1966

Public Roads Bureau—Continued
 labor compliance manual, direct Federal and Federal-aid construction, amdt., 15315
 press releases, 3401
 program (series), 5125-27
 transfer—
 hearings, 8774, 10246, 10346, 11809, 13040, 13212
 message from the President, 5617
 reports, 11634, 12973, 16158, 17291
 views public information (remarks), 8006
 Public schools, *see* Schools.
 Public Service Commission of District of Columbia, report, 4262
 Public utilities:
 holding companies, security transactions and holdings, 3291
 public utility holding company act of 1935, 18090
 Public welfare:
 administration, restructuring to meet needs of urban society, conference, report, 18144
 code of Federal regulations, 11942
 constructive program, 1539
 demonstration projects focus on education for AFDC youth, 16253
 family services, utilization of—
 auxiliary staff, 11906
 social work staff with differing levels of education, 11907
 group services, working with groups, guide for administration, 14588
 having the power, we have the duty, report, 12565
 recommendations, summary, 18143
 programs, progress report on staff development, HEW, 14585
 see also Social work and problems.
 Public works:
 acceleration program, local employment created, GAO report, 6011
 allocating resources in eligible areas for utility of employment and income (paper), 10032
 appropriations, 1966, law, 401
 appropriations, 1967—
 hearings, 10229, 14408, 16173
 reports, 15914, 16165, 17275
 authorizations, 1965, rivers and harbors, flood control, etc.—
 law, 400
 report, print additional copies, report 10197
 authorizations, 1966, rivers and harbors, flood control, etc.—
 hearings, 17597
 reports, 172736, 17533
 print additional copies, report, 17470
 code of Federal regulations, 7414
 complexity of organization and administration (address), 10010
 EDA grants and loans for public works and development facilities, 1968
 Engineers Corps—
 civil works activities, report—
 departmental edition, 11889, 14570
 document edition, 11599, 14379
 civil works program, report by Civil Works Study Board, 11830
 grants and loans for public works and development facilities, 4266
 public works and economic development act—
 amend to broaden coverage, hearings, 14438
 areas eligible for financial assistance, 8819
 facts, 16217
 hearings, print additional copies, reports, 10198, 17471
 maximum grant rates in qualified areas, 1969
 qualified areas by States, 616

Public works—Continued
 public works and economic development—
 act—continued
 report, print additional copies, report, 10202
 Public Works Committee, House:
 calendar, 3124
 committee prints, 529, 8679, 10265, 11681, 14441, 15987
 hearings, 525-528, 1865, 5706, 8678, 10262-264, 11682, 13056-58, 14437-440, 15988, 17392
 investigations and studies, expenses, report, 4107
 reports, 5677, 8545, 10154, 10176, 12946, 12949, 14390, 15837, 15909, 15934, 15948, 17276
 travel authorization, reports, 15904-905, 17299
 Public Works Committee, Senate:
 additional staff and funds, authorization, reports, 4200, 5751
 calendar, 3142
 committee prints, 7235-36, 10367, 11828-829
 hearings, 8789, 10368-371, 11831-832, 13228-230, 14503, 17597-598
 reports, 546, 533-554, 1910-22, 5751, 10287, 11782, 11830, 13126, 13150, 13160-161, 13169, 13185, 16078, 16126-127, 16148-149, 17533
 Publications:
 applied cybernetics, forthcoming works, USSR study, 9181
 Federal item identification guides for supply cataloging, supplements, 2939
 see also Government publications—Military publications—*also* names of departments, etc., issuing publications—*also* subjects.
 Publications Distribution Service of House of Representatives, *see* House of Representatives.
 Publicity, medical self-help promotional materials, list, 2532
 Publishing:
 census of manufactures, industry report, 3892
 census of manufactures, 1963, manufacturing plants, location, 11454
 industry report, 3416
 Puckett, H. B., pneumatic conveyor for distributing farm feed, 15477
 Pueblos, *see* Acoma Pueblo—Sandia Pueblo—Santa Ana Pueblo—Zia Pueblo.
 Puerto Rico:
 aeroradioactivity survey and geology, 11419
 agricultural economics, 4285
 agriculture departments, directory, 1965, 590
 boiling nuclear superheater (BONUS) power station, Punta Higuera site, 5383, 8278, 15537
 census of business, 1963, retail trade, wholesale trade, and services, 11451
 climatological data, 2751
 coast pilot, supplement, 6985
 convey real property to, report, 17495
 District Court, tenure for judges—
 law, 17101
 report, 17479
 fair labor standards act amendments of 1966, impact, hearings, 5818
 Florida quadrangle, geology, 13399
 mineral industry, minerals yearbook chapter, 17845
 minimum wage rates—
 retailing, wholesaling, and warehousing, 5217, 5225
 rubber products industry, 5219
 nautical chart catalog, 6988
 Noreste Soil Conservation District, pangolagrass pasture and coconut palms (colored poster), 9698
 petroleum refineries, 12237

Puerto Rico—Continued
 political status, settlement, hearings, print as Senate documents, reports, 11735, 12998
 principal electric facilities, map, 7381
 Puerto Rico and outlying areas—
 county business patterns, 3918
 population estimates, 8362
 storm warning facilities chart, 12562
 U.S. trade, monthly report, 3004
 women workers, 18146
 Puget Sound, area, major industrial plant sites, 5430
 Pukhan t'ongch'i Kiguron, 13551
 Pullets, *see* Chickens.
 Pullman Company, 1964 transport statistics, 874, 10699
 Pulmonary circulation, function of external respiration during circulatory insufficiency, USSR study, 985
 Pulmonary diseases, research conference, transactions, 14065
 Pulmonata, *see* Snails.
 Pulp:
 current industrial reports, 262, 2817
 industry, employment outlook, 9308
 industry report, 3433
see also Wood pulp.
 Pulp mills, census of manufactures, industry report, 3891
 Pulp wood, *see* Wood pulp.
 Pulpboard:
 corrugated fiberboard—
 comparison of 2 specimen shapes for short column test, 4440
 edgewise compressive strength, determined by local instability, 5992
 effect of loading rate on edgewise compressive strength, 10565
 current industrial reports, 262, 2817
 mat-formed wood particleboard, standard of trade, 17936
 Pulpwood, *see* Wood pulp.
 Pulse acceleration, *see* Acceleration.
 Pulse code modulation, *see* Radio pulse code modulation.
 Pulse generators, *see* Clock-pulse generators.
 Pulse-height analyzers, single channel, operates in subnanosecond range, 15107
 Pulse waves, method of determining propagation velocity, 4998
 Pulses:
 display in electrochemical transient measurements, use of logarithmic sweep, 12434
 electric-pulse machining of metals and alloys, USSR study, 16477
 high intensity, of neutrons, symposium on sources, proceedings, 5385
 low power nanosecond pulse and logic circuits using tunnel diodes, 15168
 measurement, programed notebook for nursing assistants, 13995
 multiple-connected-pulse systems, USSR studies, 4615
 optimum pulse filters and signal accumulators, USSR study, 16501
 produced in rock samples by piezoelectric pulsing equipment for sonic velocity measurements, 13694
 timing, use of parallel line raster to eliminate ambiguities, 15116
 Pulses (seeds):
 dried, foreign agriculture circulars, 2987
 Pumice, basaltic, acid fumarolic gas from Kilauea Iki, Hawaii, chemical effect, 4523
 Pumping, mercury ion beams by liquid-nitrogen-cooled condensers, 4965
see also Cryopumping.
 Pumps:
 axial-flow rotor, design and performance, errata, 4896
 DC 704 diffusion-pump oil fragmentation, mass spectrometric analysis, 1248
 desalination pumping units, final evaluation report, 16377

Pumps—Continued
 electromagnetic alkali metal, for spacecraft power systems, research program, 6332
 farm, current industrial reports, 2817
 Federal item identification guides for supply cataloging, supplements, 2935
 high pressure pumping station, closed loop operation eliminates need for auxiliary gas, 16631
 industrial plant equipment handbook, 11843
 rotating magnetic, modification for mercury pumping, 17901
 titanium sublimation, produces ultrahigh vacuum, 15118
 vacuum, industrial plant equipment handbook, 10386
see also Heat pumps.
 Punch tools, die and telescoping punch form convolutions in thin diaphragm, 4886
 Punnett, Eileen L., relief, 8705
 Punta Higuera, boiling nuclear superheater (BONUS) power station, 5383, 8278, 15537
 Pupils (students), *see* Students.
 Purchasing:
 Agricultural Stabilization and Conservation Service, reports, 3434
 consumer buying indicators, series, 268, 5496, 11474, 14278
 do lettuce buyers exert oligopsony power?, 4281
 drug purchases, problems and policies, study, 11321
 economic order quantity, principle and applications, 14740
 food, how to use USDA grades in buying, 16936
 institutional meat purchase specifications approved by USDA, fresh pork, 7242
 power of consumer dollar in United States cities, 4739
 savings through increased purchasing from GSA supply sources by AEC contractors, GAO report, 16346
 servicemen's problems, hearing, 17367
 surplus personal property, how to buy from Defense Dept., 5852
 Purchasing agents, employment outlook, 9267
 Puri, Yesh P., anatomical and agronomic studies of phormium in western Oregon, 14150
 Purification of boron, *see* Boron.
 Purification of water, *see* Water purification.
 Pursuit of happiness, 14966
 Putzel, Henry, Jr.:
 official reports of Supreme Court, United States, preliminary print, 3290
 United States reports, cases adjudged in Supreme Court, 8095
 Puzak, P. P., metallurgical characteristics of high strength structural materials, 5076
 PWOC, *see* Protestant Women of the Chapel.
 Pyramid Lake Indian Reservation:
 leasing of Indian land for 99-year term, authorize—
 law, 10059
 report, 8599
 Pyrazoline, dithiocarbamates, extraction of metal compounds, 9546
 Pyrethrum, synergized, wheat protectant against insect damage in small bins, errata, 6754
 Pyrolysis:
 products from subbituminous coal, influence of carbonization method, etc., on amounts, 16583
 products of irradiated cigarettes, 5395
 Pyrometers:
 optical and ratio, surface temperature measurement, practical aspects, 15193
 ultraviolet photographic, used in rocket exhaust analysis, 6408
 Pyrophyllite, minerals yearbook chapter, 17868

Pyrotechnics:
military series, engineering design handbook, 8230
output energy of devices, measuring system, 7805
use eliminated by use of electrically heated diaphragm, 2403

Pyrroles:
shale-oil components, methylpyrroles, butylpyrroles, and isopropylpyrroles, thermal reactions, 6314
synthesis of (BB-dicyanovinyl) pyrroles and dipyrromethanes, USSR study, 957

Q

QA-IND series, 15417

Qatar:
background notes, 1485
mineral industry, minerals yearbook chapter, 4775, 17846

Quacks and quackery:
health education vs medical quackery, 2053
senior citizens and medical quackery, 8946

Quaintance, Jean A., relief, 12874, 17432

Quality control:
and reliability, handbooks, 4261, 7269, 16213
clothing and textiles, quality assurance information handbook, 16207
DSA civilian career program, 16210
public assistance, guides and instructions for QC reviewers, 1998
quality, international pride and national cooperation (address), 10033
see also subjects.

Quantal interpretation of sensory channel uncertainty and reaction time and psychological time quantum and discrimination of succession, 9427

Quantitative Separations Section, report, 5012

Quantum electronics, physical problems, 6151

Quantum generators, *see* Lasers.

Quarantine, plant, prevent hitchhiking bugs, 9832
see also subjects.

Quarries and quarrying, blasting, effect of charge weight on vibration levels, 12243

Quarterly:
NOTE:—For all publications which begin with the word "Quarterly," *see* subject, name of department, etc., issuing publication.

Quarters:
Coast Guard members, savings through use of FHA owned houses in St. Petersburg and Miami, Fla., areas, GAO report, 2085

Government, savings by providing in lieu of payment of quarters allowances to U.S. military personnel in Taiwan, Department of Defense, GAO report, 6019
Military Academy, provide without charge to civilian instructors, report, 12966
see also Barracks and quarters.

Quartz:
crystals—
disposal from national or supplemental stockpile, or both, law, 412
overgrowths showing direction of movement of jasperoidizing solution, 9013
jasperoids of Lake Valley Mining District, N. Mex., 4513

Quaternary ammonium compounds, thermodynamics of aqueous solutions of salts, 853

Quattlebaum, Charles A.:
enactments by 89th Congress, 1st session, concerning education and training, 7227
legislation concerning education and training, Apr. 24, 1961–Nov. 8, 1965, 7133

Quattlebaum, Marguerite V., subject headings used in dictionary catalogs of Library of Congress, 17825

Queens County, N.Y., southeastern, salt water encroachment, 10648

Quest for equality, story of how 6 institutions opened their doors to serve Negro children and their families, 14282

Questions and answers about uterine cancer, 12482

Questions and answers on Federal outdoor recreation fees, 9602

Questions and answers on guaranteed and direct loans for veterans, 18137

Questions and answers, QA-IND series, 15417

Quiet warriors supporting social revolution in Vietnam, 10691, 11253

Quigley, Stephen P.:
interpreting for deaf people, 14069
preparation of teachers of deaf, 13279

Quileute Indians, judgment funds, disposition, reports, 12933, 17504

Quindine, prices, hearings, 17587

Quinine, and Quindine, prices, hearings, 17587

Quinlan, James K., evaluation in Illinois of 4 inert dusts on stored shelled corn for protection against insects, progress report, 14108

Quinn, Robert E., nomination, hearing, 10323
Quinnam, Barbara, fables from incunabula to modern picture books, 7683

R

R.E.A., *see* Railway Express Agency—Rural Electrification Administration.

R. N. Bert Doshi Lock, name, law, 15754

Raabe, R. G., mineral industry of North Dakota, 1138

Raaben, Helen P., indexes to Oak Ridge National Laboratory master analytical manual, 9925

Rabbits:
calorigenic response to epinephrine, etc., 9858

cobalt-60 irradiated, isolated ileum, sodium transport, 3792

cold- and warm-adapted, precooling of peripheral arterial blood, 3782

commercial raising, 12504

eclipse burns, threshold measurements, 12634

precipitin production from human serum, variation in response to primary injections, 9870

precipitin response to human serum, comparison of stresses, 8218

processing plants, chemical compounds authorized for use under USDA inspection programs, lists, 10376, 16201

Race car drivers, physiologic observations, 15068

Race problems:

desegregation guidelines (address), 7317

desegregation of health and welfare services in the South, survey, 5516

economics of integration (address), 8413

education and employment solution to equal rights quandary (address), 16512

equal employment opportunity under civil rights act of 1964, facts about title 7, 17639

equality of educational opportunity, 13271

report of survey, 14551

correlation tables, 14552

Federal rights under school desegregation law, 11494

how to turn talk into action, guide for effective commission on human relations, 10049

integration and academic quality (address), 7314–15

integration in public schools, social and economic implications, 1081

- Race problems—Continued
 integration programs for schools in Volusia County, Fla., 13273
 prohibit discrimination in housing, education, etc.—
 hearings, 11671, 14493
 report, 12929
 quest for equality, story of how 6 institutions opened their doors to serve Negro children, 14282
 racial discrimination, eliminate, message from the President, 8509
 racial equality in housing, etc., legal and moral basis (remarks), 16886
 school desegregation—
 in Southern and border States, survey, 1965-66, report, 6960
 plans, revised statement of policies, 5882
 summary, 5875
 policies and guidelines, select committee to study, hearings, 17393
 White House Conference, To Fulfill These Rights, report, 15429
 white-nonwhite differentials in health, education, and welfare, 837
see also Discrimination in employment.
- Racial variation in slash pine as affected by climatic factors, 16339
- Racine, Wis., commodity transportation survey, production area series, 9957
- Racks:
 cattle feeding rack for hay and silage, 11362
 rack mount device quickly inserts or extracts chassis units, 4878
- Radar:
 air traffic control beacon, Servo-altimeter displays, evaluation, final report, 7975
 air traffic control task, development and evaluation, 9937
 cross section from Trailblazer IIa9° half-angle blunt nose cone during hypersonic reentry, 4956
 echo patterns, statistical properties, 12563
 Echo II returns, ionospheric parameters derived during solar minimum conditions, 12442
 IFF active readout control and display system, 1370
 landmass simulation, computer techniques, 9593
 observations, evaluating success of artificial modification of convective clouds, results, USSR study, 10784
 publications, price list, 16788
 radar set AN/PPS-4, organizational mechanic/repairman course, 5363
 UHF, airborne early warning (AEW), observations of elevated tradewind ducts, 7974
 weather, papers, 1536
see also Doppler radar.
- Radar display systems, *see* Display systems.
- Radar simulators, Nike Hercules system, radar-signal simulator, Army field manual, 5346
- Radar tracking:
 interplanetary midcourse guidance, on-board observation data, 16686
 missile and satellite, removing sea-water salt residues, sand, dust, and soluble corrosive products, field experience, 6548
 VHR, range residuals, 15169
- Radrbruch, Dorothy H., tectonic creep in Hayward fault zone, Calif., 4517
- RADC, *see* Rome Air Development Center.
- Radial coolant channels fabricated by simplified method, 12309
- Radial flow, *see* Flow.
- Radial heat equation and Laplace transforms, 2361
- Radiant energy:
 calorimeter accurately measures thermal radiation energy, 6384
- Radiant energy—Continued
 distribution pattern of 3 gas-fired infrared chick brooders, 9777
 in relation to forests, 1609
 radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 transfer measurements in air, 16601
 transport in BeO, 1352
- Radiant heating, seeded gas in coaxial-flow gaseous reactor, 1943
- Radiation:
 accelerator dosimetry and experience, AEC symposium, proceedings, 12674
 air radiation tables, spectral distribution functions for molecular band systems, 15060
 air-scattered in basement structures, attenuation, 3846
 atomic-irradiation, effects you can expect on seeds, 5428
 atomic transition probabilities—
 bibliography, 7916
 hydrogen through neon, 11092
 biological effects on seeds, experiments—
 for 9th and 10th grade students, 5420
 for students beyond 10th grade, 5421
 chimera and transplant immunity, USSR study, 14920
 conductivity changes produced in ice by optical irradiation 0.8 to 2.7 μ , 15505
 damage—
 immune response in mouse spleen cells, chemical protection, 15494
 silicon solar cells from proton, bombardment, 6547
 surveillance of power reactor pressure vessels, 12430
 dielectrometer design permits measurement in vacuum under irradiation, 16624
 dose, to various body organs from inhalation or ingestion of soluble radionuclides, 15532
 early radiation-biochemical reactions, USSR study, 17785
 effects—
 electron radiation on unijunction transistors, 13714
 on microbial flora surviving seafood pasteurization, 5411
 submicroscopic structure of sympathetic neuron, 11380
 test program, SNAP 8, GNL Radiation Effects Reactor—
 components and sub-assemblies, 7747
 electrical insulation materials, 7746
 gamma spectrum measurements, 7745
 thymidine incorporation into DNA, 5329
 electron irradiation of polyethylene terephthalate insulated ribbon wire, transient effects, shunt capacitance effects on, 7849
 external environmental, 11424
 food—
 irradiation, world outlook, 5417
 pasteurization accomplishment, 5th annual contractors meeting, 5387
 preservation by irradiation, evolution and present status in world, 12669
 preservation, effects of low level irradiation, 8294
 processing, hearings, 450
 products, approval by Food and Drug Administration, etc., status of petitions, 12692
 from slot antenna in ground plane covered by warm plasma layer, 12366
 genetic effects, 15547
 Hungary, control of dosage received by workers, decree, 4610
 hygiene, reports on basic problems discussed at 4th practical scientific conference, USSR, 1013
 Ichiban critical assembly, neutron and gamma-ray leakage, 12671

Radiation—Continued

instruments using nuclear sources, etc., all-Union group isotope catalog, 11415
 irradiated organic coolants, friction factor and heat transfer correlation, 9920
 irradiated-pasteurized fishery products, study, 15539
 irradiating experimental animals, technique, USSR study, 9143
 irradiation—
 cesium 137 facility for ecological research, development, S293
 possibilities in 2 kilocurie Co-60 radiation unit at Voris Kidric Institute at Vinca, Yugoslavia, 951
 isotopes and radiation technology, review of recent developments, 3092
 kinetics of recuperation following 55 Mev proton irradiation, 5335
 measurements in conventional structures, 3846, 15527
 nongrey, effects on boundary layer of absorbing gas over flat plate, 16597
 nuclear, processing of optical maser materials, 16971
 optical, from Trailblazer IIa9° half-angle blunt nose cone during hypersonic reentry, 4956
 pasteurization—
 Pacific crab and flounder, 11437
 shrimp and oysters, 11430
 physics, 142
 polymerization method for synthesis of high molecular compounds, USSR study, 9069
 postirradiation creatinuria in Macaca mulatta primates, 14190
 problems of radiation safety in space flights, 2439
 produced plastic impregnated wood in southern region, commercialization of process of manufacturing, 11438
 pyrolytic products of irradiated cigarettes, 5395
 radiation-induced oxidation of hydrocarbons, 5396
 radiations of space (series), 1621
 radiative interactions between absorbing-emitting and flowing media with internal energy generation, 15197
 radio frequency, measures of protection to be taken working with oscillators, USSR study, 915
 radioecology, terrestrial and freshwater, bibliography, 11434
 resistant device phenomena, 6338
 resistant silicon solar cells, epitaxial structures, development, 10941
 safety and health standards for Federal supply contracts under Walsh-Healey public contracts act, regulations, 11313
 safety considerations in preparation of license applications, notice, 1686
 safety during space flights, 11082
 safety for civil airports, 3805
 safety manual, 6688
 safety regulations during gamma ray defectoscopy, Bulgarian study, 2226
 SAM high level cobalt-60 irradiation facility, 1623
 semiconductor forms biomedical radiation probe, 12297
 simultaneous heating treatment of precooked marine products, 11425
 soil and sediment analysis, sample preparation, 15277
 space 4, effects of 400 Mev protons on primates, 5327
 standards of importance to national atomic energy program, 7919
 synthesis, halogen compounds, final report, 15529
 table of radiation characteristics for uniformly spaced optimum endfire arrays with equal sidelobes, 2451
 techniques, radiochemical analysis, 5013

Radiation—Continued

technology, postharvest procedures as means of extending shelf life of fruits and vegetables, 5413
 TIROS measurements and variations in atmospheric heating, 17874
 TIROS IV data, tropospheric water vapor content and surface temperatures, 16606
 transistor design effects on resistance, 15075
 use for inhibition of bacterial growth in liquid media, 5393
 used to temperature compensate semiconductor strain gages, 10995
 vortex stabilized radiation sources for improved solar simulation, basic studies, 9436
 weather and surface radiation prediction activities, Project Dribble, Salmon event, 5414
 see also Albedo—Beta rays—Bremsstrahlung radiation—Cosmic rays—Gamma rays—Heat transfer—Infrared rays—Ionizing radiation—Radiant energy—Radio waves—Solar radiation—Thermal radiation—Ultraviolet rays—Van Allen radiation belts—X-rays.
 Radiation biology, see Radiobiology.
 Radiation chemistry, see Radiochemistry.
 Radiation Council, see Federal Radiation Council.
 Radiation detection instruments:
 large volume detectors, evaluation and application to radioisotope process control, 8276
 wedge immersed thermistor bolometer measures infrared radiation, 1206
 see also Scintillation counters.
 Radiation environment, see Environment.
 Radiation illness:
 acute—
 and dosage determination, USSR study, 9065
 complex therapy, USSR studies, 2242
 polyglucine used in blood transfusion and radiation sickness, USSR study, 4596
 workmen's compensation legislation, Federal-State cooperation in improvement, report and workshop proceedings, 1687
 Radiation injuries:
 combined trauma, research, clinical management and planning, review, 12483
 hypophysis and adrenals in presence of radiation injuries to organism, USSR studies, 4691
 Soviet study, 1017
 workmen's compensation and radiation injuries, studies, 1687, 6873
 Radiation laboratories:
 hot laboratories, annotated bibliography, 1683
 new high level, at NRL, design, construction and equipment, 1353
 Radiation sickness, see Radiation illness.
 Radiators:
 central fin-tube, comparison of 1- and 2-dimensional heat-transfer calculations, 16698
 direct-condensing, for large space power systems, weight study, 4963
 space, low-temperature direct-condensing vapor-chamber fin and conducting fin radiators, analysis, 1268
 Radiators (aircraft):
 space radiator panels utilizing shared fins, heat-rejection characteristics, 15189
 straight finned, weight optimization, design procedure, 15143
 Radio:
 industry, products, USSR, catalog, 16502
 meteorology, NBS monograph, 15189
 publications, price list, 16788
 radio science, 3449
 journal of research, National Bureau of Standards, 3103
 range finders, experience in working with, USSR study, 16482

Radio—Continued

USSR all-Union scientific session devoted to radio day, section on—
 antennas, 13560
 cybernetics, 13520
 electronic computers, 13538
 electronics, 14831
 general radio engineering, 14942
 microelectronics, 13574
 propagation of radio waves, 14829
 quantum electronics, 14838
 radio broadcasting, electroacoustics and sound recording, 14937
 radio measurements, 14938
 radio receivers and amplifiers, 14941
 radio transmitters, 14940
 semiconductor devices, 14828
 telemechanics, 14816
 television, 14939
 theory and techniques of transmitting discrete signals, 14830
 theory of information, 13562
 waveguides, 13561
 wire communications, 14936

Radio announcers, examination announcement, 6975

Radio apparatus and appliances:
 radio-controlled skyline yarding system, economics and design, 2076
 selling and servicing, bibliography, 12503

Radio astronomy:
 ancient novae and supernovae recorded in annals of China, Korea, and Japan and their significance in radioastronomy, 4993
 Ukrainian research, status and outlook, 10721

Radio broadcasting:
 agreement with Mexico, protocol, amend—message from the President, 13075
 report, 13089
 applications, FCC, 2916
 broadcast actions, reports, 2916
 call signs, request for new or modified, FCC reports, 2916
 career intern program in broadcasting, 5197
 declaration by voice of Pathet Lao, 6167
 experimental, auxiliary, and special services, FCC rules and regulations, 2921
 market news by wireless, 15465
 occupations, employment outlook, 9310
 ratings, methodology, accuracy, and use, report, 4082
 services, FCC rules and regulations, 2921
 weather aids—
 Atlantic and Mediterranean area, 2485, 12409
 Pacific and Indian Oceans, 5058, 7961, 13899
see also Radio stations.

Radio communication:
 amateur service, FCC rules and regulations, 2924
 applications, FCC, 2916
 aviation, public safety, industrial, and land transportation services, FCC rules and regulations, 2923
 channels, theory with random varying parameters, USSR study, 10771
 citizens radio service, FCC rules and regulations, 2924
 domestic, public services, FCC rules and regulations, 2925, 13314
 experimental services, FCC rules and regulations, 2920, 14619
 House Members, radio-telegraph allowances, additional, report, 12928
 industrial, scientific, and medical equipment, FCC rules and regulations, 2920, 14619
 international fixed public services, FCC rules and regulations, 2925, 13314
 printer, equipment, USSR study, 7621
 regulation by FCC of devices which cause interference in reception, report, 10314

Radio communication—Continued

safety and special radio services, FCC applications and actions, 2916
 space, problems, 4988
 treaty matters, FCC rules and regulations, 2920, 14619

USSR all-Union scientific session devoted to Radio Day—
 antennas section, 13560
 theory of information section, 13562
 waveguides section, 13561

Radio engineering, general, USSR all-Union scientific session devoted to radio day, 14942

Radio equipment, *see* Radio apparatus and appliances—Radio communication.

Radio frequencies:
 allocations, FCC rules and regulations, 2920, 14619
 atmospheric tracking errors at S- and C-band frequencies, 13811
 devices, FCC rules and regulations, 2920, 14619
 devices which emit frequencies harmful to radio reception, regulate, report, 10314
 ferroelectric bolometer measures RF absolute power at submillimeter wavelengths, 6377
 high-frequency Doppler technique, use in observation of solar flare effects, 5018
 power transfer to ion-cyclotron waves in collision-free magnetoplasma, 7876
 standard services provided by NBS stations WWV, WWVH, WWVB, and WWVL, 9552
 zonal harmonics in low frequency terrestrial radio wave propagation, 13866

Radio frequency filters, optimum pulse filters and signal accumulators, USSR study, 16501

Radio frequency modulation:
 broadcasting stations of world, 14688
 FM telemetry, etc., for aerodynamic measurements in wind tunnels, 6462

Radio in navigation:
 aids—
 Atlantic and Mediterranean area, changes, 2484, 11146, 15238
 Pacific and Indian Oceans area, changes, 1339, 5057, 9585, 13898

Radio interference, protection of receiver from being overloaded by interference, USSR study, 975

Radio interferometers, *see* Interferometers.

Radio measurements:
 accuracy in electrical and radio measurements and calibrations, 1965, 1298
 pulsed-sound range finder measurements, accuracy of points determined by mean square and elliptical errors methods, USSR study, 910
 USSR all-Union scientific session devoted to radio day, 14938

Radio noise, *see* Noise.

Radio operators:
 amateur, alien, agreement to operate in U.S. and—
 Colombia, 5169
 Ecuador, 5157
 Germany, 18125
 Great Britain, 9730
 India, 15373
 Israel, 15366
 Luxembourg, 5170
 Paraguay, 11277
 commercial, FCC rules and regulations, 2919
 radioman 3d class, curriculum for Naval Reserve training program, 13903

Radio physics, *see* Radiophysics.

Radio propagation, *see* Radio waves.

Radio pulse code modulation:
 coherent PCM channel, signal and noise level estimation, 7734

INDEX 1966

- Radio pulse code modulation—Continued
unified (integrated) switching system and multiplexing, application of pulse-code modulation (IKM) in building, USSR study, 926
- Radio receivers, *see* Receivers (radio).
- Radio service technicians, employment outlook, 9285
- Radio services, *see* Radio communications.
- Radio signals:
fading characteristics, Echo II, 13715
linear signal noise summer determines and controls S/N ratio, 17900
phase variations of 16 kc/s signals from GBR observed at College, Alaska, 1297
pulse-time signal modulation for hydro-acoustic communication system, USSR study, 2263
ray tracing in rising and falling ducts, 1360
stability of ultrashort wave signals along medium range mountain routes, USSR study, 7556
- Radio stations:
amateur, alien, agreements authorizing operation in U.S. and—
Colombia, 5169
Ecuador, 5157
Germany, 18125
Great Britain, 9730
India, 15373
Israel, 15366
Luxembourg, 5170
Paraguay, 11277
broadcasting stations of world—
amplitude modulation—
indexed by country and city, 14686
indexed by frequency, 14687
frequency modulation, indexed by country, city, frequency, 14688
television, indexed by country, city, frequency, 14689
maritime services on land, shipboard, etc. FCC rules and regulations, 2922
WWV, WWVH, WWVB, and WWVL, standard frequency and time services provided by NBS, 9552
- Radio telemetry:
Roberts radio current meter manual, 6981
utilization for study of gastric and intestinal temperature in man, USSR study, 6209
- Radio telescopes:
orbiting, large, preliminary design studies, 15070
resolving power, conditions affecting, USSR study, 1036
- Radio transmitters, *see* Transmitters
- Radio-TV packet, FDA (periodical), 3450
- Radio waves:
attenuation of radio waves from artificial earth satellites in above-surface trajectories, USSR study, 14890
investigation of refraction in lower layers of atmosphere at low angles of elevation, USSR study, 4612
irregular, ionospheric refraction, measuring by signals from artificial earth satellites, 12192
LF, antenna cut-back factor, computations, 6480
propagation—
in earth's crust, USSR study, 2234
interplanetary and near solar space, USSR study, 13461
transmission loss predictions for tropospheric communication circuits, 13861-862
USSR all-Union scientific session devoted to radio day, 14829
USSR study, 7575
zonal harmonics, 13866
- Radio waves—Continued
radio-radar propagation, elevated trade-wind ducts, airborne early warning UHF radar observations, 7974
refraction, refractive index structure of lower atmosphere, etc., 7917
short-wave communication with spaceships, peculiarities, USSR study, 7565
ultrashort, investigation of properties of field fluctuations during propagation in troposphere, USSR study, 13450
ultrashort wave signals, stability along medium range mountain routes, USSR study, 7556
very-low-frequency, modal interference, 6554
see also Microwaves.
- Radioactivation analysis:
activation analysis, report, 5013
neutron activation analysis procedures for determination of oxygen and potassium, 7744
research studies, 6856
- Radioactive substances:
contamination resulting from use of nuclear explosives for stimulating petroleum production, 1158
dust, retention by greenery, USSR study, 16403
incidents involving AEC shipments, 9927
methods of combating radioactive pollution, Bulgarian study, 7616
nuclides, half lives of materials used in preparation of standard reference materials by NBS, 1294
recent developments, USSR, 4658
- Radioactive tracer system detects oil contaminants in fluid lines, 7766
- Radioactive waste disposal:
article on sources and disposal of radioactive wastes, 15549
postulated liquid-waste releases, hydrologic analysis, 13394
- Radioactivity:
aerial radiological measuring survey (ARMS)—
Albuquerque-Los Alamos area, 8279
Cincinnati area, 8280
D.C. and parts of Md., Va., and W. Va., 9917
Denver area, Colo., 12670
Puerto Rico, 11419
San Francisco, Calif., region, 11417
atmospheric, in Antarctica, 6551
autoradiographic examination of airborne fallout for Oct.-Nov. 1964, 1413
build-up of corrosion products in pressurized-water reactor, effect of purification system, 10745
carbohydrates, progress report of Organic Chemistry Section, July 1964-June 1965, 1299
fallout—
defense on farm, 33
global fallout products of nuclear explosions, 11414
Health and Safety Laboratory program, quarterly summary reports, 146, 5391, 8283, 12679
interception and retention by desert shrubs in Sedan fallout field, 5397
measurement on to high polar ice sheets, laboratory techniques and results, 8235
nuclear weapons tests, conference proceedings, 5384
protective action guides, hearings, 4038
fallout shelters—
analysts, national directory, 14289
architectural, engineering, and consulting firms with certified analysts directory, suppl., 6958
buildings with shelter areas, 12747
creation through slanting and cost reduction techniques, 1747, 14291
handbook for emergencies, 9987

Radioactivity—Continued

- fallout shelters—continued
 - national community design competition awards, 5514
 - professional development services in planning, etc., new buildings, 14290
 - protection factor estimator, instructions in use, 5513, 12746
 - protection for homes with basements, handbook, 5510, 15623
 - reading phase 2 printout, self-teaching materials, 17031
- rural, analysis workshop—
 - instructor manual, 8384
 - student manual, 8386
- schools, 5515
- technical report, 17032
- filter pack technique for classifying radioactive aerosols by particle size, 1381-82
- ground-water safety, Project Dribble, 5416
- iodine-131, measurement in bovine thyroids, 2535
- man-made, environmental studies, 11441
- natural environmental, annotated bibliography, 160
- pharmaceuticals, symposium proceedings, 12675
- processing of counting data, 14236
- Project Sulky—
 - off-site surveillance, 16973
 - on-site safety, 16974
- radioactive equilibrium extent between radon and its short-lived daughter products in atmosphere, 16757
- soil and sediment analysis, sample preparation by ultrasonic dispersion, 15277
- techniques for continuously measuring flotation froth density and pulp flow rates, 17864
- upper atmosphere, sampling, agreement with, Australia, 15362
- water pollution in Colorado River basin, hearing, 11832
- Radioastronomy, *see* Radio astronomy.
- Radiobiological Laboratory, Beaufort, N.C.:
 - Commercial Fisheries Bureau—
 - 1964 report, 2036
 - 1965 report, 13342
- Radiobiologiya (periodical):
 - translations, 1674-75, 11411, 15526
- Radiobiology:
 - intraspecies biologic and behavioral variability, 14193
 - studies, computer system, 12643
 - space radiobiology, training and operations, concept, 5299
 - USSR periodical, translations, 1674-75, 11411, 15526
- Radiocarbon, *see* Carbon isotopes.
- Radiochemical analysis:
 - activation analysis, instrumentation, radiation techniques, and radioisotope techniques, 5013
 - filter samples collected under Project Stardust, results, 8282, 9919
- Radiochemical Analysis Division, annual progress report, 5013
- Radiochemistry:
 - arsenic, 1678
 - nuclear chemistry—
 - USSR study, 13568
 - Warsaw University, Hungarian scientist reports on studies, 12104
 - radiochemical water analysis in reactor, chromatographic separation, USSR study, 14852
 - selenium, 1679
 - techniques, processing of counting data, 14236
- Radioelements, toxicity, AEC research program, 8306
- Radiography:
 - commercial film produces positive X-ray photo in 10 seconds, 13743
 - Industrial, AEC licensing guide, notice, 1686

Radiography—Continued

- nondestructive testing techniques, handbook, 16213
- radiographic and visual soundness requirements for cobalt-chromium alloy liners for small arms barrels, military standard, 11853
- Radiiodine, *see* Iodine isotopes.
- Radi isotopes, *see* Isotopes.
- Radiological defense, planning and operations guide, 11493
- Radiological health, *see* Health.
- Radiological Research Laboratory, Columbia University, annual report on research project, 15535
- Radiological telemetering systems, instrumented telemetering deep sea buoys, 315
- Radiologists, Belorussian SSR, 3d conference, 6157
- Radiology:
 - experimental and clinical radiology problems, USSR study, 9149
 - health data, monthly report, 3451
 - lower Columbia River in Oregon, Aug. 1963-July 1964, survey, 2537
 - off-site radiological surveillance, Project Dribble, Salmon event, 6868
 - on-site safety, Project Sulky, 16974
 - protecting and improving health through radiological sciences, 13988
 - weather and radiological surveillance, Nevada test site, Project Handcar, 3848
 - World War II, 16969
 - see also* Medical radiology.
- Radiology technicians, Air Force manual, 1617
- Radiomen, *see* Radio operators.
- Radiometers, Project Fire instrumentation, 17918
- Radionuclides:
 - content of foodstuffs collected at Christmas Island during Operation Dominic, 8297
 - determination of heat-shield char-front recession with nucleonic technique, 9511
 - food and water samples, analysis, 12465
 - half lives of materials used in preparation of standard reference materials by NBS, 1294
 - soluble, inhalation or ingestion, dose to various body organs, 15532
- Radiophysics, significant achievements, 9446
- Radios, *see* Receivers (radio).
- Radiosondes:
 - code, manual, amendment, 5227
 - meteorological systems, interagency value engineering task force study, 5853
 - observations, computation tables and diagrams, 9765
- Radiotelemetry, *see* Radio communication.
- Radiotelemetry, *see* Radio telemetry.
- Radiotelesopes, *see* Radio telescopes.
- Radium:
 - active interest of Public Health Service (paper), 1435
 - New Jersey cases, epidemiological follow-up, progress report, 9921
- Radon, radioactive equilibrium extent between radon and its short-lived daughter products in atmosphere, 16757
- Raffo, Peter L.:
 - influence of boron additions on physical and mechanical properties of arc-melted tungsten, etc., 4973
 - mechanical properties of solid-solution and carbide-strengthened arc-melted alloys, 6434
- Razan, Robert C., financial recordkeeping for small stores, 6602
- Ragsdale, Robert G.:
 - data comparisons and photographic observations of coaxial mixing of dissimilar gases at nearly equal stream velocities, 2418
 - effects of momentum buffer region on coaxial flow of dissimilar gases, 2424

Railroad accidents:
 all line-haul and switching and terminal companies, summary, 3553
 investigation reports, 2136-42, 6094-99, 12069-86, 14785
 safety, ICC operations, report, 8620
 print additional copies, report, 10209
 summary and analysis, bulletin, 10693
 Railroad Adjustment Board, *see* National Railroad Adjustment Board.
 Railroad cars:
 equipment of class 1 railroads, 3227
 long travel shock mounts, impact testing for transportability rail instrumentation, 5378
 maintenance, Army technical manual, 6848
see also Freight cars.
 Railroad employees:
 benefits for workers and their families, 14004
 employment outlook, 9313
 hours of service act of 1907, amend to provide 16-hour limitation for certain employees, 15976
 railway labor act—
 amend to provide for establishment of special adjustment boards—
 hearing, 7226
 law, 11565
 reports, 5654, 10319
 text, 1323
 retirement act of 1937, etc.—
 amend to provide supplemental annuities, etc.—
 hearings, 16196, 17384
 reports, 15947, 17532
 amend to provide survivors benefits for children, ages 18-21—
 hearings, 11666, 10361
 reports, 15947, 17532
 amend to remove provisions which deduct social security benefits from annuities of spouses, report, 1826
 annuities under adjustments—
 hearing, 11666
 reports, 15947, 17532
 retirement tax act, amend to change rates of tax, hearing, 16196
 wage statistics, class 1 railroads, 3685
 work rules dispute, settlement, law, administration, hearings, 5802, 13197
 Railroad equipment, *see* Railroad supplies.
 Railroad retirement acts, *see* Railroad employees.
 Railroad Retirement Board:
 appropriations, 1967—
 hearings, 8650, 14472
 reports, 8626, 16151
 monthly review, 3219
 report, 1965—
 departmental edition, 11207
 document edition, 10100
 Railroad Safety and Service Bureau, Railroad Safety Section, annual report, 7542
 Railroad Safety Section, annual report, 7542
 Railroad supplies:
 census of manufactures, 1963, industry statistics, 8338
 Federal item identification guides for supply cataloging, supplements, 2932
 Railroad switches, operating with economical and maintenance-free gas systems, 7780
 Railroads:
 All-Union Scientific-Research Institute of Railway Hygiene, report on laboratories, 16391
 automatic block signal systems, etc., rules, standards, and instructions for installation, inspection, maintenance, and repair, 16385
 automation in operations, USSR study, 12145
 carload traffic freight rates, 1955-63, indexes, 6090
 carload unit costs by territories, 14784

Railroads—Continued
 carload waybill statistics, 1963—
 agricultural products, 7532, 7535
 all commodities, 6080
 animals and products, 6081
 forest products, 6083
 manufactures and miscellaneous and forwarder traffic, 6082, 7531
 mileage block distribution, traffic and revenue by commodity class, 7531-33, 12061
 mileage block progressions for traffic and revenue by commodity groups and classes, 10695
 mileage distribution by type of car, 7534
 mine products, 7533, 7536
 supplement, 7543
 territorial distribution by type of car, 9056
 tons of revenue freight originated and tons terminated by States and commodity class, 7537
 traffic and revenue, territorial distribution by commodity classes, 6084
 weight distribution by type of car, 12062
 class 1—
 freight commodity statistics, annual report, 17747
 income and balance-sheet items, 3506
 motive power and car equipment, 3227
 operating revenues and expenses, 3295
 petroleum products, distribution, 2860, 7540
 revenue traffic statistics, 3476
 train and yard service, 3584
 coal leasing limitations, repeal—
 hearing, 13219
 report, 13167
 control, man-machine relationships, USSR study, 17791
 high speed ground transportation (remarks), 1776
 interstate commerce act, amend—
 law, 10081
 report, 8624
 large—
 operating revenues and expenses, 3296
 operating statistics, 3297
 lessors and proprietary companies, 1964
 transport statistics, 874, 10699
 maintenance of railroad way and structures, Army technical manual, 14230
 party activities in ministry of railways, USSR, 9067
 private car lines, 1964, transport statistics, 4585
 relocation of railroad facilities for Walter F. George Lock and Dam, Fort Gaines, Ga., Engineers Corps, Army, GAO report, 6024
 safety, ICC operations, report, 8620
 print additional copies, report, 10209
 schedule of annual indices, 10698, 17748
 telegraph communications in railroad transportation, USSR study, 16400
 transportation facilities, Army technical manual, 5373
 USSR operations, improvement, suggestions and proposals, 14819
 work rules dispute, settlement, law, administration, hearings, 5802, 13197
see also Electric railroads.
 Rails (birds):
 hunting, possession, transportation, importation in Alaska, 1966-67, regulations governing, 14673
 Railways cars, *see* Freight cars—Railroad cars.
 Railway equipment, *see* Railroad supplies.
 Railway Express Agency, Inc.:
 Civil Aeronautics Board, Federal Maritime Commission, Interstate Commerce Commission, research collaboration, staff study, 4583
 1964 transport statistics, 874, 10699
 Railway labor act, *see* Railroad employees.

Railways, *see* Electric railroads—Railroads.

Rain:

- chemical compositions, eastern North Carolina and southeastern Virginia, 13414
- comparison of kinematically computed precipitation with observed convective rainfall, 1537
- daily river and rainfall bulletins—Shreveport, La., area, 2825
- Vicksburg, Miss., area, 2826, 2833
- runoff on snow, effect of snow compaction, 12494
- seepage, building decay associated with, 16942
- throughfall for summer thunderstorms in juniper and pinyon woodland, Cibecue Ridge, Ariz., 6033
- traps, water for livestock, 14133
- tritium rainout over U.S., 10638
- see also* Precipitation.

Rain making, *see* Weather control.

Rainbow Bridge National Monument, Utah, general information, 6515

Rainbow which became related to Molniya color transmission over 80,000 kilometers, 4635

Rainey, A. Gerald, divergence characteristics of delta-planform canard controls, 7898

Rainfall, *see* Rain.

Rains, Norman M., relief, 8535, 14342, 16038

Raising a few cattle for beef, 12605

Raising small flock of sheep, 12600

Raisins, malathion-treated drying trays to protect from insects, 14111

Rakich, John V., hypersonic flow over flared bodies at incidence, 4958

Raleigh, N.C., area wage survey, 2301

Ralph M. Parsons Company, *see* Parsons, Ralph M., Company.

Ramelb, Benjamin A., relief, 392

Ramey, James W., television in medical teaching and research, 4319

Rampart, Alaska, probable maximum flood on Yukon River, meteorological conditions, 15420

Ramps, deflection angle effects on laminar boundary layer separation in hypersonic flow, 6454

Ramseier, René O.:
some physical and mechanical properties of polar snow, 8234
temperature dependence and mechanism of sintering, 15507

Ramseyer rule of proposed amendments to Peace Corps act, 14420

Ramseyer rule print of proposed Foreign Service act, amendments of 1965, 1858, 7139

Ran, Lim Ai, *see* Lim Ai Ran.

Ran, Lim Soo, *see* Lim Soo Ran.

Ranches:

- Arizona and New Mexico range cattle ranches, economic and operational characteristics, 5866
- western livestock—
grazing fees and permitted use of range-lands on incomes, effects of changes, 4279
- 1965, costs and returns, 14529

Rand, A. Stanley, aspects of ecology of iguanid lizard *Tropidurus torquatus* at Belem, Para, 14015

Rand, Robert L., nomination, hearing, 17573

Randall, K. A., address, July 27, 1966, 14623

Randle, Robert J., sextant sighting performance in measuring angle between stationary simulated star and stationary blinking light, 13822

Randolph, J. R., bibliography of hydrology of United States, 6042

Random excitation, *see* Noise.

Random processes, *see* Probabilities (mathematics).

Range conservationists, *see* Range-management specialists.

Range finders, radio, experience in working with, USSR study, 16482

Range finding, pulsed-sound, measurements by mean square and elliptical errors methods, accuracy of points determined, USSR study, 910

Range lands:

- Crow Creek Indian Reservation, inventory, 9031
- forbs, notes, 8142
- grasshopper control, hitting the hot spots, 15474
- grazing fees and permitted use on incomes of western livestock ranges, effects of changes, 4279
- helicopter fertilizing of foothill range, 17694
- northern New Mexico, lambing range, grazing effects, 13367
- publications, price list, 12458
- western range and livestock report, monthly, 3705

Range-management specialists:

- conservationist trainee, examination announcement, 1752
- managers, conservation occupations, 9224
- seasonal employment, information, 6274

Range residuals in VLF radar tracking, 15169

Ranger, *see* Spacecraft.

Rankin, John Elliot, Memorial Veterans Hospital, *see* John Elliot Rankin Memorial Veterans Hospital.

Rankine cycles:

- modified, steady-state performance using water, 6470
- space power systems, AIAA specialists conference, 12673

Ransom quadrangle, Pa., geology, 13397

Raphael, Pedro, relief, 15831, 17451

Raphaelson, Arnold H., Federal expenditures to States and regions, 13213

Rapid City, S. Dak.:

- District Court terms to be held—
law, 17130
- report, 17244

Rarefaction, effect on processes of gasdynamic friction during blowing or suction through wall adjacent to flow, 4997

Rarefied atmosphere, *see* Atmosphere.

Rarefied gases, *see* Gases.

Raschke, Ehrhard, tropospheric water vapor content and surface temperatures from TIROS IV radiation data, 16606

Rasetti, Franco, new Lower Cambrian trilobite fauna from Taconic sequence of New York, 12506

Rasmussen, Maurice L., damping in nonlinear oscillations, 16709

Rasmussen, W. C., Delaware water, 6039

Raspet, Rudolph, preparation of thermistor cables used in geothermal investigations, 9009

Rasters, parallel line, use to eliminate ambiguities in reading timing of pulses, etc., 15116

Rate computations, *see* Numerical calculations.

Rates, *see* Air carriers—Electricity—Freight rates.

Ratings:

- Army, readiness, REDCAT, REDCAPE, and REDCON, 9895
- Navy training publications for advancement, 9592
- peer, selection of officer candidates and cadets, research, 15525

rater differences in officer effectiveness reports, preliminary investigation, 90

Ratio and proportion, body cross section and width-height ratio, effect on performance of bodies and delta-wing-body combinations at Mach 6.9, 11047

Ratio pyrometers, *see* Pyrometers.

Rations, Army, pamphlet, 14214

see also Food for livestock.

- Rats:**
 avoidance response, effects of alcohol and drugs, 5315
 brain, nitrous exchange during action of pulse accelerations, USSR study, 16421
 exposed to ionizing radiation, study of fluorescent products in urine, 8212
 hydrazine effect on protein content of tissues in rat, 8202
 metabolic aspect of effect of altitude on d-amphetamine, 9876
 newborn, dorsal root ganglia in vitro following gamma irradiation, observations, 3796
 ratproofing vessels, standards, 5106
- Rauterkus, Thomas,** frequency analysis of Korotkov blood pressure sounds, 8209
- Raw materials:**
 AEC program, hearings, 10092
 agricultural, for industrial use, 8124
- Rawlins, Wyo.,** accident, 2139
- Rawls, Nancy V.,** establishing business in Liberia, 12779
- Ray, Edward J.,** transonic aerodynamic characteristics of tailless fixed-wing supersonic transport model, 7810
- Ray, John W.,** relief of estate, 12878
- Ray tracing in rising and falling ducts,** 1360
- Rayburn, Sam,** Memorial Veterans Center, *see* Sam Rayburn Memorial Veterans Center.
- Rayle, Warren D.,** ball lightning characteristics, 4935
- Rayleigh waves,** *see* Seismology.
- Rays (fishes):**
 general information, 4404
- Raza, Haider, and family,** relief, 12802, 13094
- Razak, Kenneth,** planform effects on low-speed aerodynamic characteristics of triangular, etc., wings, 9398
- Razner, Ronald,** magnetic control of flow of hot combustion gases in hydrogen-oxygen combustion at 14 atmospheres, 2425
- Re, Richard J.,** investigation at Mach numbers from 0.40 to 1.00 of model with wing having inboard sections cambered for Mach 1.2, 11054
- REA, *see* Rural Electrification Administration.**
- REA bulletins,** 1453, 6595
- Reaction heat,** *see* Heat of reaction.
- Reaction interface speed as reducibility index for iron ore,** 15028
- Reaction wheels:**
 use for satellite scanning small celestial area, 15184
 with brushless DC motor drive, 7724
- Reactions (chemical), *see* Chemical reactions.**
- Reactions (physiological), *see* Physiological reactions.**
- Reactor fuel elements,** determining heavy-isotope content, 8277
- Reactor fuels:**
 commercial plutonium fuels conference, 12678
 development programs, summaries, 5407
 nuclear fuel reprocessing, its role and responsibility (remarks), 16980
 nuclear fuels and materials development, 6861
 processing, review of recent developments, 3452
 selected measurement methods for plutonium and uranium in nuclear fuel cycle, evaluation, 6854
- Reactor power plants, *see* Nuclear reactor power plants**
- Reactor safety, *see* Safety of life.**
- Reactors (atomic):**
 aeroradioactivity survey and areal geology, Denver area, Colo., 12670
- Reactors (atomic)—Continued**
 Belyarsk atomic power plant type, use for dual-purpose desalinization systems, 2198
 boiling water reactors, hydrodynamic instabilities limiting power, 15530
 BONUS boiling nuclear superheater power station—
 project completion report, 15537
 startup summary report, 5383
 abstract, 8278
 Brookhaven high flux reactor, dedication (remarks), 8303
 build-up of radioactive corrosion products in pressurized-water reactor, effect of purification system, 10745
 built, being built or planned, U.S., 5408
 chromatographic separation for radiochemical water analysis, USSR study, 14552
 coaxial flow gas core, for radiant heating of seeded gas, 4943
 cooling and coolants, bibliography, 3989
 development program, AEC authorizing legislation, 1967, hearings, 8482, 10092
 explosion containment laws for nuclear reactor vessels, 2502
 facility operators, AEC guide for licensing, 3845
 fast breeder development program, reactor physics efforts required, 11440
 Federal item identification guides for supply cataloging, supplements, 2935
 gas-cooled experimental, radiological health manual, 5389
 gaseous-core nuclear propulsion system, effect of seeded propellant layer on thermal radiation in nozzle, analysis, 2415
 gaseous-fueled cavity, criticality calculations and analysis, 13707
 hazards, indemnity provisions of atomic energy act, amend—
 hearings, 15778
 law, 17135
 reports, 15913, 15926, 16135
 liquid-metal-cooled fast breeder reactors, primary piping flexibility analysis, 5388
 materials, review of recent developments, 3453
 nuclear power reactors, probabilistic methodology for safety analysis, 12684
 nuclear systems, coupled-core stability, 9421
 1000 MWe supercritical pressure nuclear reactor plant study, progress report, 161
 Plum Brook reactor, heat transfer analysis, 15165
 power reactor technology, review of recent developments, quarterly, 3335
 pulsed, literature search, 1684
 radiation damage surveillance of power reactor pressure vessels, 12430
 Radiation Effects Reactor, Georgia Nuclear Laboratories—
 components and sub-assemblies, 7747
 electrical insulation materials, 7746
 gamma spectrum measurements, 7745
 safety—
 literature search, 5402
 maintenance when working with fissionable materials, USSR study, 13541
 SNAP nuclear space reactor, principles and uses, 15551
 technology, 1965 selected reviews, 5409
 university research facilities, sign of times (remarks), 9935
 wheel-flow gaseous-core concept, 1244
 X-10, landmark of nuclear age (remarks), 14242
 zero power, ZPR-II, critical mass studies, 1263, 15167

Read, Ralph A.:
 windbreaks for central Great Plains—
 how to arrange and space trees and
 shrubs, 4487
 how to maintain new tree plantings,
 4489
 how to manage established plantings,
 4491
 how to prepare land and plant trees,
 4488
 how to protect them from damage, 4490
 how to select tree and shrub species,
 4486
 how to use trees to protect land and
 crops, 4485

Reading, Pa.:
 commodity transportation survey, produc-
 tion area series, 9952
 motor carrier accident, 13443

Reading:
 ability level, estimating from airman
 qualification examination general apti-
 tude index, 8199
 Civil Defense Office self-teaching mate-
 rials for reading fallout shelter survey
 printout, 17031
 improvement, training, Air Force manual,
 12616
 professional, guide for Navy and Marine
 Corps officers, 16750
 remedial reading in rural community ac-
 tion, 11860
 speed and power in high school, 11881
 teachers, advanced study, NDEA insti-
 tutes, summer 1966 and 1966-67—
 list, etc., 58884A
 manual, 5877
 we read, children's books and recordings,
 selected list, 16223

Reading machines, USSR, 12089

Reagan, John F., jr., relief, 8524, 14360

Reagents, porous glass makes effective sub-
 strate for ozone-sensing reagent, 2383

Real estate:
 acquire title, for construction of build-
 ings for postal purposes by Post Office
 Dept., authorize, hearings, 10370
 Federal surplus—
 acquisition for health and educational
 purposes, 9027
 disposal for public use, for private use,
 9005
 leased to U.S. throughout world, 10630
 leases by Post Office Dept., extend au-
 thority—
 hearings, 10370
 law, 17129
 reports, 12941, 13161, 16127
 living units, minimum property standards,
 2018
 interim revision, 14632
 minimum standards for multifamily hous-
 ing, 699
 owned by U.S. throughout world, 1965
 inventory, 7478A
 real property transferred by RFC to other
 Govt. departments, payment in lieu of
 taxes, extend, report, 17239
 remove cloud on title to property owned
 by John Johnson, 13093
 salesmen and brokers, employment out-
 look, 10864
 subdivisions sold through mails and in
 interstate commerce, prevent frauds,
 hearings, 16178
 title 1, property improvement loans, con-
 sumer bulletin, 13323
 Spanish edition, 8899
 VA rental property management, brokers'
 fees, report, 5650
 see also Farms—Mortgages.
 Real property, see Real estate.
 Reanimation, see Revivification.

Reapportionment:
 Virgin Islands, legislation, amend organic
 act—
 hearings, 15975
 law, 15729
 reports, 10138, 13166, 14394

Reasoning:
 dialectics—
 life and philosophical science, USSR
 study, 9093
 modern social development, USSR study,
 2147

Reaves, W. A., investigation of barrier coat-
 ings on graphic molds for casting titanium,
 6538

Rebellion in Russia's Europe, fact and fiction,
 585

Reber, Carl A., double-focusing magnetic
 mass spectrometer for satellite use, 6422

Recall (psychology):
 effect of context on recall of long verbal
 series, 16949

Receipts and expenditures, see Finance.

Receivables and bad-debt losses, 1700

Receivers (radio):
 automatic gain control circuit handles wide
 input range, 7765
 home-type and automobile, current indus-
 trial reports, 1732, 15586
 home-type radios, Federal item identifica-
 tion guides for supply cataloging, sup-
 plements, 2939
 protection from overload by interferences,
 USSR study, 975
 USSR all-Union scientific session devoted
 to radio day, 14941

Receiving clerks, occupations, employment
 outlook, 9274

Receptacles (electric):
 polarizing keys prevent mismatch of con-
 nector plugs and receptacles, 12296

Receptionists, employment outlook, 9268

Recipes:
 cheese in family meals, 9818
 fish—
 Florida, 14656
 Great Lakes, 746
 for Project Head Start centers feeding pro-
 gram, 7278
 money-saving main dishes, 11352
 Navy-Marine Corps recipe service, 5182
 pickles and relishes, 6747
 poultry in family meals, 6749
 quantity recipes for type A school lunches,
 61
 seafood, 13346
 heirloom recipes to treasure, 16299
 shrimp, can-vient ways, 13345

Reclamation Bureau:
 appropriations, 1967—
 amendment, 15784
 public works, hearings, 10229, 16173
 Columbia Basin project, employees, relief,
 5734
 dams, 16816
 irrigation operation and maintenance bul-
 letin, 3090
 library accessions, 3145
 press releases, 3402
 Region 1 employees, relief, 10106, 12803
 report 1965, statistical appendix, 5133
 project data, 6593
 research reports, 8010, 16817, 18088
 safety record (periodical), 3485
 transmission line construction practices,
 coordination, GAO report, 8984

Reclamation era, quarterly periodical, 3456

Reclamation of land:
 amend small projects act of 1956—
 law, 15732
 reports, 11626, 14400
 answering your questions about reclama-
 tion, 12493
 compensation in connection with reclama-
 tion projects, amend law—
 law, 17120
 reports, 12982, 16146

INDEX 1966

- Reclamation of land—Continued
 feasibility of proposals, Interior Dept. to investigate—
 hearings, 11810
 law, 15739
 reports, 13151, 17214
 Federal projects, 1965, crop report, 18087
 statistical appendix, 15317
 reclamation repayments and payout schedules, 1452
 strip and surface mining study in Appalachia report, 16379
 strip-mine reclamation, digest, 10614
 survival and early growth of planted forest trees on strip-mine spoils in anthracite region, 10600
 Reclamation projects, *see* Reclamation of land—*also* names of projects.
 Recognition (psychology):
 effect of context on recognition of long verbal series, 16949
 Recognition identification guide:
 aircraft insignia, foreign flags, code flags and pennants, 13901
 U.S. military aircraft, U.S. warships, 11158
 Recognition of voiceless fricative sounds from clipped speech signal, USSR, 4601
 Reconnaissance (aerial):
 image interpreters, selection battery, 9915
 Reconnaissance (geologic):
 Aurora area, St. Louis County, Minn., 7491
 beryllium-bearing pegmatite deposits in 6 Western States, 13682
 Reconstruction Finance Corporation transfer of real property to other Govt. departments, payment in lieu of taxes, extend, report, 17239
 Record books, *see* Records.
 Record players, *see* Phonographs.
 Recorders, *see* Flight recorders—Recording instruments.
 Recording instruments:
 automatic recording installation for meteorological data, East German study, 1039
 multi-pen recorder, disclosures on, 7921
 pricing of recorders purchased from Midwestern Instruments, Inc., by Air Force Dept., GAO report, 6020
 ultrasonic recording scanner used for non-destructive weld inspection, 11014
 see also names or types of instruments.
 Recordings, *see* Phonorecords—Sound recordings.
 Records:
 career opportunities, State Department, domestic and overseas assignments, 2574
 divorce, where to write, 5123
 documents and texts, domestic photographic papers for printing, USSR study, 14948
 Education Office handbook, standard filing system, 14557
 employers, kept under fair labor standards act, 9763
 Government departments, etc., disposition, reports, 504, 4089, 5633, 5639, 5667, 7082, 8606, 10118, 10168, 12947, 15836, 17210, 17224
 motor carriers and brokers, destruction, regulations governing, 6100
 National Archives, age and citizenship, 7906
 papers in Library of Congress—
 Carnegie, Andrew, 7680
 Sayre, Francis B., 7684
 public retention requirements, guide, 7416
 small stores, financial recordkeeping, 6602
 storage centers, high-expansion foam control, 8285
 vital, protection, 15622
 see also Medical records—Paperwork (office practice)—*also* subjects.
 Recovery zones, optimum and nonoptimum recovery sites, lateral-range and lift-drag-ratio requirements for return to both, definition, 11079
 Recreation:
 and mental retardation, 18071
 and public purposes act, amend, pertaining to leasing of public lands to States and their political subdivisions—
 law, 11566
 report, 11740
 camping visits to America's national forests and grasslands, 8153
 consumer information, price list, 2519
 dilemma of America (remarks), 16773
 equipment, Federal item identification guides for supply cataloging, supplements, 2939
 expanding America's outdoor estate, 15255
 facilities and services operated by FHA borrowers, 14541
 facilities on Federal lands and waters, non-Federal management, 9619
 Federal efforts to expand and develop opportunities by shifting cropland (remarks), 14152
 Job Corps manual, 10404
 loans for recreational enterprises, 8164
 opportunities in State of Washington, study team report, hearings, print additional copies, reports, 10195, 10291, 14399
 outdoor—
 areas and facilities, guides, 7978
 counties with projects under conversion program, 11344
 enterprises in rural areas, handbook, 5912
 Federal areas—
 Federal executive policy governing reporting use, 11175
 requiring entrance and user charges, 1966 directory, 11164
 Federal assistance available to States, their subdivision, etc., 11165
 Federal focal point, 16774
 Federal investment, guides, 9618
 Federal, questions and answers on fees, 9602
 fees, regulations, 13431
 for fun and profit, USDA helps expand, 16939
 grants-in-aid manual, 3303, 11162, 15253
 in National Capital region, 1303
 Nationwide System of Trails, etc., Government programs (remarks), 9603
 policy evolution (remarks), 15254
 private development, opportunities and limitations (paper), 10417
 private organizations providing assistance to individuals, organizations, public groups, directory, 11163
 rural male residents' participation, 4455
 outdoor recreation action, (periodical), 17981
 outdoors calling you? Government publications, list, 12456
 planners, success of campgrounds studied, 10568
 programs, changing intergovernmental and interagency relationships (remarks), 9601
 recreational open space priorities, 17946
 rural renewal loans for recreational development, report, 15916
 use estimate on complex of development sites, 16332
 water resource projects, uniform policies and cost allocation, report, 1832
 see also Boating.
 Recreation Advisory Council, circulars, 9618-19, 11175
 Recreation centers:
 children's summer lunch program, establish—
 hearings, 13030
 report, 8634
 Recreation, Sanitation and Safety Conference, proceedings, 8000

- Recreation workers, employment outlook, 9269
- Recreational areas and demonstration projects, Federal recreation areas requiring entrance and user charges, 1966 directory, 11164
- Recruiting and enlistment:
 accrued leave payments to reenlistees, improvement in administrative audit by Finance Center, Army, Fort Benjamin Harrison, Ind., GAO report, 2082
 Air Force recruiting service group, enlistment objectives based on aptitude and interest characteristics, 6807
 Air Force, validation of recruiter-salesman selection test, 8200
 Army Nurse Corps, general information, 5380
 Army recruiting & career counseling journal, 3457
 consolidation of field organizations and facilities, for recruiting military personnel, GAO report, 10622
 Federal, our commitments (address), 1759
 Recruiting for new partnership (address), 7318
- Rectifiers:
 feedback loop compensates for nonlinearity, 15112
 medium and high-power monocrystal, semiconductor, USSR studies, 13545
 single crystal semiconductor, medium and high power, East German study, 12136
 thin-film semiconductor, has improved properties, 4849
- Rectum, cancer, 7995
- Red alder, *see* Alder.
- Red cedar, *see* Cedar.
- Red Chinese blueprint, 5338
- Red Cross, International Committee, *see* International Committee of Red Cross.
- Red Dane cattle, *see* Cattle.
- Red fir, *see* Fir.
- Red flag (Chinese periodical):
 translations, 3588
- Red oak, *see* Oak.
- Red pine, *see* Pine.
- Red Poll cattle, *see* Cattle.
- Red River, N. Mex., climatic summary of resort area, 10447
- Red River and Valley, basin, water pollution control, comprehensive program, 17669
- Red Rock Lakes National Wildlife Refuge, general information, 14672
- Red Sea, lights and fog signals, list, changes, 2481, 9583, 13896, 17970
- Red tide, Bureau of Commercial Fisheries symposium, 4425
- Red Wing, Minn., railroad accident, 12074
- Red-winged blackbirds, *see* Blackbirds
- Redevelopment (city planning, etc.):
 area redevelopment—
 approved projects, directory, Area Redevelopment Administration, 2685
 creating conditions necessary for economic growth (address), 1767
 designing overall economic development programs (address), 323
 New England region (remarks), 5562
 Ozarks region (remarks), 5559
 upper Great Lakes (remarks), 5560
 Area Redevelopment Administration, technical assistance, cumulative report, quarterly, 3438
 areas eligible for financial assistance, maps, 8820, 16218
 areas, summary list, designation status report, 3552
 bonds or notes issued by local urban renewal or public housing agencies, incontestable in hands of bearer, opinion of Attorney General, 6248
 demonstration cities and metropolitan development act of 1966, reports, 13186, 15897, 17241, 17336
- Redevelopment (city planning etc.)—Con.
 Department of Housing and Urban Development, international programs, 840
 economically deprived redevelopment areas employing largest numbers of long-term unemployed (remarks), 12795
 housing and urban development act of 1966—
 hearings, 8659
 reports, 13188, 14388, 17202
 summary of House bills, 8664, 13023
 laws on urban development, compilation, 1847
 local public agency letters, 3164
 National Capital, 1966-2000, regional development guide, 15213
 National Citizens' Commission report of Committee on Urban Development, 13022
 new roles in redevelopment (remarks), 5203
 noncash grant-in-aid credits, policies and practices in approving claims, Renewal Projects Administration, GAO review, 17710
 public works and economic development act—
 broadened coverage, hearings, 14438
 facts, 16217
 redevelopment (periodical), 3458
 regional development, New England (remarks), 5558
 rural and urban planning, uses of air-photos, 11348
 separating storm and sanitary sewers in urban renewal report, 15847
 social aspect of urban development, seminar, 2624
 urban planning assistance program—
 project directory, 6685, 14761
 report, 3468
 urban planning studies, economic factors, 8109
 urban renewal—
 America, preserving historic sites, 12037
 directory, 3652
 manual, 3653, 5205
 New Jersey and Illinois projects, allocation of school facility costs, GAO report, 6002
 notes, 3654
 operations under title 1, Housing act of 1949, report, 3469
 program, housing and urban development act of 1965, changes incorporated, summary, 2109
 project characteristics, 9756, 15412
 rehabilitation, minimum property standards, 16272
 relocation assistance, report, 13155
 Redlinger, L. M., evaluation of 4 inert dusts for protection of shelled corn in Georgia from insect attack, 14109
 Redmon, Henriette L., relief, 17424
 Reduction of Nonessential Federal Expenditures, Joint Committee, committee prints, 2639-40
 Reduction roasting-acid solution techniques in processing Minnesota manganiferous ores, 10918
 Redwood:
 old-growth cuttings, natural regeneration, 10581
 2d-growth, strength and related properties of randomly selected sample, 8969
 Redwood National Park, established, hearings, 14490, 16189
 Reed, J. E., induced recharge of artesian glacial-drift aquifer at Kalamazoo, Mich., 13416
 Reed, J. L., UH-1D aircrew armored seat crash, survival analyses, 139
 Reed, Louis S.:
 Blue Cross and Blue Shield plans, 1964 finances, 5145
 enrollment of Blue Cross and Blue Shield plans, 1964, 1469

INDEX 1966

- Reed, Louis S.—Continued
 extent of health insurance coverage in
 United States, 6612
 independent health insurance plans, 15331
 national health expenditures, 2566
- Reed, Sarah R., continuing education for
 librarians, conferences, workshops, and
 short courses, 8838
- Reed, Sherwood C.:
 performance study of DEW line ice cap
 stations, Greenland, 14211
 spread footing foundations on snow, 14212
- Reels:
 automatic, controls filler wire in welding
 machines, 11028
 expandable takeup, facilitates paper tape
 removal, 15129
- Reemployment leave, *see* Leave of absence.
- Reemployment of veterans, *see* Veterans.
- Reenlistment, *see* Recruiting and enlistment.
- Reentry into atmosphere, *see* Atmospheric
 entry.
- Reentry vehicles, *see* Spacecraft.
- Reeves, Robert G., geology and mineral re-
 sources of Monlevade and Rio Piracicaba
 quadrangles, Brazil, 12018
- Referativnyy zhurnal, kibernetika (periodi-
 cal):
 excerpts, translations, 10732, 10782, 12161
- Referees in bankruptcy:
 prohibit from acting as trustee or re-
 ceiver—
 law, 10065
 report, 4098
- Reference books, PACAF basic bibliography,
 1619
- Reference data system, *see* National stand-
 ard reference data system.
- Refineries, *see* Petroleum refineries.
- Refining, *see* Smelting.
- Reflection, uniform vacuum ultraviolet re-
 flecting coatings on large surfaces, 7873
- Reflection (light), *see* Albedo.
- Reflection (sound), *see* Sound.
- Reflectors, reflective insulator layers sepa-
 rated by bonded silica beads, 6396
see also Solar reflectors.
- Reflexes:
 conditioned defense, electroencephalo-
 graphic changes under effect of tran-
 quilizers, USSR study, 948
 responses, USSR studies, 1010
- Reformatories, training needs in correctional
 institutions, 12197
- Refraction:
 experimental measurement of optical an-
 gular deviation, cause, 11065
 investigation of radio wave refraction in
 lower layers of atmosphere at low an-
 gles of elevation, USSR study, 4612
 radio meteorology, 7917
 radio waves in ionosphere, measuring by
 signals from artificial earth satellites,
 USSR study, 12192
 sound, by jet flow or jet temperature,
 10960
see also Anisotropy—Atmospheric refra-
 ction.
- Refractory materials:
 improved thermal insulation materials
 made of foamed refractory oxides, 13730
 minerals, census of mineral industries,
 1963, industry statistics, 12702
 nitride refractories produced by alumin-
 otroilicothermal method, USSR study,
 12191
 protective coating for intricate graphite
 elements in high-temperature hydrogen
 atmosphere, 9452
 refractories, current industrial reports,
 2818, 12722
 solar-energy device for testing, USSR
 study, 16434
see also names of materials.
- Refractory metals, *see* Metals.
- Refrigerated storage warehouse, *see* Ware-
 houses.
- Refrigeration and refrigerating machinery:
 commercial forced-air precooler, prototype,
 3732
 equipment, current industrial reports, 5472
 equipment, Federal item identification
 guides for supply cataloging, suppl-
 ements, 2935
 industrial plant equipment handbook,
 17606
- Refrigeration mechanics, *see* Mechanics
 (persons).
- Refugees:
 Cuban—
 adjustment of status, hearings, 14430
 problem, hearings, 13222, 14494
 Cuban and others, assistance, appropri-
 ations, 1967—
 hearings, 13014, 17568
 reports, 15915, 16159, 17263
 problems, investigation authorization, re-
 port, 4196
 South Vietnam and Laos, problems, hear-
 ings, 1947
 South Vietnam, problems, report, 7177
 Vietnam, India, and Hong Kong, prob-
 lems, report, 14389
- Refuges, *see* Wildlife refuges—*also* names of
 refuges.
- Refunds of taxes, *see* Tax refunds.
- Refuse:
 coal mine, ignition and control of burn-
 ing, 9379
 collection, need for reappraisal of task
 system assignments, Department of
 Sanitary Engineering, D.C. Government,
 GAO report, 2083
 national status on control of garbage-
 feeding, 3240
- Regan, Danny M., ecology of Gila trout in
 main Diamond Creek in New Mexico,
 14679
- Regeneration (biology):
 algal systems, 8211
 endocrinological research, problems, USSR
 study, 7585
 recuperation following 55 Mev proton ir-
 radiation, 5335
- Regional action planning commission, estab-
 lish, facts, 16217
- Regional requirements for sewer pipe in
 sewerage utilities, 5435
- Registers:
 Air Force—
 departmental edition, 5309-10
 document edition, 5602-3
 Army—
 departmental editions, 11409-410, 12666
 document editions, 11601-602, 12850
 Army Materiel Command, register of ap-
 proved recurring reports, 111-112, 3810,
 8261, 11390
 Army National Guard, 13873
 Army Supply and Maintenance Command,
 approved recurring reports, 3830
 civil aircraft, United States, 8889, 16270
 Coast Guard, 5538
 Coast Guard Reserve, 6992
 Federal register, 2956
 codification guide, list of CFR sections
 affected, 2958
 index, 2957
 foreign aid, voluntary agencies, 6077,
 10692
 Hill-Burton projects, 3041
 Justice Department and courts of United
 States, 10837
 microform masters, 2307, 9345
 Military Academy, West Point, 9355
 national union catalog, register of addi-
 tional locations, 9346
 Naval Academy, Annapolis, 13891
 Naval Reserve officers, 7965
 Navy and Marine Corps officers—
 departmental edition, 11152

Registers—Continued

- Navy and Marine Corps officers—Con. document edition, 10099
- papers in Library of Congress—Carnegie, Andrew, 7680
- Sayre, Francis B., 7684
- State Dept., biographic, 12520
- Registration, emergency welfare registration and inquiry, manual, 17024
- see also* subjects.
- Regression (statistics) :
 - full regression equations vs. aptitude area scores in allocation of enlisted men, 8275
 - multiple linear regression analysis of officer career attitudes, 3790
- Regression coefficients, *see* Coefficients.
- Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.
- Regulations and Interpretative bulletins, 14962
- Regulators, dual, controls 2 gases from single reference, 9474
- Regulatory agencies, *see* Government offices.
- Regulatory announcement, Fish and Wildlife Service, 14673
- Rehabilitation :
 - burned watersheds in southern California, emergency revegetation, 10605
 - urban renewal areas, minimum property standards, 16272
- Rehabilitation of criminals, Federal prisoners, facilitate rehabilitation through work release, etc., hearing, 584
- Rehabilitation of the disabled :
 - alcoholism and vocational rehabilitation, proceedings of workshop, 15415
 - characteristics and trends of clients rehabilitated, 1961-65, statistics, 6691
 - counseling personnel, qualified, State vocational rehabilitation agencies, increase supply, guidelines for action, 6692
 - education, sound basis (remarks), 9202
 - facial disfigurement, rehabilitation problem, conference, 9758
 - facilities on college campuses, 14556
 - medical—
 - Public Health Service, new program, 15287
 - report of National Advisory Community Health Committee to Surgeon General, 18061
 - medicine and medical practice for rehabilitation counselor, survey, 12554
 - psychological aspects of disability and rehabilitation, 9759
 - rehabilitation record (periodical), 3463
 - rehabilitation service series, 2622, 5216, 9760
 - restoring disabled people to jobs and useful living, 1856
 - simulator effects partial gravity conditions of patients in rehabilitation exercises, 13774
 - State salary ranges of positions, 10657
 - State vocational agencies, caseload statistics, 1965 and trends since 1961, 1528
 - veterans, seriously disabled, additional time for training, amend U.S. Code, report, 1827
- vocational—
 - expansion grants to increase rehabilitation of handicapped, 11308
 - new development (remarks), 9203
 - public program, 7499
 - staff, training guide in case load management, 2622
 - staff, training guide in evaluation of vocational potential, 5216
 - State salary ranges, 836
 - training materials and aids, development and use, 9760
- vocational rehabilitation act, amend—
 - law, 434
 - report, 17271
 - text, 12555

- Rehabilitation of the disabled—Continued
- Vocational Rehabilitation Administration—
 - advisory groups, 14068
 - research fellowship program, description of program and procedures for applying for predoctoral, postdoctoral, special fellowships, 1530
- Reif, Joseph A., Hebrew, basic course, 8061
- Reifsnnyder, William E., radiant energy in relation to forests, 1609
- Reilly, Harry J., heat-transfer analysis of Plum Brook reactor, 15165
- Reinforced concrete, *see* Concrete.
- Reinforced plastics, *see* Plastics.
- Reinforcement core facilitates O-ring installation, 2397
- Reinhardt, Gustav, cold consolidation of metal plus dispersoid blends for examination by electron microscopy, 12368
- Reinhold, R. O., Hot Springs National Park, Ark., 11900
- Reinhold, AIC 58 D, lunar chart, 87
- Relampagos, Gloria A., relief, 17450
- Relativity (physics) :
 - cosmology without general relativity, 6423
- Relay, *see* Satellites.
- Relays, *see* Electric relays.
- Releases, *see* name of office issuing releases.
- Reliability (mechanical) :
 - design goal development from small sample, 16628
 - electronic equipment, stress and failure rate data, military standardization handbook, 10394
 - electronic, research on failure free systems, final report, 2364
 - reliability and maintainability training handbook, 2552
 - reliability physics notebook, 8201
- Relief work :
 - disaster communications, FCC rules and regulations, 2924
 - disaster relief act of 1965—
 - hearings, 1865, 14437
 - report, 15934
 - disasters—
 - Federal assistance, guide, 4322
 - message from the President, Federal funds, status and summary of allocation to States, etc., 11605
 - Southeast hurricane disaster relief act of 1965—
 - hearing, 527
 - law, 439
 - report, 554
- Religions :
 - and ideology problems in USSR, 13586
 - antireligious propaganda in Kara-Kalpak ASSR, 9068
 - Communist exploitation of religion, hearing, 11815
 - Communist Party and Soviet government's attitude, 7601
 - religious vestige in Kirgiziya, 6113
 - status of church and state under Communism—
 - Communist China, 7220
 - Hungary, Czechoslovakia, German Democratic Republic, 7219
 - North Korea and Democratic Republic of Vietnam, 8780
 - Turkmen folklore, anti-religious motifs, 13510
- USSR—
 - atheistic work in sphere of religious emotions, 937
 - belief, critical articles, 895
- Religious activities :
 - District of Columbia churches, prohibit intimidation, etc., of persons officiating or attending, report, 12984
 - Kurdish people of USSR, translation, 14801

- Religious activities—Continued
 - Marine Corps lay leader's handbook, 7685
 - overcoming religious vestiges in USSR, 17774
- Religious education, anti-religious education of Russian-language students in classes 5-8 with use of folklore, 7581
- Religious liberty, enforcement of 1st amendment to the constitution, report, 13164
- Relishes, *see* Pickles and relishes.
- Relocation, *see* Eminent domain.
- Relocation (housing), *see* Redevelopment (city planning, etc.).
- Rembrandt Harmens Van Rijn, etching technique, 9566
- Remedial reading, *see* Reading.
- Remote control:
 - handling of mobile nuclear systems, 5410
 - system couples and decouples large diameter pipes, 12317
- Remote preamplifier circuit maintains stability over wide temperature range, 16646
- Renal diseases, *see* Kidneys.
- Rendezvous (space):
 - orbital rendezvous and transfer problems, computational method, 13823
- Rendler, N., hole-drilling strain-gage method of measuring residual stresses, 1372
- René 41, fatigue under constant and random-amplitude loading at room and elevated temperatures, 1256
- Renegotiation, *see* Government contracts.
- Renegotiation act of 1951, *see* Government contracts.
- Renegotiation Board:
 - annual report, 12496
 - appropriations, 1967, hearings, 8651, 13193
 - regulations, 11210
 - renegotiation act of 1951—
 - as amended, 18089
 - extend—
 - law, 12819
 - reports, 11617, 12909, 16071
 - rulings, 15318
 - rulings and bulletins, index, 15318
- Renewal Projects Administration, policies and practices followed in approving claims for noncash grant-in-aid credits, GAO review, 17710
- Renaissance, medical symbolism in books, 12395
- Reno County, Kans., soil survey, 14022
- Renovizing:
 - businessmen speak out for modernization, 8312
 - industrial, aids to modernization, Government services, guide, 1690
 - modernization of VK-100-2 LMZ turbine, results, USSR study, 2227
- Rent:
 - minimize delinquencies on acquired properties, FHA, GAO report, 4499
 - supplement assistance, FHA regulations, 16273
 - supplement payments program, appropriations, 1966, supplemental, proposal, 5608
 - supplement program, public information guide and instruction handbook, 11923
- Rental housing, *see* Housing.
- Rental housing insurance, *see* Mortgage insurance.
- Reorganization of Government activities, *see* Government reorganization plans.
- Repair parts:
 - aircraft—
 - approved, and supplemental type certificates, summary, supplements, 3563
 - Army, grounded because of lack of required parts, GAO report, 805
 - census of manufactures, 1963, industry statistics, 6913
 - certification procedures for products and parts, Federal aviation regulations, 686, 4354, 5917, 7350, 16258
- Repair parts—Continued
 - automotive service and repair equipment in Sweden, foreign market survey, 175
 - military aircraft, FAA use of available parts, GAO report, 8985
 - procurement of spare parts by Marine Corps, GAO report, 10619
- Repair shops, equipment, Federal item identification guides for supply cataloging, supplements, 2934
- Repair stations, *see* Aircraft repair stations.
- Repairing:
 - clothing repairs, 39
 - repairs and utilities, Army pamphlet, 12655
 - single-family properties acquired through mortgage insurance programs, FHA practices, GAO review, 12005
 - see also* subjects.
- Repairmen, *see* Mechanics (persons).
- Repairs, *see* Repairing.
- Repairs and utilities, petroleum, oils, and lubricants (POL), 3831
- Replication, *see* Variance analysis.
- Reporters and reporting:
 - newspaper reporters, employment outlook, 9254
 - Turkish journalist's notes on unknown Albania, 12190
- Reports:
 - standards of statistical presentation, Army pamphlet, 9894
 - to be made to Congress—
 - discontinue or modify requirements—
 - law, 448
 - report, 491
 - list, 4062
 - U.S. Government, popular names, catalog, 16546
 - see also* names of departments, etc., issuing reports—*also* subjects.
- Reproduction:
 - cattle, influence of environment, 5268
 - natural regeneration in old-growth redwood cuttings, 10581
 - rooting cuttings of browse plants, 4458
- Republic of China, *see* China.
- Republic of Congo, *see* Congo (Brazzaville)—Congo (Léopoldville).
- Republic of Korea, *see* Korea.
- Republic of Philippines, *see* Philippines.
- Republic of South Africa, *see* South Africa.
- Republic of Sudan, *see* Sudan.
- Republic of Vietnam, *see* Vietnam.
- Republican Leadership, Joint Senate-House, *see* Joint Senate-House Republican Leadership.
- Republican Party:
 - reports—
 - 89th Congress, 1st session, supplement, 539
 - 89th Congress, 2d session, 17405
- Republican Policy Committee, Senate, staff study, 14451
- Reque, Robert R.:
 - Court of Customs and Patent Appeals—
 - customs cases adjudged, etc., 13241
 - patent cases adjudged, etc. 16204
- Requisitions:
 - MILSTRIP, military standard requisitioning and issue procedures—
 - manual changes, 4258, 7267, 10395, 14520
 - supplement, 11854
- Rescue equipment and appliances, Federal item identification guides for supply cataloging, supplements, 2934
- Rescue operations, *see* Rescue work.
- Rescue work:
 - firefighting and rescue operations, Army technical manual, 15515
 - sea rescue operations with use of buoyant Stokes litter assembly, 4856

Research :

dogs, cats, and other animals used for research, etc., regulate transportation, sale, and handling—
hearings, 7108, 13200
law, 15726
reports, 8604, 8611, 11775, 13008
education, research and development and United States balance of payments (remarks), 16885
external research lists, 2576, 11247-251, 12522
facilities construction, Public Health Service grants and awards, 6491
Federal expenditures for research and related activities abroad, cutting to plug dollar drain, report, 8621
Federal foreign spending and dollar drain, hearings, 7145
Federal programs, conflicts with goals for education—
academic communities, etc., responses to inquiry, print additional copies, reports, 10200, 10206, 17473
hearings, print additional copies, report, 10207
Federal research and development programs, decision making process—
hearings, 5694
report, 12920
Federal research and development reports, Government-wide index, 3025, 12759
fellowship program, Vocational Rehabilitation Administration, description of program and procedures for applying for predoctoral, postdoctoral, special fellowships, 1530
funds, State agricultural experiment stations and other State institutions, 5836
invitation to industrial corporations and professional organizations to join in research, 6475
naval, reviews (periodical), 3248
research and development Federally financed, investigation and study, authorization, report, 4182
research and development, Government reports, abstracts, 3630, 12760
Government-wide indexes, 3025, 12759
research, development and test facilities, Navy design manual, changes, 1569
research profiles, 1312-19, 2461, 5034, 15301, 16809, 18072-74
review of selected Government research and development reports, 1295-96, 6476, 7918, 11093-95, 15208
symposium, 16810
universities, Government supported, administration, 11449
USSR, new academic city in Siberia is focus, 16458
womanpower, shortage or surplus? assessment in Boston, conference report, 16912
see also Military research—Scientific research—*also* names of departments, etc., doing research—*also* subjects.

Research analysts :
operations, examination announcements, 6977, 12749
social insurance, examination announcements, 6962, 10001

Research and development reports :
Atomic Energy Commission, 142-161, 1674-85, 3846-53, 5382-5417, 6851-68, 8276-97, 9917-28, 11411-440, 12668-685, 14236-237, 15526-539, 16970-976
Coal Research Office, 312
Research and statistics legislative notes, 1469-72
Research and statistics notes, 2565-67, 5145, 6609-11, 8027, 9657-58, 11230, 12513, 15331, 18101
Index, 9653

Research Conference in Pulmonary Diseases, transactions, 14065
Research institutes, Hungary, training of specialists and skilled workers, 4669
Research laboratories, orbiting, medical aspects, Space Medicine Advisory Group study, 15079
see also names of laboratories or places where located.

Research Management Advisory Panel, report, 13060

Research notes, Forest Service, 788-792, 2058-73, 4439-60, 5975-89, 8954-67, 10563-589, 13357-369, 14699-711, 16323-335, 17683-696

Research papers, Forest Service, 793-801, 2074-78, 4461-76, 5990-97, 7461-62, 8968-77, 10590-610, 11994, 13370-373, 14712-716, 16336-339, 17697-704

Research parks, research park, is it for your community? 7273

Research reports :
Arms Control and Disarmament Agency, 8227
available from Clearinghouse for Federal Scientific and Technical Information, 3529
Cold Regions Research and Engineering Laboratory, 116, 1635-37, 3815-16, 5344, 6830-33, 8233-43, 9887-89, 11395-396, 12649, 14210, 15505-510, 16956
Fish and Wildlife Service, 17676
Lake Survey, 9339-40
price lists, selective bibliography of Government reports, 3989
Reclamation Bureau, 8010, 16817, 18088
Social Security Administration, 6612
index, 9653
Waterways Experiment Station, 10442

Reserpine, therapy in cerebral edema, 3795

Reservations, *see* names of reservations.

Reserve components of Armed Forces :
construction appropriations, 1967 reports, 15908, 17311, 17513
enlisted members, credit inactive service in computing retired pay, reports, 11627, 15858
facilities, construction authorization, 1966, report, 17199
facilities, construction authorization, 1967—
hearings, 11644, 11789
law, 15745
reports, 10306, 12967, 15881
Judge Advocate legal service, Army, pamphlet, reserve component information, 124
physicians' appointment and residency consideration program, information bulletin, 8812
reemployment rights, protect—
hearing, 5683
report, 5673

Reserve forces bill of rights and vitalization act—
hearings, 15962
report, 17225
retired pay, limit revocation—
law, 17139
reports, 12936, 17511
see also National Guard.

Reserve Officers' Training Corps, Army :
scholarship program, Army ROTC, investment for your future, 3824
selection of officer candidates, research, 15525

Reservoirs :
Columbia River basin, storage in major power reservoirs, monthly report, 3543
fish-rice farming, 4402
oil, partly depleted, repressured with gas, material balance equation, derivation and application, 9383

- Reservoirs—Continued
outlet works, Shelbyville Dam, Kaskaskia River, Ill., hydraulic model investigation, 11897
Pacific Northwest, month-end storage in major reservoirs, 3543
sound suppressor system, liquid behavior, 4921
Residence and migration of college students, fall 1963, state and regional data, 8851
Residences, *see* Houses.
Resident physicians, *see* Physicians.
Resident youth worker for duty in Job Corps conservation centers, 15634
Residential construction, *see* Building.
Resins:
chelating, reusable, concentrate metal ions from highly dilute solutions, 17909
epoxide, plastic physical properties, effects of curing agent structure, 2499
epoxy-coated containers, opened by wire band, 9481
filament-wound composites, microvoids, origin and removal, 2494
glass-resin composites, surface chemical aspects, 2494
infrared spectra, materials developed since 1954, 16766
initiation of failure mechanisms in glass-resin composites, 15039
materials, U.S. production and sales, preliminary report, 3337
silicone, phenolic, and epoxy base heat-shield materials, evaluation, 17914
systems, thermoplastic and phenolic, cross-linking, thermal and mechanical properties, bibliography, 10396
white pine—
crystallization induced by white pine cone beetle, 4442
insect induced crystallization, 4441
see also Naval stores—Oleo-resins.
Resistance, *see* Electric resistance.
Resistance thermometers, *see* Thermometers.
Resistors, *see* Electric resistors.
Resolutions:
digest, 2855
history, 2782
see also Law—Senate bills.
Resolving power, radio telescopes and radio interferometers, conditions affecting, USSR study, 1036
Resonance:
charge exchange cross sections in nitrogen and argon, measurements, 4980
concept in systems of linear and nonlinear ordinary differential equations, 1282
multicolor stroboscope pinpoints resonances in vibrating components, 10117
see also Magnetic resonance—Nuclear magnetic resonance.
Resonators, microwave cavity, open-ended, use for liquid-hydrogen density measurements, 17930
Resort areas, climatic summaries, 5898-99, 10447, 11900
Resource bulletins, Forest Service, 2079-80, 4477-80, 5998-99, 7463, 10611-612, 11995-996, 14717-720
Resource publication (series), 2045, 7439-40, 10537, 11977, 14674, 16311-213, 17677
Resource status reports, Sports Fisheries and Wildlife Bureau, 765-766
Resources, *see* Natural resources.
Resources survey for Latin American countries, 5155
Respiration:
cardiovascular responses of mammals to apnea, 8214
developments, USSR study, 963
effect of gas density on work of breathing in man, 8216
external, functional during circulatory insufficiency, USSR study, 985
gas masks for respiratory protection against amines, 13681
Respiration—Continued
measurement, programed notebook for nursing assistants, 13995
neonatal adaptation, conference, proceedings, 18062
oxygen-helium mixtures at low atmospheric pressures, verbal communication intelligibility, 8205
peculiarities of gas exchange studies under rarefied atmospheric conditions, USSR study, 1023
physiology and pathology, USSR 1964 scientific research, 6119
water loss, effects of resuced barometric pressure, 6814
Respiratory equipment, *see* Breathing apparatus.
Respiratory organs, chronic respiratory disease, growing menace, 12461
Respirometers, plant respirometer enables high resolution of oxygen consumption rates, 16629
Responses (psychology):
human response to sustained acceleration, 10978
reflex, USSR studies, 1010
Rest:
bedrest effect on physiological function, 9390
effects of—
moderate physical exercise during 4 weeks of bed rest on circulatory functions in man, 8204
9-alphafluorohydrocortisone on dehydration due to prolonged bed rest, 8206
lower body negative pressure influence on level of hydration during bedrest, 9863
recumbency and activity, effects on orthostatic tolerance, 11378
Restaurants, lunchrooms, etc.:
bibliography, 1459
food service equipment, commercial & institutional, export market, 12776
meat purveyors, improved methods and facilities for custom service houses, 12608
occupations, employment outlook, 9311
Restivo, Gluseppina, *see* Bellizia, Josephine A.
Reston, Va., dedication (remarks), 10665
Restoration, restorative processes and hormones, Soviet book, introduction, 10759
Restore man, national health goal, 18075
Restraint apparatus:
hinged bellows, high load capacity, 1217
universal bellows joint restraint permits angular and offset movement, 2390
Resuscitation, USSR clinical study, 7628
Retail credit, and collections, bibliography, 15324
Retail prices, *see* Prices.
Retail stores, *see* Stores.
Retail trade:
Alaska, 1963, special census report, 6886
census of business, 1963—
area statistics, 185-192, 3875-76, 5438, 6883, 9946-49
advance reports, 2737
legal form of organization, 195
major retail centers, area statistics, 184, 1698
single units and multiunits, 194
subject reports, 193-196, 8325
current retail trade reports, 2820, 14279
employee earnings, summary release, 14984
employment of full-time students at special minimum wages, regulations, under fair labor standards act, 14072
merchandising and promotion, bibliography, 12504
merchant and consumer, partners in prosperity (address), 5090
minimum wage and maximum hours, study, 5224

Retail trade—Continued

Puerto Rico, minimum wage rates for newly covered employment, data, 5217, 5225
retailing, bibliography, 11220
sales, 14279
starting and managing small retail drug-store, 9645
see also names of commodities and industries.

Retainers, *see* Ball-bearing retainers.

Retaining walls, ice-soil retaining structures, calculations, 11891

Retina:

eclipse burns in humans and laboratory threshold measurements in rabbits, 12634
electrophysiological investigations, USSR study, 14887
perception of red and green at various retinal positions, effect of luminance, 13662
whole, removal technic, 12644

Retired officers, *etc.*:

Air Force guide for retired personnel, 5308
relief, claims for increased retired pay—law, 8471
report, 1923
see also Armed Forces.

Retired pay, *see* Pensions.

Retirement:

early retirement, provisions of State and local government systems, 6610
Federal credit for service with North Carolina, hearing, 11677
how to plan for successful and happy retirement, questions and answers, 1570
Marine Corps, guide, 17827
old-age beneficiaries, experience, 8022
old-age benefits for workers retiring before 65, 1470
public employee systems, benefits and beneficiaries, 9657
self-employed individuals, deduction for taxable year 1964, Treasury Dept. report, 14445
social security—
benefits, you don't have to retire completely to get them, 15327
rights and responsibilities of recipients, 2568
State and local governments employee-retirement systems, 1964-65, finances, 3934
see also Armed Forces—Civil service pensions—Judges—Pensions—Railroad employees.

Retorts:

brazing retort manifold design concept may minimize air contamination, *etc.*, 15101
gas-combustion oil-shale retorting process, Mines Bureau development, 10908
Retractors, compact, protects cabling loops, 4855

Reukema, Donald L., seasonal progress of radial growth of Douglas-fir, Western red-cedar, and red alder, 4472

Reusable chelating resins, concentrate metal ions from highly dilute solutions, 17909

Reuss, Henry S., off dead center, some proposals to strengthen free world economic cooperation, 1793

Reuss, M. L., nonreciprocal circular polarizer, 1361

Revegetation, *see* Forage plants.

Revenue:

carload waybill statistics, 1963—
agricultural products, 7532, 7535
animals and products, 6081
forest products, 6083
manufactures, *etc.*, 7531
mileage block progressions by commodity groups and classes, 10695

Revenue—Continued

carload waybill statistics, 1963—con.
mine products, 7533, 7536
State-to-State distribution, all commodities, 6080
territorial distribution, traffic and revenue by commodity classes, 6084
District of Columbia, provide, hearings, 1936, 7131
see also names of articles, *etc.*, from which revenue is derived.

Revenue agent, career in professional accounting, 4568

Revenue officer, 4569

Revenues and classes of post offices, 2511

Revised statutes of U.S., *see* Codes of law.

Revivification:

reanimatology, excerpts from Russian-language book, 10710
surgery, reanimation in, USSR study, 4657

Revolution, American, Bicentennial Commission, *see* American Revolution Bicentennial Commission.

Revolutions, social, in Vietnam, Americans as quiet warriors supporting, 10691, 11253

Revolving funds:

authorizing funds, 578
Indian loan fund, amend law, report, 16125

Indian loans to procure assistance before Indian Claims Commission, increase authorization—

law, 17107
reports, 14393, 17483

legislation authorizing appropriations and establishing revolving funds, 1886

Small Business Administration—

increase, law, 435
separate, establish, hearings, 4211

Rewards (prizes, *etc.*):

acceptance of Business Speaks award on behalf of President Johnson (remarks), 1521

AEC citation for outstanding service to Gale, Fred E. (remarks), 168

Alfred P. Sloan radio-TV awards for highway safety, presentation (remarks), 10036

awards to Croatia science workers explained by committee, 10806

Bulgarian inventors and efficiency experts, awards, 14951

citation of appreciation to James G. Patton (remarks), 9836

Commerce Dept., honor awards program, 5546

Department of Defense incentive awards program, 9882

Enrico Fermi award, 1966 (remarks), 15545

Hungarian Academy of Sciences—

academic awards and degrees, directive, 16481

awards, 6169

Lenin prizes, 1966—

science and technology, recipients, 9172
works entered in competition, 1064

Mendeleyev Society, 1965 chemistry prizes, winners, USSR, 14930

national community fallout shelter design competition awards, 5514

National Guard Association trophy, Pershing trophy, National Guard (State) trophy, announcement of winners, 12389

President's E award for export excellence—

flag-raising ceremony—
Douglas Aircraft Company, Inc. (remarks), 8434

West Penn Power Co. (remarks), 352

INDEX 1966

- Rewards (prizes, etc.)—Continued
 President's E award for export excellence—Continued
 presentation to—
 American Creosote Works Inc. (remarks), 12787
 Bell & Howell Corp. (remarks), 10034
 Clinton Engines Corp. (remarks), 10035
 Cornelius Co. (remarks), 10043
 Honolulu Iron Works (remarks), 12793
 Ling-Temco-Vought, Inc. (remarks), 12791
 Oshkosh Motor Truck, Inc. (remarks), 11525
 Paul Masson Vineyards, 327
 USDA's cost reduction awards ceremony (remarks), 9837
 Reynolds, Hudson G.:
 slash cleanup in ponderosa pine forest affects use by deer and cattle, 13366
 use of, ponderosa pine forest in Arizona by Arizona by elk, deer, and cattle, 13368
 use of ponderosa pine forest in Arizona by deer, elk, and cattle, 13365
 Reynolds, R. R., 1965 harvest, Crossett farm forestry forties, 10589
 Reynolds, Thaine W., free-molecule flow with surface diffusion through cylindrical tubes, 4962
 Rheinfurth, Marlo H., new approach to explanation of flutter mechanism, 4906
 Rhenium:
 alloys—
 dilute tungsten, mechanical properties, 16654
 USSR study, 6222
 layers, thick and reguline, electrolytic deposition, USSR study, 929
 minerals yearbook chapter, 15032
 seamless tungsten-rhenium tubing, fabrication, 11428
 tensile behavior of tungsten crystals with rhenium in dilute solid solution, 4937
 Rheogoniometers:
 duty-free entry for—
 Case Institutes of Technology, 17185
 Tufts University 17187
 duty-free entry report, 17332
 duty free treatment, reports, 16130, 17332
 Weissenberg, duty-free entry, 389, 542
 Rheumatic fever:
 factors influencing prophylaxis behavior, 2527
 National Heart Institute, review of research grants, 18076
 selected references, 18070
 Rheumatic heart disease, *see* Heart disease.
 Rheumatism:
 arthritis and rheumatic diseases abstracts, 2693
 health information series, 2529
see also Arthritis.
 Rheumatoid arthritis, adults in U.S., 15308
 Rhizobium, relation to alfalfa sickness in eastern Washington, 6709
 Rhoads, F. J., modal interference of very-low-frequency radio waves, 6554
 Rhode Island:
 bus taxation proration compact, consent of Congress, law, 414
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14254
 county business patterns, 14266
 electric rate book, 720
 ground water availability, upper Pawcatuck River basin, 17730
 landings, fish and shellfish, 3480
 1965 annual summary, 8935-36
 life tables, 18047
 medical assistance for the aged, under social security act, 11905
 Rhode Island—Continued
 population, special census, 3931
 postal map, 13934
 Southern Rhode Island Soil and Water Conservation District, pond provides campsite and fishing (colored poster), 9699
 women, equal pay, 1965 laws, 5240
 Rhodes, Cecil A., relief, 15803
 Rhodesia:
 mineral industry, minerals yearbook chapter, 7702
 southern—
 background notes, 16853
 economy, basic data, 342
 Rhodium:
 disposal from national stockpile—
 hearing, 10325
 law, 10071
 reports, 8586, 8754
 Rhododendrons, planting and care, 5291
 Rhynacionia buoliana, *see* European pine shoot moths.
 Riach, Norman M., relief, 1817
 Ribonucleoproteins, *see* Nucleoproteins.
 Ribosomes, *see* Cells.
 Rice, Charles E., friction factors for helical corrugated pipe, 8127
 Rice, Dorothy P., estimating cost of illness, 13966
 Rice, Edward A.:
 early performance decrement in primates following pulsed ionizing radiation, 1622
 oxygen concentration, temperature, and viscosity determinations, polarographic technique, 5334
 Rice, Gabrielle P., foreign gold & exchange reserves, current trends in international liquidity, 10416
 Rice, J. Wade:
 handicrafts and home businesses, 12501
 recordkeeping systems, small store and service trade, 1458, 9643
 Rice, Mabel C., residence and migration of college students, fall of 1963, State and regional data, 8851
 Rice, P. L., transmission loss predictions for tropospheric communication circuits, 13861-862
 Rice, T. R., annual report of Bureau of Commercial Fisheries Radiobiological Laboratory, Beaufort, N.C., 2036
 Rice, William L.R.:
 nuclear fuels and materials development, 6861
 summaries of fuels and materials development programs, materials research under reactor program, 5407
 Rice:
 ASCS program, 6736
 California stocks and movement report, 2725
 fields, effects on ground mobility, 5891
 fish-farming, reservoirs, 4402
 foreign agriculture circulars, 2987
 foreign and domestic, quality evaluation studies, 8169
 futures trading and open contracts, 3013
 in United States, varieties and production, 9811
 market news, 3481
 supplement, rough rice receipts, 3482
 1965 market summary, 591
 situation, 4293
 southern, inspected for export, 3523
 stocks, rough and milled, 3483
 weeds and their control in rice production, 5283
 Rice Lake National Wildlife Refuge, general information, 14661
 Rich, Leslie, It takes courage, 16235
 Richard, H. L., Apollo infrared acquisition and tracking system, 16649
 Richards, James K., Bilby steel tower for triangulation, 5529

- Richards, Whitman, color mixture functions at low luminance levels, 6281
- Richardson, Norman R., Project Fire instrumentation, 17918
- Richmond, G. B., naturalization of Java podocarpus in Hawaii rain forest, 2070
- Richmond, Joseph C., procedures for precise determination of thermal radiation properties, 6478
- Richmond, M. S., analysis of uranium concentrates at NBS, 1293
- Richmond, Va., area wage survey, 6266
- Richter, Donald H.:
petrography of lavas of 1959-60 eruption of Kilauea Volcano, Hawaii, 4524
petrology of Kilauea Iki lava lake, Hawaii, 12026
- Richter, Henry L., space measurements survey, instruments and spacecraft, 13727
- Rickenbacker, Joseph E., losses in transporting and handling grain by selected grain marketing cooperatives, 14143
- Rickover, Hyman G., testimony, 507
- Ridd, Merrill K., area-oriented multiple use analysis, 8971
- Riddle of ball lightning, 13540
- Ridgely, Kazuyo W., relief, 1814
- Rifle Association, National, *see* National Rifle Association.
- Rifle company, Marine Corps, function, etc., Fleet Marine Force manual, 16548
- Rifle practice, *see* Target practice.
- Rifles, NGB indoor matches, postal, announcement of winners, pamphlet, 17951
- Riga, Latvian SSSR, 2d symposium on extremum problems, proceedings, 13528
- Rigby, Malcolm, NODC quarterly accessions, computer produced indexes, 13892
- Rigging:
ENTAC missile system, airdrop operations, 16965
scoop-type loader, airdrop, 11407
water purification unit, Erdlator trailer, airdrop operations, 8268
see also Masts and rigging.
- Right of privacy, *see* Privacy.
- Right-of-way, *see* Roads and highways.
- Right-to-work, and union security, selected readings and references, list, 2286
- Right-to-work laws, *see* Industrial relations.
- Rights of persons:
ombudsman, Swedish official, hearing, 10354
rights and responsibilities of recipients of—
social security retirement or survivor benefits, 2568
special social security benefits, 14019
- Rights of privacy, *see* Privacy.
- Rights-of-way, *see* Roads and highways.
- Rights of women, *see* Women.
- Rijn, Rembrandt Harmens van, *see* Rembrandt Harmens Van Rign.
- Riley, Donald R.:
effect of target angular oscillations on Gemini-Agena docking, 9528
Gemini-Agena docking, 2414
- Riley, Harold L., mineral industry of Kentucky, 1128
- Rim, Kwan:
derivation of mapping functions for star-shaped regions, supplement, 7721
extension of plane strain analysis, 17878
- Rinderpest, importation of meats and animals that have transited infected countries, opinion of Attorney General, 9191
- Ring connectors, *see* Connectors (structural).
- Ring counters:
circuit switches multiphase motor direction of rotation, 9453
low power, to drive high-level loads, 9457
- Ring valve responds to differential pressure changes, 4859
- Ringel, S., human factors research in command information processing systems, 16967
- Rings:
back-up ring for O-rings, disclosures on, 7921
flexible plastic ring assembly makes durable shaft seal, 2386
inflatable O-ring seal would ease closing of hatch cover plate, 15115
large diameter, differential expansion provides pressure for diffusion bonding, 12311
metal ring seal prevents gas leakage, 17896
O-ring tube fittings form leakproof seal in hydraulic systems, 4857
O-rings with Mylar back-up provide high-pressure cryogenic seal, 12319
pressure seal ring may be effective over wide temperature range, 11005
reinforcement core facilitates O-ring installation, 2397
sensing, angular acceleration measured by deflection, 9456
thin circular, nonlinear flexural vibrations, 2438
- Ringworm, general information, 16796
- Rio Branco, *see* Arcoverde, Brazil.
- Rio Grande and Valley:
citrus prices and market structure, 8148
lower, salinity problem, solution—
law, 15755
reports, 12961, 15876, 16102
water supply outlook and snow surveys, 3688
- Rio Muni, Equatorial Guinea background notes, 16847
- Rio Piracicaba quadrangle, Brazil, geology and mineral resources, 12018
- Ripley, Josephine, health and hygiene, bibliography, 6804
- Ripley, S. Dillon, birds of Socotra, etc., 18096
- Riprap, rock, hydraulic design, 10439
- Ristow, Walter W., facsimiles of rare historical maps, list of reproductions for sale by various publishers and distributors, 17822
- Rites and ceremonies, ritualism in Islam and its social essence, USSR study, 12123
- Rittenhouse, John B., space materials handbook, 6355
- Rivera, Joseph, dietary intakes and body burdens of cesium-137, 2523
- Rivers:
Alaska, southeastern stream catalog—
regulatory district 9, 4426
regulatory districts 5, 6, 7, and 8, 2047
basis plans, additional authorization, 1966 report, 1910
basins, clean rivers restoration act of 1966, pollution control and abatement, program—
analysis of bill, 8679
hearings, 10371, 13058
reports, 13150, 15909, 15925, 17324
central Asia, origins, routes, etc., USSR study, 1061
closed-basin investigations (series), 9018
Communist China, 4636
daily river and rainfall bulletins—
Shreveport, La., area, 2825
Vicksburg, Miss., area, 2826, 2833
daily stages, 1963, 16900
daily weather and river bulletins—
Albuquerque, N. Mex., area, 2830
Houston, Tex., area, 2831
Little Rock, Ark., area, 2832
Memphis, Tenn., area, 2833
Montgomery, Ala., area, 2834
New Orleans, La., area, 2835
Sacramento, Calif., area, 2836

Rivers—Continued
 flood control and multi-purpose projects, public works authorizations—
 hearings, 17597
 law, 400
 reports, 17276, 17533
 print additional copies, report, 10197, 17470
 hydrology of tidal streams (series), 10647, 13415
 low-flow characteristics of streams in Mississippi embayment—
 northern Arkansas and Missouri, 6032
 southern Arkansas, northern Louisiana and northeastern Texas, 10641
 meanders, theory of minimum variance, 6031
 mountain, central Asia, forecasting runoff, USSR study, 6216
 natural channels, stage-discharge relations established by step-backwater analysis, evaluation of accuracy, 6043
 physiographic and hydraulic studies (series), 2103, 6031, 12021, 17718
 prefabricated flume for gaging ephemeral streams, 4451
 river hydraulics (series), 6043, 17731
 rules concerning sailing vessels, etc.—
 hearing, 10335
 report, 17313
 runoff, USSR study, 7626
 salmon spawning stream, effects of log jams and flooding, 13358
 stream quality in Appalachia as related to coal-mine drainage, 7481
 streamflow, development of procedure for estimating effects of land and watershed treatment, 8171
 streamflow records, San Dimas Experimental Forest, 4448
 sustained winter streamflow from ground-melt, 8957
 water quality characteristics of New Jersey streams, 12031
 wedge-shaped aquifers drained by streams, measurement of hydraulic diffusivity, 13408
see also names of rivers, or places where located.

Riverside, Calif.—
 area wage survey, metropolitan area, 6258
 commodity transportation survey, production area series, 8347

Road machinery, maintenance equipment, Federal item identification guides for supply cataloging, supplements, 2932

Road signs, *see* Signs (road).

Roads and highways:
 aerial photography in unified information system, 11201
 Alaska highways, report on study, 10367, 11828
 beautification and safety, Federal-State coordination (remarks), 14328
 better highways and beauty are not incongruous (remarks), 359
 Capital Beltway, Interstate route 495, state construction results in problems, etc., Bureau of Public Roads, Department of Commerce, GAO report, 2086
 code of Federal regulations, 7395
 complex role of highways in urban scene (remarks), 12492
 construction in muskeg areas, summary and compilation of current practice, 3819
 District of Columbia—
 borrowing authority for construction, increase, hearings, 1936
 highway program, hearings, 7131
 engineering economy, syllabus for short unit, 11206
 Federal-aid highway act of 1966—
 hearings, 10262, 11831
 law, 15749
 proposed legislation, analysis, 7168
 reports, 12949, 12974, 13169
 section-by-section analysis, 14441

Roads and highways—Continued
 Federal aid highway program—
 America's lifelines, 11202
 BPR need for specific guidelines regarding Federal participation in costs of standard-type plans, GAO report, 7470
 toll facilities relationship, hearings, 14440
 Federal aid highways—
 junkyards, control, report, 546
 labor and material requirements for construction, 4715
 landscaping and scenic enhancement, report, 546
 outdoor advertising, control, report, 546
 Federal aid programs, *see* below, Interstate system.
 Federal laws, regulations, etc., 11203
 freeways to urban development, 16813
 Haines Road, winter maintenance, agreement with Canada, 5173
 highway and motor vehicle safety (address), 17053
 highway beautification act (remarks), 4019
 highway beautification program—
 costs, 1967 estimate, instruction manual, 11204
 report, 546
 highway construction usage factors for aggregates, 2546
 highway improvements, programing and scheduling, 9637
 highway planning notes, 3040
 highway planning technical report, 9637
 highway safety (remarks), 10036
 highway safety act of 1966—
 hearings, 10264, 10368
 law, 15742
 reports, 12946, 12993, 16078
 highway safety action program, S007
 police traffic supervision, brief outline, 11205
 highway safety program (remarks), 1776
 highway transportation (remarks), 8441
 highway trust fund, financial conditions and operations, 1965 report, 7062
 highways, changing concept (address), 16814
 highways to beauty, 8008
 improved highway engineering productivity, conference, proceedings, 6591, 15314
 interstate system, map, 1450
 Louisiana, construction practices, report, 15948
 military installations, geometric design, etc., Army technical manual, 8263
 needs of future (remarks), 15316
 1965 highway progress, report, 5131
 Public Roads Bureau labor compliance manual, amendment, 15315
 public roads (periodical), 3430
 publications, price list, 6568
 rights-of-way—
 acquisition, bibliography, supplement, 15313
 traverse and area computation, electronic computer program, 5126
 Utah, acquisition activities, Public Roads Bureau, GAO report, 13384
 safety, interagency liaison conferences, report, 6592
 safety program (remarks), 353
 standard alphabets for highway signs, reference guide, 16815
 statistics, 9639
 steep road fills, controlling soil movement, 14699
 user act of 1966, proposed legislation, technical explanation, 7168
 work injuries and rates in street and highway department industry, 2295
see also names of roads or highways.

Roadside stand, 15455

- Roanoke Island Memorial Commission, create, report, 11741
- Roasting (minerals):
 magnetic roasting of iron ores with ferrous scrap, 7716
 reduction roasting-acid solution techniques in processing manganiferous ores, 10918
- Robb, Preston, epilepsy, review of basic and clinical research, 6489
- Robbins, David:
 disclosures on magnetic tape handler, focus detector, etc., 7921
 disclosures on transrotor engine, resistance thermometer, etc., 17941
- Robbins, Leslie F.:
 business management, 1965, survey of chief business officers of colleges and universities, 17619
 college and university facilities survey, 1974
 new construction and rehabilitation on college campuses, 14556
- Robbins, W. M., jr.:
 electromagnetic forces on space structures, 10945
 preliminary design studies for very large orbiting radiotelescope, 15070
- Robert A. Taft Sanitary Engineering Center:
 Analytical Reference Service, training program, freshwater plankton study, 2528
 publications, water supply and pollution control, 5117
 research at SEC, 2538
- Roberts, Albert E.:
 geology and coal resources of Livingston coal field, Gallatin and Park Counties, Mont., 12025
 stratigraphy of Madison group near Livingston, Mont., and discussion of karst and solution-breccia features, 4522
- Roberts, B. W., superconductive materials and some of their properties, 17945
- Roberts, Charles T., guide for implementing handbook 3, property accounting for school systems, 8842
- Roberts, Eugene, biochemical studies on acute hydrazine toxicity in mice, 12630
- Roberts, James R., slosh design handbook 1, 9395
- Roberts, Jean:
 prevalence of osteo arthritis, 15307
 weight by height and age of adults, 11199
- Roberts, Russell B., communities in action, 8821
- Roberts, Travis, annual report for 1965, Cooperative Fishery Units, Division of Fishery Services, 16311
- Roberts radio current meter manual, 6981
- Robertson, Eugene C., properties of thermistors used in geothermal investigations, 9009
- Robertson, Harry F., mineral industry of Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island possessions, and Trust Territory of Pacific Islands, 17845
- Robertson, J. L.:
 remarks—
 May 4, 1966, 8927
 May 17, 1966, 10509
- Robertson, Roger L., National Institute of Mental Health training grant program, fiscal year 1964, statistical sourcebook, 2459
- Robinson, James W., measurement and interpretation of plasma properties to 100 kilobars of pressure, 9420
- Robinson, John W., restaurants and catering, 1459
- Roby, Ill., railroad accident, 12075
- Rochester, N.Y.:
 commodity transportation survey, production area series, 9954
 principal electric facilities, map, 7374
- Rochman, Joan E., trends in graduate enrollment and Ph.D. output in scientific fields, 13992
- Rock Creek Park, general information, 6516
- Rock drilling, ground stress components from measurements of diametral deformation of drill hole, 4801
- Rock Island, Ill., area wage survey, 4725
- Rock Island Dam, fish passage report, 1965 report, 17679
- Rock phosphates:
 chemical processing of Florida phosphate rock slime, 17853
 minerals yearbook chapter, 17850
- Rockers, James J., soil survey of Reno County, Kans., 14022
- Rocket fuel, *see* Fuel.
- Rocket motor cases, Thiokol Chemical Corporation SL-1 motor case hydrotest failure, 4894
- Rocket propellants, *see* Propellants.
- Rocketeers are always in combat readiness, USSR, 6158
- Rockets:
 ablative materials as nozzle sections—
 liquid-oxygen-gaseous-hydrogen rocket engine, 9510
 storable-propellant rocket engine, 9500
 Aerobee 150 structural and aerodynamic pitch coupling, 17910
 Aerobee sounding, 1959-63, launchings, 4983
 blast resistant materials, report, 10440
 booster recovery by use of hot-air balloon, 16705
 combustion instability, tangential velocity effects, 9531
 combustors, simulated, acoustic decay coefficients, 9538
 compressed-air model investigation of solid rocket overpressures due to interference from aft-end ignition rocket, 13840
 engine blast tests on expedient surfacing materials, 10440
 engine exhaust, probe samples components, 2399
 engine, M-1 hydrogen-oxygen—
 oxidizer pump-driven turbine, scale model, cold air performance evaluation, 7881
 performance evaluation of turbine, 6457
 exhaust analysis, use of ultraviolet photographic pyrometer, 6408
 exhaust plume at low altitude, aerodynamic model, 16762
 field artillery battalion Little John, Army Dept. field manual, 12651
 high altitude underexpanded jet exhaust impingement studies, cold gas technique, 1242
 high-thrust, used for manned Mars landing mission, 4929
 hydrogen-oxygen engines, 20,000-pound, propellant injection velocity, effect on screech, 7884
 KIWI B nuclear rocket, acoustical study, 4825
 lightweight external insulation system for liquid-hydrogen tanks of boost vehicles, aerodynamic heating tests, 7838
 liquid-bipropellant engines using propellants with different vaporization rates, analysis of chugging, errata, 12333
 M-1 engine, starting characteristics, investigation using analog computer, 2422
 Marc36A1, 1-KS-75 spin motor for Scout vehicles, design, test, and documentation, 4816
 motor, solid propellant combustion instability, use of one-dimensional model for determining, 9533
 n-heptane vaporization in unstable combustor with traveling transverse oscillations, 9537

Rockets—Continued
 noise, contribution of combustion noise to overall exhaust jet noise, 9432
 nose-mounted rotating solid-propellant control system, 7855
 nozzle materials, performance with solid propellants, 9541
 nozzles—
 catalysis of hydrogen-atom recombination, 6341
 vortex flow and erosion injection for thrust vector control due to warm-gas, 4971
 nuclear—
 radiant heating of seeded gas in coaxial-flow gaseous reactor, 4943
 wheel-flow gaseous-core reactor concept, 1244
 nuclear propulsion, gaseous-fueled cavity reactors, criticality calculations, etc., 13707
 nuclear rocket war, essence, USSR study, 1040
 performance of Apollo storable propellants in engines with large area ratio nozzles, 15173
 pioneers of rocket technology, USSR, 1286
 powerful new rockets developed for space stations, USSR study, 2191
 propellant feed systems, distributed parameter analysis of pressure and flow disturbances, 13833
 recoverable booster, landings and slideouts, investigation, 15141
 rotating-solid-propellant control system, application to attitude-control of space-vehicle upper stage, errata, 15132
 Saturn class boosters, data requirements for in-flight synthesis and multiple blender studies, 15055
 Saturn IB/Apollo upper stage, super-sonic/hypersonic aerodynamic investigation, 4819
 Saturn illustrated chronology, 2450
 Saturn S-1C booster, thermal and pressure environments in base from Mach 0.1 to 3.5, wind-tunnel investigation, 16678
 Saturn sound suppressor system—
 interaction of structure and liquid, 4926
 liquid behavior in reservoir, 4921
 Scout motor performance analysis and prediction study, 2360
 Scout vehicle 131-R (S.E.V., systems evaluation vehicle), electrostatic measurement experiment, 10946
 single-degree-of-freedom roll equation with time-dependent coefficients, solving, 4917
 small-animal payload, integration with sounding rocket, 15081
 sounding data, analysis of processes in stratosphere, 2444
 struggle against, anti-rocket defense, etc., USSR study, 2187
 temperature control unit for sounding rocket applications, 16655
 thick wedge fins with sweptback leading and trailing edges, static aerodynamic characteristics, 4930
 Trailblazer I, payload reentry events, photometric analysis of spectrograms, 9520
 Trailblazer IIa9° half-angle blunt nose cone, radar cross section and optical radiation during hypersonic reentry, 4956
 transfer function approximations for highly coupled elastic boosters with fuel slosh, 9433
 unmanned, Federal aviation regulations, 10463
 USSR, first 3 space rockets, 2152
 Rockfalls, Little Tahoma Peak, 2092
 Rockford, Ill., area wage survey, metropolitan area, 13601

Rocks:
 adjacent to Cretaceous-Tertiary boundary western San Juan Basin, N. Mex., history of nomenclature and stratigraphy, 12024
 basalt, slowly cooling, petrologic and thermometric study of semienclosed body, 12026
 basaltic magma, fractional crystallization, etc., chronological changes in lava composition during major volcanic eruption, study, 7488
 compressive strength predictions from other rock properties, 2351
 disk subjected to peripheral thermal shock, stress analysis, 15024
 evaluation of explosion of charges with air spaces in rock, USSR study, 6162
 felsic, calibrated X-ray diffraction patterns, rapid modal analysis, 4511
 formation, in-situ measurement in vein-type deep mine, 9370
 inelastic deformation of rock under hemispherical drill bit, 16582
 Mesozoic—
 in Baboquivari Mountains, Papago Indian Reservation, Ariz., 2090
 northern Alaska, micropaleontology, 12017
 petrofabric analysis of overgrowths on quartz crystals in jasperoid, 9013
 petrography of lavas of 1959-60 eruption of Kilauea Volcano, Hawaii, 4524
 petrology of Kilauea Iki lava lake, Hawaii, 12026
 presplitting in presence of static stress field, 16586
 riprap, hydraulic design, 10439
 samples from laboratory size to mine pillars, sonic velocity measurements, piezo-electric pulsing equipment for, 13694
 streak camera method for measuring dynamic equation of state properties, 9386
 sulfate and sulfide sulfur in, determination, 12012
 see also Bedrock—Breccia—Greenstone—Sedimentary rocks.
 Rocky Mountain Forest and Range Experiment Station, publications, list, 3156
 Rocky Mountain National Park, general information, 7948
 Rocky Mountain States:
 growth patterns in employment by county, 12696
 manufacturing plants, location by county, industry, and employment size, 1963
 census, 14260
 standard metropolitan statistical area, facts for marketers, 8314
 Rocky Mountains:
 Colorado, weather and climate of high mountain pass, 4475
 northern and central, site index curves for Engelmann spruce, 10567
 Rod and dish cathode improves Penning-type vacuum gauge, 6406
 Rodenbach, Richard D., southern yellow pine, log overruns, 14708
 Rodents, laboratory, viruses, research, 6486
 Rodriguez, Antonio J. Senra, *see* Senra, Antonio J., and wife.
 Rodriguez, Guillermo, relief, 11704, 17078
 Rodriguez, Julio Valdes., *see* Valdes-Rodriguez, Julio.
 Rodriguez, Olbio S., relief, 8709
 Rodriguez Perez, Ortelio, relief, 15672
 Rods:
 bypass, transfers heat, 13739
 flame-detector, mounting facilitates removal and installation, 7803
 Roe, A. L., evaluating growth performance of young stands, 16324
 Roelke, Richard J., cold-air performance evaluation of scale model oxidizer pump-driven turbine for M-1 hydrogen-oxygen rocket engine, 7881

- Roentgenologists, Belorussian SSR, 3d conference, 6157
- Roentgenology, general, problems, USSR study, 921
- Roger Williams National Memorial, establish, report, 486
- Rogers, Blair O., facial disfigurement, rehabilitation problem, 9758
- Rogers, Edith Nourse, Memorial Veterans' Hospital, see Edith Nourse Rogers Memorial Veterans' Hospital.
- Rogers, John W., relief, 17425
- Rogers, K. W., solid nitrogen formed by cryopumping, 15058
- Rogers, Nelson F., shortleaf pine in Missouri, understory hardwoods retard growth, 794
- Rogers, Stephen H., herring fishery in southeastern Alaska, 749
- Rogers, Terence A.:
ameliorative measures in fasting, subarctic survival situations, 5313
energy cost of cross-country travel in Arctic, 3783
- Rogue River, Oreg., motor carrier accident, 13442
- Rohl, G. E., effects of jet fuel anti-icing additive on fuel tank linings, 1369
- Roll:
control positions of space vehicle, effect of nose-mounted control-system jets on aerodynamics, 6448
deck motion of aircraft carriers, determination, 1354
single-degree-of-freedom roll equation with time-dependent coefficients, solving, 4917
- Rolla, Colo., railroad accident, 12080
- Rolla Jewel Bearing Plant, change name to William Langer Jewel Bearing Plant, 17193
- Rolling mills:
and finishing mills, census of manufactures, 1963, industry statistics, 8334
industrial plant equipment handbook, 8803
- Rolls, L. Stewart:
flight investigation of aerodynamic properties of Ogee wing, 2407
flight-measured ground effect on low-aspect-ratio ogee wing, etc., 11058
- Roman, H. Roth:
technical papers of metallographic groups—
16th meeting, 148
17th meeting, 149
- Rome, N.Y., commodity transportation survey, production area series, 9953
- Rome Air Development Center, technical report, 8201
- Romm, Joseph, speech, Oct. 4-5, 1965, 14292
- Ronchi, Lucia, detection of circular light signals in relation to shape and color identification, 8213
- Rondberg, Samuel R., relief, 15688, 15809
- Rondon, Antonio Maria, see Rondon Delgado, Antonio.
- Rondon Delgado, Antonio, relief, 15835
- Ronsivalli, Louis J., pasteurization of fishery products with gamma rays from cobalt-60 source, 4407
- Roofers, employment outlook, 9275
- Roofing:
asphalt and tar, current industrial reports, 2817
corrugated, protected-steel, design criteria, Army technical manual, 3833
design, technical manual, 9904
- Roofs:
decking, Army technical manual, 129
snow loads in areas of heavy snowfall, 16323
- Rooms, diplomatic reception rooms, description, 12521
- Roosevelt, Anna Eleanor, memorial services, 7052
- Roosevelt, Franklin D.:
commemorative stamp dedication (address), 5084
6-cent regular postage stamp, 2510
- Roosevelt, Franklin D., Library, see Franklin D. Roosevelt Library.
- Roosevelt elk, see Elk.
- Roosevelt Field, air pollution measurements, 7989
- Roosevelt Library, see Franklin D. Roosevelt Library.
- Roots, yellow birch, phosphorus to subsoil promotes development, 8958
- Roots of equation, see Mathematics.
- Rope, Federal item identification guides for supply cataloging, supplements, 2934
see also Wire rope.
- Roppel, Richard M., effects of radiation on submicroscopic structure of sympathetic neuron, 11380
- Rosa, J. Marvin, electric analog for computing direct surface runoff, 9776
- Rose, R. K., fluid amplifier digital integrator, 6329
- Roseau River:
survey, flood control, engineer report—
departmental edition, 670
document edition, 461
- Rosefish, diet of bream fry at early developmental stages in Aral Seas, USSR study, 2276
- Rosen, Howard, vocational education, training for yesterday's jobs? 13589
- Rosen, Seymour M., part-time education in USSR, evening and correspondence study, 650
- Rosenbaum, Burt M.:
range residuals in VHF radar tracking, 15169
statistical distribution of breaking strength of bundle of classical fibers, 2423
- Rosenberg, Harry M., seasonal variation, of births, U.S., 1933-63, 11200
- Rosenberry, Paul E., commercial Corn Belt farms, 14533
- Rosenblatt, Harry M., spectral analysis and parametric methods for seasonal adjustment of economic time series, 273
- Rosenfeld, Carl, why women start and stop working, study in mobility, 1095
- Rosenfield, A. R., crack extension and propagation under plane stress, 9641
- Roses, production and sales, etc., 8089
- Rosholt, Robert L., administrative history of NASA, 13728
- Roshore, E. C., investigation of performance of concrete and concreting materials exposed to natural weathering, 4343
- Rosier, Carl, stream catalog of southeastern Alaska regulatory districts, 5, 6, 7, and 8, 2047
- Rosin, see Naval stores.
- Roslyn, Wash., hydraulic coal mining research, 1159
- Rosofsky, Rose G., training of public assistance recipients under MDTA, 10842
- Ross, Reuben J., jr., silicified Ordovician brachiopods from east-central Alaska, 9650
- Rossettos, John N., nonlinear membrane solutions for symmetrically loaded deep membranes of revolution, 7835
- Rossi, Maria, relief, 15792
- Rosters, see names of departments, etc., issuing rosters.
- Rostow, Eugene V., nomination, hearings, 17579
- Rostvedt, J. O., summary of floods in United States during 1961, 830
- Roswell, N. Mex., brackish water conversion demonstration plant, reports, 9036-37
- Rot, see name of rot.
- Rotary valve controls multiple hydraulic leveling cylinders, 16625
- Rotating mandrel speeds assembly of plastic inflatables, 7791
- Rotation:
Euler's theorem on rotations, use for synthesis of attitude control systems, 16696
ring counter circuit switches multiphase motor direction, 9453

- ROTC, *see* Reserve Officers' Training Corps, Army.
- Roth, Emanuel M., bioenergetics of space suits for lunar exploration, 10975
- Roth, H. P., technical papers of 14th metallographic group meeting, 147
- Roth, J. Reece, nonadiabatic particle losses in magnetic fields, 2437
- Roth, William M.:
addresses—
Feb. 1, 1966, 6619
Feb. 14, 1966, 6620
- Rothermel, Richard C., influence of moisture on effectiveness of fire retardants, 5994
- Rotorcraft, external-load operations, Federal aviation regulations, 14613
- Rotors:
axial-flow pump—
design and performance, errata, 4896
with tip diffusion factor of 0.66, blade element performance, 15191
heavy lift tip turbojet system, 1659-71
hingeless rotor helicopter, handling qualities, 11053
hollow spherical, fabricated by electroplating, 15097
turbine blades, simple key locks, 4860
- Roughage, *see* Food for livestock.
- Roughness, *see* Surfaces.
- Rouls, Janalyce, training home economics program assistants to work with low income families, 62
- Roumasset, Charles A., Negro in the West, 10876, 14983
- Routing, MILSTRIP, identifier codes, 11854
- Row, Clark, improving sawmill profits through operations research, 4476
- Rowen, Henry S., talk, Aug. 19, 1965, 3866
- Royalties, charged to Govt. for use by contractors of chemical milling inventions, GAO review, 7478
- Roys, George P., measurements by aircraft of condensed water in Great Plains thunderstorms, 15421
- RSFSR, *see* Russian Soviet Federated Socialist Republic.
- Rubber:
census of manufactures, 1963, industry report, 6904
industry, 1966 prospects (address), 329
products—
census of manufactures, 1963, manufacturing plants, location, 12700
industry in Puerto Rico, minimum wage rates, data, 5219
supply and distribution for U.S., current industrial reports, 2817, 8354
synthetic—
census of manufactures, industry report, 3893
commodity transportation survey, shipper series, 3909
see also names of articles manufactured from rubber.
- Rubber-coated bellows improves vibration damping in vacuum lines, 10996
- Rubber gloves, leak-testing and sterilizing with dispenser, 9473
- Ruben, George, deferred increases and wage escalation, 4737
- Rubidium:
determination by flame photometry, 15023
vapor—
effects on Bayard-Alpert ionization gages, 15179
frequency standards, long-term performance, 15210
Rubles, effect of ionizing radiation, 7888
- Rubin, C. P., analytic longitudinal response analysis for axisymmetric launch vehicles, etc., 4809
- Rubino, Giuseppe, relief, 16006, 17069
- Rudd, Benjamin W., decisions of United States courts involving copyrights, 1963-64, 594
- Rudduck, R. C., application of wedge diffraction to antenna theory, 4827
- Rudgers, A. J., calculation of monostatically reflected velocity potential, etc., 12422
- Rudjer Boskovic Institute, gamma radiation sources, Yugoslav study, 961
- Rudolf, Paul O.:
botanical and commercial range of—
black spruce in Lake States, 5985
white spruce in Lake States, 5984
forest genetics and related research, annotated bibliography, 14715
forest tree improvement research, 1965, in Lake States, 10596
- Rugby, U. K., phase variations of 16 kc/s signals from GBR observed at College, Alaska, 1297
- Rugger, George R., weathering of glass reinforced plastics, 7268
- Rugs, Wilton, Brussels, etc., Tariff Commission report, 15388
- Rules, *see* Lames of courts, commissions, etc., issuing rules—*also* subjects.
- Rules and Administration Committee, Senate:
calendar, 3143
committee print, 5825
hearing, 14504
investigations and studies—
privileges and elections, expenses, report, 4201
standing rules of Senate, authorization, report, 4202
reports, 558, 560-562, 1919, 1925, 4174-4207, 5752, 5756, 5758-60, 7190-97, 8736, 10288-295, 11735, 13134-135, 13170-172, 14461-462, 16073-75, 16093, 16096-99, 16106, 16132, 17468-474, 17489, 17543-546
travel regulations, 8790
- Rules Committee, House:
hearings, 7163, 8680-81, 10266-267, 13059, 17393
reports, 506, 1820-1843, 5653-55, 5660-63, 5665, 5670-71, 7079, 7081, 7088-89, 8542-44, 8548, 8567-70, 8600-3, 8610-12, 8623-25, 8636, 10121, 10125, 10144-145, 10170-71, 10218-219, 11619-620, 12908-910, 12912, 12922, 12945, 12950, 12973-974, 12993-994, 14391, 15841-842, 15845, 15858-860, 15862, 15874, 15876-878, 15890, 15898, 15903-905, 15923-926, 17196-198, 17220, 17241, 17297-301, 17323
- Rules of order, *see* Parliamentary practice.
- Rules of practice and rules relating to investigations, 12498
- Rumania:
Academy, 1966 general meeting, 10780
Academy of Sciences, achievements, 17786
background notes, 6627
biological and medical sciences, 10739
biological sciences, direct confrontation with life, 9086
biophysics, 13489
computer, general-purpose, development, 14912
decree concerning scientific degrees, 2246
development of geophysics in last 2 decades, 14895
hygiene, evolution and present problems, 12135
industry, minerals yearbook chapter, 4777
inventions in fields of mining, coking, materials testing, particle accelerators, and chemistry, 10805
labor conditions, 13644
long-range broadcast transmitter, 12147
malaria research, 6195
national conference on normal and pathological morphology, 14842
National Council for Scientific Research, law on establishment, organization, and functions, 6225
nuclear science, developments, translation, 13482
production, application of physics, 12107
provincial press, summary, 3562

Rumania—Continued

science must become active and dynamic factor in progress, 10704
 scientific research—
 as reflected in statistics, 9111
 new guidelines, 16468
 program for 1966-70, draft, 13578
 urgently needed to improve university instruction, 9136
 scientists, recruitment and training, 7589
 soil and land utilization, research, 14886
 Run-in with chemical additive protects gear surface, 6395
 Running, *see* Galts.
 Runoff:
 data, computer program for reduction and preliminary analyses, 9
 direct surface, electric analog for computing, 9776
 hydrograph equation, analysis, 8126
 hydrology, conservation etc., of runoff water in playas, 15435
 mountain rivers of central Asia, problems of forecasting, USSR study, 6216
 Runways (aeronautics):
 Army pioneer-type, portable surfacing, laboratory and engineering field tests, 4340
 roughness, response of turbojet and piston-engine transport airplane, 4919
 surfaced with steel landing mat, design curves, 10441
 T11 aluminum airplane landing mat—engineering tests, revised design criteria, 7337
 subgrade stabilization with portland cement, etc., 7333
 Rural communities:
 advantages of industrial expansion in rural America (address), 14126
 agricultural program in action, 10399
 consumer expenditures and income, 1960-61—
 northeastern region, 12207
 southern region, *supp.*, 7663
 total north central region, 7662, 10855
 total northeastern region, 10854
 total southern region, 13591
 total United States, 10857, 12208
 total western region, 10856
 western region, 9205
 consumer expenditures and income, 1961—
 rural farm population—
 north central region, 14117
 northeastern region, 15438
 southern region, 14118
 United States, 12590
 western region, 25, 12589
 rural nonfarm areas—
 north central region, *supp.*, 2289
 northeastern region, 1089
 southern region, *supp.*, 2290
 United States, *supp.*, 6255
 western region, *supp.*, 2291
 cooperatives in action, 7275
 credit unions in action, 8823
 defense against weapons of mass destruction in rural area, USSR study, 973
 family counseling in action, 11859
 Farmers Home Administration strengthen-
 s, 8160
 financial assistance to rural groups for water and waste disposal systems, 6769
 food—
 distribution in action, 10400
 home production in action, 10401
 increased opportunities for good living in rural America (remarks), 5297
 keeping people in countryside through new economic opportunities (address), 14127
 legal services program in action, 16219
 migrant worker programs, 14528
 Neighborhood Youth Corps action program, 16220
 new product development for economic growth, 1595

Rural communities—Continued

nonmetropolitan areas, families and un-
 related individuals, 1964 income, 8364
 older people in action, 8827
 outdoor recreation enterprises, handbook,
 5912
 present and future in rural America (re-
 marks), 6777
 programs to support and encourage (ad-
 dress), 5280
 public health service, Soviet Union and
 Bloc countries, 7557
 putting rural America in shape to en-
 courage business and industrial expan-
 sions (address), 9806
 remedial reading in action, 11860
 resources of rural America for improving
 human resources (speech), 9839
 rural areas development at work, 8155
 rural opportunities, war on poverty, 10405
 southern region, plastic impregnated wood,
 radiation produced, commercialization
 of process of manufacturing, 11438
 spending and saving in urban and rural
 areas, 2293
 statistical summary, rural areas develop-
 ment and area redevelopment, quarterly
 progress report, 8893
 urban agglomeration and its meaning for
 rural people, analysis, 13263
 youth in crisis, facts, myths, and social
 change, 1541
 youth opportunity centers in action, 16221
see also Country life.
 Rural Community Development Service, ap-
 propriations, 1967, Agriculture Dept.,
 hearings, 8648, 11787
 Rural credit, *see* Credit unions.
 Rural development program:
 adapting space to needs of people in both
 city and countryside (address), 9806
 building rural America, rural areas devel-
 opment, press reports, 14597, 17644
 community development district act of
 1966, planning of public services,
 etc.—
 hearings, 8761, 14403
 reports, 8740, 12918
 economic and social potential (remarks),
 1605
 individual and community advancement,
 Federal assistance, 11347
 local government in economic development,
 research needs and opportunities, 13262
 mid-Hudson project, 14596
 new product development for economic
 growth in rural areas, 1595
 new tools to help rural America through
 local leadership (remarks), 5296
 newsletter, 3484
 participation of rural America in resource
 planning and development (speech),
 9839
 planning of public services, etc., message
 from the President, 5604
 present and future plans, remarks), 6777
 rural areas development at work, 8155
 rural community leadership (address),
 3740
 Rural electricity, *see* Electricity.
 Rural Electrification Administration:
 appropriations, 1967, hearings, 8648,
 11787
 legislation, hearings, 13011
 loan program, 6761
 REA borrowers—
 electrifications systems, list of materials
 acceptable, 3153, 15319
 supplement, 6594
 energy purchased, 1965 report, 1453
 telephone systems, list of materials ac-
 ceptable, 3154, 11212
 REA bulletins, 1453, 6595
 report, 8013
 statistical bulletin, quarterly, 3446-47

INDEX 1966

- Rural Electrification Administration—Con.
statistical report, rural electrification bor-
rowers, 16818
telephone system, construction contract,
12497
- Rural fallout shelter analysis workshop, in-
structor manual, 8384
- Rural families, *see* Families.
- Rural life, *see* Country life.
- Rural lines USA, story of cooperative rural
electrification, 6761
- Rural mail carriers, *see* Mail carriers.
- Rural redevelopment :
area redevelopment, approved projects,
directory, 2685
areas, summary list, designation status re-
port, 3552
redevelopment (periodical), 3458
renewal authority under Bankhead-Jones
farm tenant act, broaden, report, 15916
statistical summary, rural areas develop-
ment and area redevelopment, quarterly
progress report, 8893
- Rural telephone programs, *see* Telephone.
- Rush, E. S. :
tests with CH-47A Chinook helicopter in
soft clay soils, 4337
trafficability tests on confined organic ter-
rain (muskeg), 5890
- Rushmer, Margaret A., weather resistance of
porcelain enamels, 12380
- Rusk, Dean :
addresses, etc.—
Feb. 25, 1964, 2578
Oct. 16, 1965, 1491
Feb. 18, 1966, 9722
Mar. 16, 1966, 11252
- Russell, Clarence C., and wife, relief, 16036
- Russell, Frank L., water production in polar
ice cap by utilization of waste engine heat,
8247
- Russell, Louis M. :
compatibility of polymeric materials with
fluorine and fluorine-oxygen mixtures,
12340
reaction characteristics of spills of fluorine
and fluorine-oxygen mixtures upon vari-
ous materials, 7816
- Russell, Warren J., some influences of antigen
concentration and nonreacting additives on
mobility and diffusion in immunoelectro-
phoresis, 12646
- Russia, *see* Union of Soviet Socialist Repub-
lics.
- Russian accessions, L. C. monthly index, 3214
- Russian language, students, use of folklore
in anti-religious education, 7581
- Russian Orthodox Church, Moscow Patri-
archy, comments on American policy in
Vietnam, 10814
- Russian Soviet Federated Socialist Republic :
physicians, training in higher institutions,
7615
public health problems, 7596
training of medical personnel and devel-
opment of ambulatory polyclinical care,
7551
- Russo, Leonardo, relief, 10115, 12809, 13113
- Rust, Irwin W. :
assuring democratic election of coopera-
tive directors, 5909
creating training programs for coopera-
tive directors, 5910
recognizing ideal cooperative director,
7343
should cooperatives tighten membership
requirements? 10453
what cooperative members should know,
684
- Ruth Lake, sockeye salmon, growth and
survival after removal of resident fish,
17678
- Ruthenium :
disposal from supplemental stockpile—
hearing, 10325
law, 10074
reports, 8589, 8757
- Rutland Corner House, Boston, Mass., half-
way house, study, 1529
- Ruttenberg, Stanley H., nomination, hear-
ing, 14501
- Ruz, Juanita Castro, *see* Castro, Juanita.
- Rwanda :
background notes, 11244
mineral industry, minerals yearbook chap-
ter, 9362
Tanzania boundary, study, 15343
- R legend, FDA manual for pharmacists,
7447
- Ryack, Bernard L., individual and group
learning, 14994
- Ryan, Cornelius :
last battle (book)—
Soviet colonel reviews, 14925
Soviet commentary, 13494
- Rye :
crop production, 5174
futures—
commitments of traders, 2765
trading and open contracts, 3014
- Rynearson, Garn A. :
mineral industry of—
Brazil, 10913
British Guiana, 6296
Surinam, 6306
- Ryukyu Islands :
agricultural commodities, agreement, 6653
appropriations, 1967—
hearings, 13014, 17568
reports, 15915, 16159
claims of inhabitants, payment, law, 398
economic and social development, increase
appropriations, amend act—
hearings, 7121, 16174
reports, 8593, 8610
foreign assistance appropriations, 1966, re-
port, 545

S

- S.A.M., *see* School of Aerospace Medicine.
- S.B.A., *see* Small Business Administration.
- S.E.C., *see* Securities and Exchange Com-
mission.
- S.M.C., *see* Supply and Maintenance Com-
mand.
- S & E McCormick, Inc., accident, 13443
- Saad, George J., relief, 11711, 15694
- Saalfeld, F. E., diffusion rates of methyl
chloroform through some insulation mate-
rials, 1380
- Sabghir, Aaron, construction review, month-
ly industry report, 2789
- Sabine, RLC7-9, lunar charts, 14186
- Sable, E. G., Harrodsburg limestone in
Kentucky, 9015
- Sablefish, distribution, abundance, and size
of mouth of Columbia River, 4409
- Sahleski, Joseph J., paper, Nov. 1965, 15274
- Sabrosky, Laurel K., first-year 4-H club
members, 8152
- SAC, *see* Strategic Air Command.
- Saco River and Valley, water resource ap-
praisals for hydroelectric licensing of
basin, planning status report, 4387
- Sacramento, Calif., principal electric facili-
ties, map, 7378
- Saddle horse barn, 15454
- Sadowski, Henry, nuclear radiation process-
ing optical maser materials, 16971
- Sadwin, Lippe D. :
measurement of lateral pressure generated
from cylindrical explosive charges, 2350
streak camera method for measuring
dynamic equation of state properties of
rock, 9386
- Safe Harbor, Pa., principal electric facilities,
map, 7374

- Safe work guide, Department of Labor safety training programs, SWG LS series, 7657
- Safeguard our Nation's youth on the job (series), 9200, 10849, 14967
- Safeguarding your business and management succession, 5137
- Safety at sea, *see* Safety of life.
- Safety Bureau:
pamphlet BOSP series, 1742
report BOSR (series), 15614
- Safety equipment and appliances:
automatic protective vent has fail-safe feature, 15099
Federal item identification guides for supply cataloging, supplements, 2934
see also names of special equipment and appliances.
- Safety footwear, *see* Boots and shoes.
- Safety of life:
AEC citation for outstanding service, to Gale, Fred E. (remarks), 168
aerospace maintenance safety, 2644
air safety—
aerospace safety (periodical), 2645
emergency procedures over water, 2666
naval aviation safety review, 2684
rules of CAB pertaining to accidents, etc., investigations, 14287
safety education series, 14681-682
at sea—
amend coastwise laws, etc., hearings, 13204
disclosure of modern fire safety standards, report, 14466
disclosure of safety standards, report, 17320
report on Yarmouth Castle disaster, report, 8613
atomic energy program—
Isthmian Canal studies, safety evaluation for air blast, ground shock, throwout, and dust, 155
nuclear explosion underground, Project Dribble, safety from radioactivity, ground water, 5414-16
on-site radiological safety, Project Sulky, 16974
reactor safety, literature search, 5402
shipments of radioactive material, summary of incidents, 9927
challenge to supervisors, making young workers safe workers, 16519
child protection act of 1966, reports, 15942, 16121
child safety act of 1966, hearings, 15979
consumer information, price list, 2519
danger, youth lifting, 12202
demolition workers, safe work guide, 7657
drug safety, hearings, 14423, 15971
electric supply and communication lines, safety rules for installation and maintenance, supp., 5004
farms, National safety week, 11364
fire safety in construction projects (talk), 14742
general safety and health standards for Federal supply contracts under Walsh-Healey public contracts act, regulation, 12558
highway accident prevention programs (remarks), 357
highway improvements and safety, Federal-State coordination (remarks), 14328
highway program (remarks), 10036
highway safety—
interagency liaison conferences, report, 6592
research organizations and resources in U.S. directory, 9638
highway safety act of 1966—
hearings, 10264, 10368
law, 15742
reports, 12946, 12993, 16078
- Safety of life—Continued
highway safety action program, 8007
health, medical care and transportation of injured, 5130
remarks, 533
traffic, development under Federal standards (remarks), 11524
industrial safety, construction industry (series), 16517
interstate natural gas pipelines, FPC report, 8770
kit o'tips for youth and their employers, 10848
Labor Department training programs—
safe work guide, 7657
student references, 9201, 10850
labor safety, establishment in Nis, Yugoslavia, 16499
lathe chuck key incorporates safety feature, 11035
longshoring, regulations, 16526
maintenance of reactor safety when working with fissionable materials, USSR study, 13541
maritime safety data—
longshoring, 17806
shipyards, 1085, 4709, 16520-525
maritime safety digest (periodical)—
longshoring, 3181
shipyards, 3182
measures to be taken working with radio-frequency oscillators, USSR study, 915
military pyrotechnics series, 8230
mine safety—
coal mining injury experience, analysis, 4756
Federal coal mine safety act amendments—
law, 7040
report, 5794
Federal metal and nonmetallic mine safety act—
hearings, 8786
law, 15750
reports, 1840, 1843, 16072
respiratory protective devices approved by Bureau of Mines, 6287
Mission Safety 70, workshop on management, etc., of agency activities proceedings, 8928
notice to mariners, 3279-80, 5059
nuclear power reactors, safety analysis, probabilistic methodology, 12684
nuclear safety, review of recent developments, 3283
pesticides, proper handling, naval preventive medicine, manual, 17830
petroleum pipe lines, modify definition of term carrier, report, 1839
pre-employment training, safety guide, 17625
problems of radiation safety in space flights, 2439
publications, price list, 7986
radiation safety—
and health standards for Federal supply contracts under Walsh-Healey public contracts act, regulations, 11313
civil airports, 3805
considerations in preparation of license applications, notice, 1686
during space flights, 11082
railroad employees and travelers, rules, standards, and instructions for installation, inspection, maintenance, and repair of systems, etc., 16385
railroad safety, ICC operations, report, 8620
print additional copies, report, 10209
radiation safety manual, 6688
reactor safety, explosion containment laws for nuclear reactor vessels, 2502
reminders to competent person in shipyard operation, 1085
road-checks, Interstate Commerce Commission, 1964-65 data, 16386

INDEX 1966

Safety of life—Continued

safeguard our Nation's youth on the job (series), 9200, 10849, 14967
safeguarding food products and water from agents of mass destruction, USSR study, 891
safety and fire protection bulletin, 8304
Mission Safety-70 Week, bulletin, 18133
Veterans Administration, 2620, 8110, 14064
safety and special radio services, FCC applications and actions, 2916
safety conditions in Agriculture Dept. buildings, GAO review, 8999
safety dial, 1086
safety digest, AMC pamphlet, 113, 3811, 6826, 11391
safety education series, 14681-682
safety in industry—
instructor outline, 1084
mechanical and physical hazards series, 14965
teach them to lift, 4702
safety investigation regulations, SIR series, 14287
safety record, Reclamation Bureau (periodical), 3485
safety review, Navy Department (periodical), 3486
safety standards (periodical), 3487
standard first aid training course, 7967
suggested safe practices for shipyard workers, 7660-61
tire safety act of 1966, report, 8726
tire safety, regulations, hearings, 1930
traffic and motor vehicle safety act of 1961—
law, 15741
reports, 12975, 14391
traffic safety—
crossroads (remarks), 15660
Federal role, hearings, 4222, 10347, 13214
vehicle and highway standards (address), 17053
traffic safety act of 1966—
hearings, 8769, 10251-252
remarks, 5556, 8439
report, 16077
unit safety management, Army pamphlet, 6841
water recreation, drownproofing, 11364
see also Motor vehicle accidents.
Safety officers :
career opportunities, Army Department and other Federal agencies, 8389
examination announcement, amendment, 17033
Safety Patrol Week, see National School Safety Patrol Week.
Safety switches, see Electric switchgear.
Saffell, Dorothy M., labor offices in United States and Canada, 7651
Safflower :
culture in west-central plains, 30
oilseed crop, growing, etc., 16923
Sagebrush, defoliator outbreak in northern California, 2069
Saigon, Vietnam, Foreign Service buildings program, report, 5637
Sailing directions :
Africa, southwest coast, change, 12403
Australia—
north and west coasts, change, 17968
southeast coast, change, 12404
Baffin Bay and Davis Strait, change, 7955
Baltic Sea, change, 15233
Bay of Bengal, change, 9579
Bay of Biscay, change, 9577
British Columbia, change, 17965
China, change, 5054
England—
east coast, 6519
south coast, 11142
France, north coast, 5053
India, west coast, change, 6520

Sailing directions—Continued

Ireland, change, 12401
Japan, southern, change, 15236
Java, Lesser Sundas, south, southeast and east coasts of Borneo, and Celebes, change, 11145
Kattegat and Sound, change, 12402
Labrador and Hudson Bay, 11140-141
Malacca Strait and Sumatra, changes, 7957
Mediterranean, changes, 15234-235
New Guinea, change, 17967
New Zealand, change, 13893
Norway, northwest and north coasts, change, 11144
Nova Scotia, change, 7954
Pacific Islands, changes, 12405, 16745
Persian Gulf, change, 16744
Philippine Islands, central, including eastern Negros, southern Samar, and northern Mindanao, 9580
St. Lawrence Gulf and River, change, 11139
Scotland—
north and east coasts, change, 11143
west coast, change, 17966
South America, 7956
South China Sea, western shores, changes, 6521, 12406, 17969
USSR, northern, change, 2480, 9578
West Indies, change, 2479
Sailing vessels :
inland, Great Lakes and western rivers rules, amend—
hearing, 10335
report, 17313
Sailors :
civil relief act, text, 1872
Federal seafaring, additional leave, report, 17260
health, on U.S. vessels, protect, subcommittee report, 1935
medical care for seamen by Public Health Service, 5111
staffing Federal seafaring positions, 14435
see also Merchant marine.
Saint Ann's Church, Las Vegas, Nev., free entry of chipped colored glass windows, 8450
St. Augustine Quadricentennial Commission, members, increase, extend termination date, and authorize appropriations, law, 409
St. Clair, Lake, water pollution, control, etc., hearing, 17381
St. Clair River, submerged rock weirs, adequacy to withstand propeller wash, hydraulic model investigation, 11896
St. Elias Mountains, Yukon Territory, Canada, high snowfields, 9892
St. Elizabeths Hospital, D.C. :
health programs, law, compilation, 13049
pay for care, need for improved procedures, GAO report, 6012
St. Johns County, Fla. :
beach erosion control study, engineer report—
departmental edition, 14571
document edition, 14447
St. Laurent, Louis S. E., relief, 1809
St. Lawrence Gulf, sailing directions, change, 11139
St. Lawrence River and Valley :
sailing directions, change, 11139
seaway, 1965 traffic report, 8014
surface water of basin—
quality, 832
records to Dec. 31, 1963, index, 2097
St. Lawrence Seaway Development Corporation :
appropriations, 1966, public works, law, 401
appropriations, 1967, hearings, 10229
audit report, 14386
financial statements, 1965, examination, GAO report, 14724

St. Lawrence Seaway Development Corporation—Continued
 press releases, 3403
 report, 1965—
 departmental edition, 11213
 document edition, 10105
 traffic report of St. Lawrence Seaway, 8014
 transfer, message from the President, 5617
 St. Louis, Mo.:
 area wage survey, 6260
 principal electric facilities, map, 7376
 sediment investigations of Mississippi River, 17729
 Saint Lucia, *see* Windward Islands.
 St. Paul, Minn.:
 area wage survey, 9319
 commodity transportation survey, production area series, 9958
 principal electric facilities, map, 7376
 railroad accident, 2136
 St. Petersburg, Fla., quarters for Coast Guard members, savings through use of FHA owned houses, GAO report, 2085
 Sakhalin, southwestern, nature of gravity anomalies, USSR study, 14805
 Salad dressing, and related products, current industrial reports, 15558
 Salaries:
 checks drawn in favor of banks, etc., for credit of Federal employees' accounts, 5191
 Defense Dept. overseas teachers, correct inequities in compensation—
 law, 8467
 reports, 4173, 7101
 dentists and dental hygienists in local health departments, 12484
 District of Columbia—
 firemen, increase—
 hearings, 12037, 10338
 reports, 15853, 16139, 17312
 judges, retired, increase retirement salaries—
 law, 15757
 report, 16114
 police, increase—
 hearings, 10237, 10338
 reports, 15853, 16139, 17312
 teachers, increase—
 hearings, 13027, 13205
 report, 12971
 teachers performing extra classroom duties, additional pay—
 hearing, 13205
 reports, 12971, 13149
 teachers, school officers, etc., increase, reports, 16139, 17312
 dual compensation act, operations of executive branch under title 2, report, 7158
 experience under sick-pay plans, Great Britain, 18101
 Federal classified, postal, and Foreign Service employees, 14434
 Government officials and employees—
 adjust rates of basic compensation, etc.—
 hearings, 7161, 10365
 law, 12829
 reports, 8596, 10307
 back pay act of 1966—
 hearing, 5823
 law, 7044
 reports, 7078, 7179
 bimonthly statistics, 2639
 Federal personnel manual supplement, 2951
 hazardous duty pay, named classification act—
 hearings, 8788
 law, 12837
 report, 16070
 rates for positions under general schedule, amdt., 302

Salaries—Continued
 Government officials and employees—Con.
 salary comparability act, law, 403
 statutory systems, annual report, 5619
 travel time compensation, hearings, 5704
 minimum pay, amendment, to certain civil service examination announcements, 8387
 motivating employees through within-grade pay increases, 3981
 Naval Postgraduate School academic dean, repeal limitation—
 law, 15719
 report, 13181
 nonproduction workers, 1963, supplementary compensation, employer expenditures and practices, 4731
 position and pay management, supervisor development program, basic course, 11394
 postal service employees, personnel handbook, 3330
 professional, administrative, technical and clerical, national survey, Feb.-Mar. 1965, 2303
 rates, Federal classified, postal, Foreign Service employees, 7159
 Selective Service System local boards and appeal boards, increase rates, hearing, 10258
 Smithsonian Institution executive position, rates of compensation, establish—
 hearing, 15986
 reports, 17229, 17541
 State, salary ranges of positions in employment security, etc., 836, 10657
 teachers—
 city public schools, 1925-65 trends, 13618
 elementary and secondary, teaching incentive act of 1965, hearings, 5691
 see also Wages.
 Sales:
 agricultural exports, 1964 dollar sales all-time high, 628
 Agricultural Stabilization and Conservation Service reports, 3490
 automotive, occupations, employment outlook, 9210
 by class of customer, census of business, 1963, wholesale trade, subject report, errata, 208
 census of business, 1963, merchandise line sales, announcement and order form, 8323
 commodity line, census of business, 1963, wholesale trade, subject report, 1701
 department stores—
 annual distribution by months, 7417
 by departments, monthly report, 3212
 distribution by departments, 7417
 indexes without seasonal adjustment, 7417
 selected areas, monthly report, 8368
 selected cities and areas—
 monthly report, 3213
 weekly percentage, 3700
 export, promotion announcements, 2897
 large corporations, quarterly report, 3489
 prospects, 49 nations schedule fairs, worldwide agencies, etc., 13438
 size, census of business, 1963, wholesale trade, subject report, 207
 water and sewer bond, 11964
 see also names of commodities, etc.
 Sales finance companies, *see* Finance companies.
 Sales management for manufacturers, bibliography, 9644
 Sales tax, State taxation of interstate commerce, report, print additional copies, reports, 10157, 14461
 Salesmen (securities), *see* Salesmen and salesmanship.

INDEX 1966

- Salesmen and salesmanship:
 employment outlook—
 automobile salesmen, 9210
 real estate, 10864
 securities salesmen, 9273
 selling around world—
 how Commerce Department helps, 4026
 how commerce helps (address), 5545
 selling in—
 Belgium, 12781
 France, 344
 Italy, 340
 Lebanon, 11520
 Yugoslavia, 8431
 selling services for international develop-
 ment, 3868
 wholesale trade, manufacturers', retail
 stores, employment outlook, 9272
- Salinas Valley, Calif., Pancho Rico forma-
 tion, 820
- Saline water, *see* Sea water—Water.
- Saline Water Office:
 appropriations, 1967, hearings, 7113
 press releases, 3404
 program, 1967 fiscal year, review, hearings,
 8671
 report, 1965, 16371
 West Coast Test Site groundbreaking cere-
 mony (remarks), 13429
- Salinity:
 and pattern of selective ion transport in
 plants, 7513
 Atlantic ocean, distribution by subsurface
 equatorial countercurrent, USSR study,
 893
 fresh-water discharge-salinity relations in
 tidal Delaware River, 10647
 Lower Rio Grande problem, solution—
 law, 15755
 reports, 12961, 15876, 16102
 sea water, table of sigma-t with intervals
 of 0.1 for salinity, 7441
- Salish Indians, *see* Flathead Indians.
- Saliva:
 calcium determination in parotid fluid in
 weightless state, 6810
 formula for human parotid fluid collected
 without exogenous stimulation, 12639
 parotid fluid—
 corticosteroid levels, prednisolone and
 triamcinolone effects, 9368
 corticosteroid response during dexa-
 methasone suppression tests, 11383
 flow rate in subtropical climate, sea-
 sonal variations, 6813
 free 17-hydroxycorticosteroid levels in
 acute and chronic renal failure, 1627
 increased caries resistance associated
 with higher flow rate, 9866
 protein-free filtrates, preparation, 8217
 protein in patients with uremia and
 proteinuria, 9875
 steroid and electrolyte responses to
 exercise, 8219
 uric acid content collected without exo-
 genous stimulation, 9869
 uric acid responses to probenecid ad-
 ministration and to hemodialysis on
 artificial kidney, 9874
 protease levels in relation to periodontal
 status in man, 11381
 protein content of parotid fluid collected
 without exogenous stimulation, 11379
- Sallee, Kenneth H., soil survey report, Scott
 County, Kans., 5148
- Salmi, Reino J.:
 compressed-air model investigation of solid
 rocket overpressures due to interfer-
 ence from aft-end ignition rocket, 13840
 nonmetallic ablative materials as nozzle
 sections of hydrogen-oxygen rocket en-
 gine, 9510
- Salmincola, *see* Copepods.
- Salmon:
 sockeye, growth and survival in Ruth Lake
 after removal of resident fish, 17678
 spawning pink salmon, Sashin Creek,
 southeastern Alaska, distribution and
 survival of progeny, 16313
 spawning stream, effects of log jams and
 flooding, 13358
 Salmonella, reports, 9789
 Salmonellosis, interdepartmental conference,
 1965 proceedings, 11988
 Salmonidae, *see* Trout.
- Saloman, Carl H., bait shrimp (*Penaeus*
duorarum) in Tampa Bay, Fla., biology,
 fishery economics, and changing habitat,
 781
- Salt:
 concentration in fresh and smoked chub,
 7435
 conductivity, dependence on chemical na-
 ture of surface, 6427
 corrosion resistance of flame-fused teflon-
 coated magnesium and aluminum alloys
 by sodium chloride solutions, 12432
 nuclear test in salt dome, grouting mix-
 tures employed, laboratory design,
 analysis, and field control, Project Drib-
 ble, Salmon event, 3853
 salt-stress corrosion of residually stressed
 Ti-SA1-1Mo-1V sheet, 7837
- Salt Lake City, Utah:
 aircraft accident, 11486
 area wage survey, metropolitan area, 9315
 Salt River and Valley, water supply outlook
 and snow surveys, 3687
 Salt River Pima-Maricopa Reservation, long-
 term leases, reports, 14397, 17517
 Salt water, *see* Sea water.
- Saltecedar, *see* Tamarix.
- Salton Sea:
 area, water resources of lower Colorado
 River (series), 16360
 hydrologic regimen, 16360
 Salton Sea National Wildlife Refuge:
 birds, 761
 general information, 4413
 Saltonstall, C. W., jr., new polymer systems
 for reverse osmosis membranes, 4558
- Salts:
 electrochemical analysis by emf, conduct-
 ance, optical, and kinetic methods,
 16717
 fused-salt electrolytes containing alumi-
 num chloride, electrodeposition of alumi-
 num, 10923
 inorganic, high temperature properties,
 and decomposition, 17940
 mercurated phosphonium and arosonium
 salts, USSR study, 16415
 sorption and swelling characteristics of
 salt-treated wood, 17697
 viscosity in molten salts, calculation, 7901
 Saltzman, Edwin J., full-scale lift and drag
 characteristics of X-15 airplane, 7862
 Saltzman method, determination of oxides of
 nitrogen in diesel exhaust gas, 12249
 Salutsky, Murrell, mineral by-products from
 saline waters, 17737
- Salvage:
 cleaner formulations for use on corroded
 equipment, surface chemical methods,
 1376
 marine salvage and hull repair, Army tech-
 nical manual, 15520
 publications in salvage archeology, 16827
 SAM, *see* School of Aerospace Medicine.
- Sam Houston, Fort, employees relief, 8527,
 17433
- Sam Rayburn Memorial Veterans Center,
 naming, report, 10136
- Samar Island, southern, sailing directions,
 9530
- Samoa, *see* American Samoa.
- Samoa Islands, *see* American Samoa—West-
 ern Samoa.
- Sample surveys, *see* Social surveys.

- Sampling, THREE-PEE theory and program
THRP for computer generation of selection criteria, 4473
see also names of substances or objects sampled.
- Samuelli, Nora I., relief, 383
- Samuels, E. R., strontium-90 in Canadian wheat from 1963 crop year, 2541
- San Antonio, Tex.:
area wage survey, 16531
- HemisFair 1968, U.S. participation, amend act—
hearing, 15967
reports, 12957, 16166
250th anniversary of founding, commemorative medals—
law, 7046
report, 8725
- Sanatoriums, *see* Tuberculosis.
- San Bernardino, Calif.:
area wage survey, metropolitan area, 6258
commodity transportation survey, production area series, 8347
principal electric facilities, map, 7378
- San Bernardino County, Calif., potash field-spar, economic value, 2094
- Sanchez-Hernandez, Hector J., relief, 16048
- Sanchez Jerez, Ernesto, relief, 17435
- Sand:
census of mineral industries, 1963, industry statistics, 11458
cesium-137 gamma rays in sand, differential energy and angle spectra determination, 11423
performance—
sand under tire loads, WES data, dimensionless consolidation, 4336
soils under tire loads, analysis of tests, 10445
- Sand pine, *see* Pine.
- Sandblasting, portable sandblaster cleans small areas, 11034
- Sander, Donald H., height growth characteristics of Siberian elm in central Great Plains windbreaks, 8966
- Sanders County, Mont., geology of damsites on Flathead River, 2105
- Sanderson, Agnes G., agricultural economies of dependent territories in Western Hemisphere and Puerto Rico, 4285
- Sanford, F. Bruce, fishery industrial research, 10531
- Sandford, Maynard C., flutter studies of variable sweep-wing airplane, 13820
- Sandia Laboratory, AEC, photographic equipment, utilization and procurement, review of controls, GAO report, 4503
- Sandia Pueblo:
land to be given in trust—
law, 5585
report, 4115
- San Diego, Calif., area wage survey, metropolitan area, 6259
- San Dimas Experimental Forest, streamflow records, 4448
- Sandrock, Gary D., cold reduction as means of reducing embrittlement of cobalt-base alloy (I-605), 13832
- Sands, A. G., studies to improve wear durability of polytetrafluoroethylene coatings on elastomeric vulcanizates, 1378
- Sandstone, oil producing, flow characteristics, Illinois, Indiana, and Kentucky, laboratory evaluation, 12258
- Sandwich construction, *see* Cylinders—Panels and paneling—Shells (aircraft).
- Sandy Hook Bay:
phytoplankton populations, distribution, etc., 7444
zooplankton communities, 7444
- Sandy Hook to Cape Henry, coast pilot, supplement, 5532
- Sanford, F. Bruce—
commercial fisheries abstracts, 2762
fishery industrial research, 751, 10531
- San Francisco, Calif.:
aeroradioactivity survey and related surface geology of region, 11417
aircraft accident, 11485
area wage survey, metropolitan area, 9323
commodity transportation survey, production area series, 9959
principal electric facilities, map, 7378
- San Gabriel Mountains, Santa Ana winds, case study, 8964
- Sanguily, Julio, jr., relief, 11708, 17081
- Sanitarians, employment outlook, 9271
- Sanitary engineering:
industrial wastes, Army technical manual, 5370
research at SEC, 2538
sewage treatment plants, Army technical manual, 9906
Soviet conferences, 10713
- Sanitary Engineering Department, D.C., reappraisal of task system assignments for collection of refuse, GAO report, 2083
- Sanitary engineers, conference, 1965, report of proceedings and 1965-66 committee programs, 1415
- Sanitation:
buses, handbook, 16794
equipment, Federal item identification guides for supply cataloging, supplements, 2935
facilities serving rural areas, FHA insured loans, general information, 6769
Naval Medical Research Unit, agreement with Ethiopia, 8075
North Pacific claims, joint seminar, proceedings, 13984
projects supported by Agency for International Development, 4579
publications, price list, 11179
shellfish growing areas, manual, 5112
standards, fabrication of single service containers and closures for milk and milk products, guide, 15278
- USSR—
armed forces, regulations concerning services, 960
classification of industries and minimum protective zones, 9123
studies, 2259, 6152
vessel construction, standards, handbook, 5106
see also Sanitary engineering.
- San Jose, Calif.:
area wage survey, metropolitan area, 4728
commodity transportation survey, production area series, 9959
- San Juan, P.R., improved food handling facilities, 46
- San Juan Basin:
stratigraphy, Juana Lopez member, Mancos shale, 9014
western, history of nomenclature and stratigraphy of rocks adjacent to Cretaceous-Tertiary boundary, 12024
- San Juan County, Colo., manganese occurrences in Eureka-Animas Forks area, 16558
- San Juan County, Utah, geology and uranium-vanadium deposits of La Sal quadrangle, 7486
- San Juan Island National Historical Park: establish—
law, 15743
report, 15857
- San Miguel project, construct, etc., Interior Dept. report, 12854
- San Rafael, Calif., primitive area, mineral resources, 10635
- Santa Ana, Calif.:
area wage survey, metropolitan area, 12212
commodity transportation survey, production area series, 8347
winds in San Gabriel Mountains, case study, 8964

INDEX 1966

- Santa Ana Mountains, nighttime drying, 2068
- Santa Ana National Wildlife Refuge, general information, 14660
- Santa Ana Pueblo :
land to be given in trust—
law, 5588
report, 4115
- Santa Fe County, N. Mex., land, transfer to AEC, report, 17514
- Santa Maria River and Valley, ground water utilization in area, 9024
- Santamour, Frank S., Jr.:
insect-induced crystallization of white pine resins—
white-pine cone beetle, 4442
white pine weevils, 4441
- Santa Ynez River and Valley, Lompoc sub-area, suitability of irrigation water and changes in ground-water quality, 4529
- Santee National Wildlife Refuge, birds, list, 14663
- Santeler, Donald J., vacuum technology and space simulation, 16619
- Santillano, Antonio B., relief, 15822
- Santmyer, Carolee, Libya's agricultural economy in brief, 8832
- Santoro, Gilbert J., Hall coefficient of tantalum carbide as function of carbon content, 2421
- San Xavier Reservation, long-term leases, reports, 14397, 17517
- Sard, Thomas A., chance on the outside, 11867
- Sardines, Maine, firms canning, list, 777
- Sarwar, Muhammad, relief, 5740, 7023
- Sashin Creek, spawning pink salmon, distribution and survival of progeny, 16313
- Sass, A. R., current distribution in thin film superconducting strip transmission line, 7863
- Satellites :
Alouette—
electron densities and scale heights over American continents, 13726, 17890
observations in midlatitudes, electron densities and scale heights in topside ionosphere, 10980
ANNA 1B, NASA/MOTS optical observations, 4923
Ariel II, achieving design compatibility, 9504
artificial earth—
activities of Hungarian observation network, 14833
directional equilibrium, enveloping non-uniform region of gravitational field, 5072
international conference on observation held in Budapest, Hungary, program, 7604
look-angle-prediction technique, 12431
measuring ionospheric refraction of radio waves by signals, USSR study, 12192
attenuation of radiation, USSR study, 14890
attitude control systems, synthesis, use of Euler's theorem on rotations, 16696
attitude determination by Kalman filtering, 16608-609
calsphere, dual, experiment, 1365
camera development, etc., East Germany, 1033
communications—
advanced lenticular passive, from low to synchronous orbit, design studies, 13709
bibliography, 10981
deep space monitoring for space vehicles, 2435
FCC rules and regulations, 2925, 13314
government use—
hearings, 15973
report, 17345
historical background, etc., 15078
- Satellites—Continued
communications—continued
national programs, review, hearings, 7201
orderly-spaced, probabilities, time available, 1187
satellite act of 1962, report on activities, etc., 5618
earth, optical observations of earth's horizon, deriving earth-centered datum, 7880
Echo II—
ionospheric parameters derived from radar returns during solar minimum conditions, 12442
metal-polymer laminate, mechanical and physical properties, 15140
passive communications satellite, experimental and theoretical evaluation, 9505
postlaunch structural analysis, 6418
signal fading characteristics, 13715
strain measurements, 7817
electron—
collection by spherical satellite in earth's magnetic field, 17877
densities and scale heights in topside ionosphere, 13726, 17890
endless-loop tape transports, design, etc., techniques, 11050
errata, 16650
ESSA I, meteorological data, television cloud photography, catalogue, 14580
Explorer XIX, determination of mean atmospheric densities during minimum solar activity, 11059
Explorer XXIX (Geodetic Explorer), 12278
geodesy, 1958-64, significant achievements, 17889
Goddard project summary data, 9389
gravity gradient torque effect on motion of spin axis of asymmetric vehicle, 9407
infrared data, use for determination of sea surface temperature, 9440
Interplanetary monitoring platform—
IMP-I-Explorer XVIII, flight report, 7870
IMP-II Explorer XXI, flight report, 11048
Kosmos-110—
effects of flight on test dogs, USSR study, 12138
flight, Soviet notes, 13548
lunar, orbital elements, estimating by using range and range-rate measurements, study of accuracy, 4911
magnetic tape recording, technology, 2375
meteoroid puncture experiments, theoretical relationships, 6431
meteorological—
APT users guide, 1994
errata, 7341
interpretation and use of cloud data, USSR study, 2197
some aspects of interpretation and use of cloud data obtained, USSR study, 911
meteorology—
significant 1958-64 achievements, 7754
USSR study, 6106
Molniya, rainbow color transmission over 80,000 kilometers, USSR study, 4635
motion, lunar and solar effects on close earth satellites, analysis, 13845
NASA scientific, telemetry processing, 13806
Navy navigation system, 16617
Nimbus—
design, integration, and test, scheduling aspects, National Aeronautics and Space Administration, GAO review, 17714

Satellites—Continued

Nimbus—Continued
 meteorological interpretation of high resolution infrared (HRIR) data, 6328
 meteorological satellite observations, 2372
 NRL satellite position display, operation and performance, 2491
 orbital research laboratory, medical aspects, Space Medicine Advisory Group study, 15079
 Orbiting Astronomical Observatory, data converter and display system for Wisconsin experiment, 17929
 Orbiting Solar Observatory satellite, OSO I, project summary, 13722
 orbits—
 drift of 24-hour inclined-orbit in earth gravity field through 4th order, 15136
 highly inclined, numerical theory, 2408
 PCM frame synchronization strategies, computer program to evaluate, 7858
 Pegasus, measurements of meteoroid penetration, 4892
 Project EROS, program to utilize space-acquired data for natural and human resource management, 16358
 Project Relay, final report of Relay I program, 1195
 Relay II, navigation experiment utilizing, 7743
 scanning small celestial area, use of reaction wheels and nonlinear control, 15184
 scientific, wide-range temperature monitoring and compensating networks, new design approach, 16681
 sensitivity of short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271
 space communications and navigation, 1958-64, significant achievements, 7753
 space measurements survey, 13727
 spherical earth, electromagnetic torques in rarefied partially ionized atmosphere, 6471
 stabilization, passive gravity-gradient, symposium, 16620
 synchronous, drift, earth's longitude gravity field sensed by, 16658
 Syncom engineering report, 7896
 Syncom II—
 drift over Brazil, gravity data in determination of equatorial ellipticity, 9513, 13802
 tracking data on equatorial ellipticity of earth, 12336-337
 Syncom III launch, 7886
 target, visual detection with unaided eye, 15065
 TIROS—
 infrared radiation coverage of 1963 Atlantic hurricane season, etc., 12335
 meteorological data, television cloud photography, catalogue, 1535, 5900, 8867, 11902, 14579
 radiation data, tropospheric water vapor content and surface temperatures, 16606
 radiation measurements and variations in atmospheric hearing, 17874
 TOS, TIROS operational system, general information, 13852
 tracking and data acquisition, 7750
 use of double-focusing magnetic mass spectrometer, 6422
 use to determine ship's position, USSR study, 923
 weather satellites, Soviet views and developments, 14883
 see also Space stations.
 Sato, Matsue, relief, 17084
 Saturn (rocket), see Rockets.

Saudi Arabia :

desalting, agreement, 8074
 establishment of television system, agreement, 18126
 foreign trade regulations, 12786, 15649
 Jordan-Saudi Arabia boundary, study, 6635
 military facilities, construction, agreement, 5158
 mineral industry, minerals yearbook chapter, 1141, 17847
 Kuwait-Saudi Arabia Neutral Zone, 1129
 Sault Ste. Marie, Mich., policies and procedures followed in determining size of new 2d lock, GAO review, 17712
 Savannah, Ga., area wage survey, metropolitan area, 13603
 Savannah (nuclear ship) :
 executive agreements waiving sovereign immunity and limitation of shipowner's liability, opinion of Attorney General, 14959
 liability during private operation, agreement with Italy, 9729
 private operation, liability agreement with Netherlands, 11261
 Saville, Thorndike, jr., breakwaters with vertical and sloping faces, 8857
 Saving and thrift, spending and saving in urban and rural areas, 2293
 Savings accounts, see Banks and banking—Deposits (soldiers, etc.).
 Savings and home financing source book, 11915
 Savings and loan associations :
 financial institutions supervisory act—
 hearings, 15963
 report, 16101
 flow of savings and mortgage lending activity, all operating savings and loan associations, 2674
 insured, average annual dividend rates paid, 14627
 legislation recommended to provide more effective remedies (speech), 5933
 participation loan transactions, insured associations, 3313
 regulatory authority, strengthen, hearings, 11794
 savings and home financing, source book, 1965 data, 11915
 savings and mortgage activity, selected balance sheet items, FSLIC insured associations, 3010
 selected balance sheet data, all operating savings and loan associations, 2674
 trends, 7363
 see also Federal savings and loan associations.
 Savings and loans examiners, examination announcement, discontinuance notice, 14306
 Savings banks, see Banks and banking.
 Savings bonds :
 bond tips from your U.S. savings bond reporter, 2709
 5-cent servicemen-savings bond commemorative postage stamp (poster), 16783
 issued and redeemed, 3651
 payroll saving program fights inflation (remarks), 6677
 payroll savings E bonds, Silver Patriots award (remarks), 1520
 program, Federal employee participation (address), 8015
 purchase, importance in Nation's economic well-being (remarks), 6679
 regulations governing, department circular, 16877
 amendment, 18131
 retirement and savings bonds, issuance, reports, 17341, 17537
 series A-E, tables of redemption values, 1400, 7955, 11176

Savings bonds—Continued
 series E, general information—
 department circular, 9747
 amendment, 11296
 price, etc., 14008
 series H, general information, department
 circular, 11297–298, 16878
 series J, tables of redemption values, 1401,
 11177
 Silver Anniversary Year 1966 (remarks),
 1517
 some legal aspects, 2549
 voluntary payroll savings plans—
 provisions, 8101
 purchase by Government employees, res-
 cission, 15394
 Savino, Joseph M., experimental profiles of
 velocity components and radial pressure
 distributions in vortex contained in short
 cylindrical chamber, 1254
 Savitt, Jacob, optimization study of explo-
 sive-driven pile, 11397
 Sawflies, *see* Flies.
 Sawing machines, *see* Saws.
 Sawmills:
 air-drying practices, 17703
 census of manufactures, 1963, industry
 report, 6897
 hardwood—
 cants can boost profits, 17684
 circular, sawmills in Kentucky and
 Ohio, cause and cost of production
 delay, 5977
 log grading at circular mills, 5975
 how to determine seasoning degrade losses
 in lumberyards, 788
 Kentucky, lumber products, geographic
 destination and market outlets, 5979
 profits, improving through operations re-
 search, 4476
 small, cost-accounting system, 11991
 southern, industry wage survey, 17811
 west coast sawmilling, industry wage sur-
 vey, 2296
 Saws, machine mills, saws light materials,
 13799
 Sawtimber, *see* Timber.
 Sawtooth National Park, establish, hearings,
 14491
 Sawtooth National Recreational Area, estab-
 lish, hearings, 14491
 Saxman, Alaska:
 totem pole of Haida Indian, colored poster
 with—
 French text, 15407
 German text, 15405
 Spanish text, 15406, 15408
 Saxonville, Mass.:
 local protection, Sudbury River, engineer
 report—
 departmental edition, 672
 document edition, 538
 Saylor, James H., currents at Little Lake
 Harbor, Lake Superior, 6339
 Sayre, Francis B., papers in Library of Con-
 gress, register, 7684
 SB series, 3989
 SBA, *see* Small Business Administration.
 Scabies, psoroptic sheep and cattle, eradica-
 tion activities, report, 3725
 Scaffolding, prefabricated, Federal item
 identification guides for supply catalog-
 ing, supplements, 2935
 Scale:
 control for saline water conversion distil-
 lation plants, 9043
 removal of formers from sea water, precip-
 itation processes, 10677
 Scale heights in topside ionosphere, Alou-
 ette I observations, 13726, 17890
 Scale insects, generic names, annotated list,
 16931
 Scales (electronic):
 mechanism isolates load weighing cell dur-
 ing lifting of load, 6397

Scales (measures):
 interpolator facilitates reading of graphs,
 13738
 Scales (weighing instruments):
 industrial plant equipment handbook,
 11841
 mechanism isolates load weighing cell dur-
 ing lifting of load, 6397
 Scaling (psychology), *see* Psychometrics.
 Scandinavia, manpower policies, 11649
 Scandium trichloride, heat of formation
 1168
 Scanners:
 optical, use in mail handling (address),
 2509
 photoelectric, makes detailed work func-
 tion maps of metal surface, 17904
 ultrasonic recording scanner used for non-
 destructive weld inspection, 11014
 Scanning:
 electron-beam, measurement of work-func-
 tion variations, principles and instru-
 mentation, 12424
 photometer system automatically deter-
 mines atmospheric layer height, 9477
 satellite scanning small celestial area,
 use of reaction wheels and nonlinear
 control, 15184
 ultrasonic hand tool allows convenient
 scanning of spot welds, 12328
 Scarborough, William R., ballistocardiog-
 raphy, bibliography, 1203
 Scarlet fever, general information,
 USSR study, 1017
 Scattering:
 cesium-cesium total scattering cross sec-
 tion, atomic beam determination, 2436
 elastic and inelastic, of alpha particles
 from tin isotopes, 1252
 errata, 6411
 light, in snowstorms, 9889
 media, determination of extinction coeffi-
 cient, 16407
 Mie theory, analysis of F-corona, mathe-
 matical formulation, etc., 9437
 scattering by dielectric spheres in region
 of first resonance values, 12439
 Schaefer, Karl E., environmental physiology
 of submarines and spacecraft, 6282
 Scharpf, Robert F., determining age of
 dwarfmistletoe infections on red fir, 17692
 Scheduling (industrial management), *see*
 Critical path analysis.
 Scheduling (mathematics):
 computer program to improve STADAN
 station scheduling, 9501
 Scheelite, electrolyte life in winning tung-
 sten, 12259
 Scheerenberger, R. C., mental retardation
 abstracts, 3191
 Schenectady, N.Y.:
 area wage survey, metropolitan area, 13597
 commodity transportation survey, produc-
 tion area series, 9953
 Scher, Stanley H., booster recovery by use of
 hot-air balloon, 16705
 Schertler, Ronald J., charging submicron
 carbon powder for colloidal particle
 thrusters, 16703
 Scheuermann, Coulson M., compatibility of
 columbium and tantalum tubing alloys
 with refluxing potassium, 9542
 Schienbein, Allen G., off-farm commercial
 storage facilities for grain, 623
 Schiffer, Clara G., training for health serv-
 ices for mentally retarded, 279
 Schiffrin, Joseph A., depletion allowances
 for mineral production reported on U.S.
 tax returns, 7520
 Schill, E. A., cooperative State-Federal
 brucellosis eradication program, progress
 report, 9790
 Schimke, Harry E., petroleum gel as slash
 ignition aid, etc., 10584

Schloss, Samuel :
 fall 1965 statistics of public elementary and secondary day schools, 7307
 nursery-kindergarten enrollment of children under six, 10428
 statistical summary of State school systems, 1963-64, 1981

Schmeltzer, Edward, remarks, Sept. 9, 1966, 14634

Schmerling, E. R., significant achievements in ionospheres and radio physics, 9446

Schmid, P. E., atmospheric tracking errors at S- and C-band frequencies, 13811

Schmidt, Bernhard, outstanding 20th century optician, biography, USSR study, 6107

Schmidt, James F., effects of magnetic field on conduction heat transfer at stagnation point of partially ionized argon gas, 6436

Schmiege, D. C. :
 field test in southeast Alaska of bacillus thuringiensis against black-headed budworm, 13361
 mortality of overwintering eggs of black-headed budworm, etc., in southeast Alaska, 13359
 oviposition preference of black-headed budworm and host phenology, 13360

Schmitt, Dan, pine species in Harrison Experimental Forest Arboretum, 5996

Schmitt, Marshall L. :
 industrial arts education, survey of programs, teachers, students, and curriculum, 13274
 learning art of industry, 11875

Schneider, Lawrence A., address, Feb. 9, 1966, 5859

Schneider, R. T. :
 photoelectric detection of weak spectrum lines, 6345
 spectroscopic method of temperature measurement which does not require transition probabilities, 6333

Schnellbacher, E. E. :
 addresses, etc.—
 Dec. 2, 1965, 865
 Mar. 24, 1966, 6073
 Apr. 14-15, 1966, 7523
 Apr. 18, 1966, 7525
 June 1, 1966, 10659
 Sept. 1, 1966, 14780

Schniller, E. R., macroscopic waveguide and waveguide components for optical systems, 4804

Schnittker, John A. :
 addresses, etc.—
 Nov. 13, 1965, 5296
 Nov. 15, 1965, 3741
 Nov. 22, 1965, 3747
 Dec. 1, 1965, 5297
 Jan. 17, 1966, 5289
 Feb. 17, 1966, 6778
 Feb. 24, 1966, 6782

Schnitzer, Martin, programs for relocating workers used by governments of selected countries, 4040

Schoenberg, Andrew A., mathematical model, etc., for dynamic behavior of single-tube condenser, 11073

Schoettger, Richard A., electronic method of measuring hematocrits of fish, 14674

Scholars, discuss price fixing for agricultural products, USSR study, 4653

Scholarships :
 Army ROTC program, investment for your future, 3824
 health professions, program, 6581, 11187
 higher education act of 1965, questions and answers, 7312
 higher education students, provide, law, 430
 outlined by title, 645
 section by section analysis, 646

Scholarships—Continued
 Indian teen-agers, opportunities, 13425
 medicine, dentistry, osteopathy, and optometry, provide through grants to schools, law, summary, 4534

Scholten, John A., preservative treatments of field boxes on nail holding, 4467

School attendance :
 decide whether to stay in school or drop out, 9893
 drop outs, summer camp used in year-round training program, 16236

School buildings :
 construction of elementary and secondary schools, provide grants, hearings, 5690
 construction standards, revision to avoid excess seating in dining facilities, GAO report, 9002
 disaster areas, construction assistance, law, 415
 fallout shelters, design, etc., 5515
 federally affected areas, construction assistance—
 annual report, 4295
 eliminate inequities in military base closings, law 415
 preschool facilities planning, 11878

School children, *see* Children.

School districts, affected by Federal activities, effects of proposed changes in Federal aid, 7232
see also Schools.

School dropouts, *see* High schools—School attendance.

School facilities, *see* School buildings.

School libraries, *see* Libraries.

School lunches :
 fish go in schools, 4403
 get your A for health, eat type A school lunch every day, poster, 10374
 lunch at school serves the nation, national school lunch program, 20 years of progress, 16937
 menu planning guide for type A, 9829
 national school lunch act, amend—
 hearings, 13191, 17375
 reports, 13146, 15865
 national school lunch program, status after 20 years, 9833
 program, billion-dollar market for food, 15459
 special programs, administration by Agriculture Dept., review, hearing, 7106
 type A, quantity recipes, 61

School of Aerospace Medicine :
 aeromedical reviews, 91-92, 5325-26, 6809, 14188-189
 high level cobalt-60 irradiation facility, 1623
 technical reports, 93-100, 1621-27, 3792-99, 5327-36, 6810-16, 8202-20, 9863-77, 11378-384, 12628-646, 14190-196, 15489-495

School officers, *see* School superintendents, etc.

School Safety Patrol Week, *see* National School Safety Patrol Week.

School superintendents, etc., District of Columbia school officers, etc., increase salaries, reports, 16139, 17312

Schoolman's guide to Federal aid, 512

Schools :
 administrators, realistic approach to civil defense, handbook, 11492
 built with fallout shelter, 5515
 business administration, opportunities for cooperation with programs of Commerce Dept. (remarks), 338
 civil defense, current status with guidelines for action, 12743
 construction program, agreement with Burma, 15370
 counselors, inservice education, 647

Schools—Continued
 desegregation—
 law, Federal rights, 11494
 plans, revised statement of policies, 5882
 summary, 5875
 policies and guidelines, select committee to study, hearings, 17393
 southern and border States, survey 1965–66, report, 6960
 District of Columbia—
 amend act to provide for compulsory attendance and taking census, report, 13140
 hearings, 11648
 investigation, hearings, 4129
 war on poverty, task force study, 11650
 elementary and secondary, teachers' salaries, etc., hearings, 5691
 elementary, guidance services, national survey, 13272
 enrollment—
 population characteristics, census, 5487
 projections in United States to 1985, 12725
 fall enrollment approximately 53.8 million, 6924
 Federal aid, Public law 874, effects of proposed amendments on participating districts, 7232
 federally affected areas—
 entitlement by school districts under P.L. 874 and P.L. 89–10, 11826
 impact aid, hearings, 14417
 impact aid, reduction, effect, on, hearings—
 Hawaii, 14416
 Seattle, Wash., 17373
 operation assistance, 1965 annual report, 4295
 uniform eligibility requirements for assistance, law, 415
 ghetto schools are liability to all (address), 16228
 grants for construction of training facilities, etc., for health professions personnel—
 hearings, 10249, 17591
 reports, 10225, 15841, 17535
 health program, outline for school and community, 15302
 health services, focus resources, 18004
 land-rich or land-poor, 8846
 let us keep schools open (address), 4308
 local and State systems, property accounting guide, implementing, 8842
 nursing—
 space needs, guide for projecting, 13965
 student loan program, information, 18064
 programs—
 disadvantaged under elementary and secondary education act of 1965, 13268
 educationally deprived children—
 basic facts for administrators, 1975
 better schooling, 640
 eligible for Federal aid, education, answer to poverty, 4299, 13270
 public—
 bond sales, 4296
 early elementary education, 1960–61 survey, 7325
 equality of educational opportunity, 13271
 report of survey, 14551
 correlation tables, 14552
 improving instruction through title 3 of NDEA, 11874
 inheritance comes to P.S. 83, 10425
 integration, social and economic implications, 1081
 prayer, proposed constitutional amendment, hearings, 16191
 State programs for public school support, 4318

Schools—Continued
 school transfer record system for farm migrant children, 655
 small, big ideas, 7298
 Soviet, textbooks, 14565
 State school guidance officials, consultation on vocational guidance for girls, 1563
 State systems, statistics, 1981
 summer mathematics, methods of solving problems of computer programming, USSR study, 7622
 USSR, use of teaching machines, 13465
 Volusia County, Fla., integration program, 13273
 youths of 16 and 17 years of age in school, by counties of United States, 1960, map, 9973
 see also Elementary education—High schools—School lunches.
 Schools of forestry, see Forests and forestry.
 Schottky theory, thermionic conversion theoretical background, 6465
 Schrage, William F., foreign trade regulations of East Africa, 15646
 Schrager, Jules, agency-sponsored programs, after adoption, 280
 Schrider, Leo A., oil recovery by low-pressure gas drive in Keener sand, etc., Pleasant County, W. Va., 12253
 Schroeder, Harold J.:
 cadmium, 13674
 zinc, 1173
 Schroeder, Mark J., monthly fire behavior patterns, 17696
 Schroeder, W. C., application of saline water conversion processes to acid mine waters, 16374
 Schryer, David R., oxidation of molybdenum at temperatures at which its trioxide is volatile, 6472
 Schuchat, Theodor, open hearts open minds, how America welcomes foreign visitors, 7060
 Schuerch, H.:
 micromechanics of composite materials, stresses and failure mechanisms induced by inclusion, 15073
 semi-atomistic model for flaw-induced fracture in non-ductile materials, 9439
 Schuldiner, Sigmund, potential of platinum electrode at low partial pressures of hydrogen and oxygen, 17977
 Schulman, Irwin M., correlation of data from tests on nickel-cadmium batteries, 10948
 Schult, Veryl, present practices in mathematics instruction and supervision, 8850
 Schulte, John H., nuclear warfare defense, 2312
 Schultz, Clifford W., activity of manganese in liquid iron-manganese alloys, 12260
 Schultz, Leonard P.:
 fishes of Marshall and Marianas Islands, 7937
 Parapercis kamoharai (family Mugiloididae), new fish from Japan, 11225
 Schulz, Charlotte, relief, 8515, 11538, 11721
 Schuster, William T., relief, 393
 Schutz, R. H., respiratory protective devices approved by Mines Bureau, 6287
 Schutzmann, R. L., cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, soil, water and sediment, 14113
 Schweiker, Jerry W., response of complex shell structures to aerodynamic noise, 9423
 Science:
 Academy of Sciences, Belorussian SSR, annual general meeting, 16419
 Academy of Sciences, Bulgaria—
 candidates for academicians and corresponding members, 12144
 Institute of Electronics, achievements, 13526
 proceedings, 16465

Science—Continued

Academy of Sciences, Hungary—
academic awards and degrees, directive,
16481
activities of corporate organs, 13576
activities of organs of new Hungarian
doctors and candidates of sciences,
9138
awards, 6169
corporate organs after 1965 general
assembly, 6208
Mathematics and Physics Department,
report of departmental leadership,
9169
recent activities, 14859
reform of economic guidance system de-
bates, 13577
regulation of research sites receiving
support, 4606
Technical Sciences Department—
report, 10707
research status and guidance activi-
ties, 9081
Academy of Sciences, Kazakh SSR elects
vice-president, 7584
Academy of Sciences, Rumania, achieve-
ments, 17786
Academy of Sciences, Turkmen SSR, an-
nual meeting, 14894
Academy of Sciences, Ukrainian SSR,
news, 994
Academy of Sciences, USSR—
Azerbaydzhani scientists elected, 17795
Biological Science Department, scien-
tific activity of institutions, 14923
Department of Technical Sciences, tech-
nical cybernetics, news, 1035, 2221,
6213, 10811
general meeting, 6236, 16447
herald, articles, 2273, 9117
news, 7549
recent activities, 944
recent developments, 6210
vestnik, translations, 14792, 14935
aerospace, bibliography, 12287
agricultural science review, 2652
Antarctica, support for, 2503
aquatic sciences, graduate educational
grants, 4412
behavioral sciences and national security,
reports, 513, 4090
Bulgaria, progress, 14954
cadres of great science by M. A. Lavrent'-
yev, discussion, 16452
cancer story, brief look at science and
cancer, 6481
Chinese Communist, evaluation of com-
prehensive study, 16460
cold regions science and engineering—
engineering, 1639
environment, 8249
Commerce Department, background infor-
mation, 10045
Communist China—
abstracts, 2768-75
translations, 3598
Croatian workers' awards explained by
committee, 10806
earth sciences—
Communist Chinese abstracts, 2771
East European abstracts, 2868
Soviet conferences, 13583
USSR studies, 2219
East European abstracts, 2865-72
Eastern Europe, science and Communist
society, USSR study, 14929
economic and social implications, current
projects, 16741
education, decade of reform (remarks),
15540
evaluation, Yugoslavian study, 14858
exhibits, evaluation of existing criteria for
judging quality, 8295

Science—Continued

Federal funds for research, development,
and other scientific activities, 1965-67,
17964
future international meetings, world list,
3716
goals in public understanding (remarks),
16979
Government and science, hearings, 1866
higher education in U.S., report, 1867
historical, USSR study, 16397
history, machine methods of data process-
ing in research, USSR study, 7595
Hungarian events, schedule, 906
Hungarian science, translations, 9164
Hungary, scientific research, problems of
organizing, 13575
information activities of Federal agencies,
5050, 11137, 13890
interaction between space exploration,
science, and technology (address), 1288
International Congress of Pure and Ap-
plied Chemistry, scientific papers, ab-
stracts, 8281
international, new era (remarks), 14238
international notes (periodical), 3081
introductory science, textbook, 5842
Lenin prize, nominations, 6229
many faces of change (address), 9931
materials, importation agreements, imple-
ment—
hearings, 11692
law, 17138
materials, importation agreement, imple-
ment, reports, 12978-979, 17500
Moldavia, new scientific methods applied,
9158
NASA—
scientific reports for 1965, selected list-
ings, 12290
scientific satellites, telemetry proc-
essing, 13806
technical information system, how to
use, 7720
national guiding organs of scientific life in
Socialist nations of Europe, Hungarian
study, 10820
National Referral Center for Science and
Technology, 6278
nation's policy (address), 8427
natural, methodological problems of
mathematical modeling, USSR study,
12169
naval enlisted scientific education pro-
gram, status, report, 9590
Panel on Science and Technology, 7th
meeting—
papers, 8682
proceedings, 5709
philosophical aspects, USSR study, 2255
physical, national standard reference data
system—
extend service—
hearings, 15989
report, 12997
NBS, status report, 11098
radio science, 3449
journal of research, National Bureau of
Standards, 3103
radiological, protecting and improving
health through, 13988
report of Committee on Science and Tech-
nology National Citizens' Commission,
1548
reviews of data on resources, 2477, 7951,
9575
role of students in science societies in
USSR, 16394
Rumania—
science must become active and dynamic
factor in materials and spiritual prog-
ress of society, 10704
scientific research program for, 1966-
70, draft, 13578
science and cancer, teaching guide, 7932

INDEX 1966

Science—Continued
 science and society, international cybernetics conference, Herceg-Novlj, Yugoslavia, 13508
 science and your career, facts about training, 7677
 science assistant, examination announcement, 17048
 science, government, and public policy, panel—
 papers, 8682
 proceedings, 5709
 science, humanities, and Federal government, partners in progress (remarks), 8305
 science in world of widening horizons (lecture), 3860
 science, technology and future of society (address), 15658
 scientific and technical information analysis center managers, directors, and professional analysts, Ad-Hoc forum—
 directory, 12677
 proceedings, 12676
 scientific Communism, discussion of problems, USSR study, 2230
 scientific cultivation of agricultural plants, Rumanian study, 14917
 scientific information notes, national and international developments, 3494
 scientific meeting on 50th anniversary of Telecommunications Research Institute, Hungary, 7578
 scientific methods for regulating social processes, USSR study, 17757
 Socialist countries, scientific conferences and events, 14860
 special foreign currency information program, 1965 list of translations in process, 6978-79
 State technical services act of 1965—
 fact sheet, 11527
 special merit programs, 11528
 steps for State participation, 11529
 teaching activities related to space, 15036
 technical aids, examination announcement, 11501
 amendment, 14297
 technical problems, use of electronic computers for computing, USSR studies, 9120
 technology and role of Federal Government (remarks), 170
 telecommunication, and Federal government, report, 17054
 truth and consequences (remarks), 169
 truth and development of genetics in Soviet Union, 986
 Ukrainian Scientific Research Institute of Special Steels, Alloys, and Ferroalloys, poor research management, 16405
 USSR—
 abstracts, 3671-77
 achievements, 13536
 conferences, 7564, 10735
 research in biology, 1007
 current problems, 10798
 education, news, 12146
 Lenin prizes—
 awarded, 12150
 recipients, 9172
 news, 2274, 4588, 4625, 4672, 6194, 7563, 7618, 10785, 10826, 13580
 organizations, news, 14818, 14826
 physicians practicing in medical higher educational institutions, activities, translation, 14793
 probes, by French journalist, 14817
 publications, decimal classification system, 12092
 science and technological progress, 2245
 scientific conferences, news, 10727
 scientific press, criticism, 14927
 statements, 10817
 see also Life sciences—also names of sciences.

Science and Astronautics Committee, House:
 calendars, 3125
 committee prints, 530, 1867-68, 4144-45, 10269, 13060
 hearings, 1866, 5707-8, 7164, 8683, 10268, 11683, 15989, 17394
 investigations and studies, aeronautical, outer space, and other scientific research, expenses, report, 4108
 Panel on Science and Technology, 7th meeting—
 papers, 8682
 proceedings, 5709
 publications, list, 10269
 reports, 4088, 4091, 5634, 5664, 8609, 11597, 12997, 15849
 Science and Technology Commission, establish, report, 577
 Science and Technology Office, appropriations, 1967, hearings, 8651, 13193
 Scientific and technical aerospace reports, 3492
 Government-wide index, 3025, 12759
 indexes, 3493
 Scientific and technical information (USSR periodical):
 articles, 6114
 Scientific and Technical Information Committee, Federal Council and Science and Technology, subject category list, DoD-modified, 1963
 Scientific apparatus and instruments:
 development for Surveyor Project, National Aeronautics and Space Administration, GAO review, 10626
 duty free entry for certain universities, report, 16130
 exports, 1959-65, analysis, 9940
 market in France, 1773
 mishandling of equipment criticized, USSR, 9174
 scientific instruments and equipment, Japan, 4014
 Scientific basis of Party's policy, USSR, 16491
 Scientific Conference on World Literary Avantguard in Smolentsy, Czechoslovakia, 10719
 Scientific institutions, see Nonprofit organizations.
 Scientific research:
 agricultural marketing, careers, 3760
 Air Force officers, opportunities, 5324
 Air Force research, 1959, bibliography, 3773
 Army Research Office grants, general information, 11393
 atom, role of photography in nuclear research and development, 162
 basic research, applied research, and development in industry, surveys, 7950, 16740
 Bulgarian, financing system, 13529
 careers—
 agricultural engineering research, 1592
 animal disease and parasite research, 53
 soil and water conservation, 1591
 documentation, current research and development, bibliography, 6597, 15320
 Eastern Europe, unified program, 16431
 fortifying role of universities and training of cadres, USSR study, 10720
 funds for research and development—
 Federal, 17964
 industry—
 final 1963 report, 16740
 preliminary 1964 report, 7951
 Hungary, 1966 events slated, 4677
 Hungary, planning, 2260
 information, NSF programs for dissemination, 2476
 manpower, impact of Federal research and development policies, hearings, 1949
 new conditions and perspectives, Rumanian study, 10803

Scientific research—Continued
 research grants of NIH, 1965, index, 13991
 Rumania—
 needed to improve university instruction, 9136
 new guidelines, 16468
 reflected in statistics, 9111
 scientific developments and their practical use, USSR studies, 12193
 scientific documentation sponsored by NSF, price list, 7912
 scientific work at research sites, statistics, Hungary, 7580
 Ukrainian Scientific Research Institute of Special Steels, Alloys, and Ferroalloys, poor management, 16405
 USSR—
 expansion for economic development, 14897
 institutions, news, 13555
 organizational problems, 16441
 zootechnology, perspectives, Rumanian study, 12108.
see also subjects.
 Scientific satellites, *see* Satellites.
 Scientific societies, USSR activities, 16414
 Scientists:
 Academy of Sciences, USSR, Azerbaydzhan scientists elected, 17795
 activities in Department of Biological Sciences, Academy of Sciences, Belorussian SSR, 4617
 administrator, examination announcement, discontinuance notice, 8398
 Agricultural Research Service, teamwork on Delta, study of impact on pesticides on environment, 15467
 biological, employment outlook, 9212
 career opportunities—
 civilian, Air Force Dept., 15485
 crops research, 1594
 entomology research, 1593
 chemical academician N. N. Semenov, biographical sketch, 14882
 current employment market, 664-665, 14567
 earth, employment outlook, 9233
 efficiency, means of raising, USSR study, 16457
 employment in industrial research, etc.—
 final report, 16740
 preliminary 1964 report, 7951
 evaluation, Yugoslavian study, 14858
 graduate enrollment and Ph.D. output in scientific fields at 100 leading institutions, 1963-64 to 1964-65 trends, 13992
 Hungarian—
 molecular studies at Moscow State University, report, 12105
 nuclear chemistry studies at Warsaw University, report, 12104
 visit various countries, 13556
 visits Soviet institutions of organic chemistry, study trip, 9105
 impact of Federal research and development policies on scientific and technical manpower, hearings, 1949
 looking for scientists, fill your needs through Professional Placement Network, 11887
 mental activity, use of cybernetics to increase effectiveness, USSR studies, 9106
 physical, employment outlook, 9263
 radioisotopes, examination announcement, 8404
 Rumania, recruitment and training, roundtable organized by G. Cuius and T. Cazacu, 7589
 scientific and technical personnel in oceanography, 17649
 scientific manpower in Communist China, 1949-63, 2478
 scientific positions, examination announcement, discontinuance notice, 5521

Scientists—Continued
 USSR—
 activities, 16432
 biographies, 10776, 13476
 Kapitsa acknowledges shortcomings in industrial application of Soviet scientific achievements, 6128
 Krivoy Rog Mining Institute, disagreement, 16395
 News, 944, 7549, 13499, 13579
 Soviet scientists in Denmark, 13521
 training cadres in system of Committee of Standards, 13477
 work, 17777
 Scintillation, optical, over snow, ice and frozen ground, 8233
 Scintillation counters:
 low-background whole-body counting facility design, 6857
 symposium, Mar. 2-4, 1966, abstracts, 5020
 Scintillators, plastic, converts photomultiplier to ultraviolet range, 6410
 Sciulli, Joseph A., compression of video data by adaptive nonlinear prediction, 13813
 Sclerodermis canker on national forests in upper Michigan and northern Wisconsin, 13370
 Sclerosis, *see* Amyotrophic lateral sclerosis—Multiple sclerosis.
 Scoggins, Robert E., proceedings against, citing for contempt, report, 4095
 SCORE, *see* Service Corps of Retired Executives.
 Scotie response in cat, 12645
 Scotland:
 north and east coasts, sailing directions, change, 11143
 plant quarantine requirements, 14116
 west coast, sailing directions, 17966
 Scott, Charles E., jr., industry wage survey, candy and other confectionery products, 16537
 Scott, Cloyd H., special sediment investigations, Mississippi River at St. Louis, Mo., 17729
 Scott County, Kans., soil survey report, 5148
 Scott County, Va., economic and resource development, summary, 2611
 Scott's Bluff National Monument, general information, 16737
 Scout, *see* Rockets.
 Scranton, Pa.:
 area wage survey, 17815
 commemorative medal, 100th anniversary of founding—
 law, 8476
 reports, 7181, 8571
 principal electric facilities, map, 7374
 Scrap:
 automobile, potential increase in use (address), 4017
 consumption and stocks at brass and wire mills, mineral industry survey, monthly, 2710
 ferrous, use in magnetic roasting of iron ores, 7716
 fishery—
 imports, 739
 products, production, 740
 iron and steel—
 Arkansas, Kansas, Louisiana, Mississippi, Missouri, Oklahoma, and Texas, 9360
 consumption problems, 11450
 materials, defense scrap yard handbook, 14516
 Scrapie:
 eradication, new turn, 3726
 seminar, report, 11338

Screw propellers, *see* Propellers.

Screws:

- expandable insert serves as screw anchor, 9462
- machine products, census of manufactures, 1963, industry statistics, 6908

Screwworms:

- eradication in Mexico, amend act of Feb. 28, 1947—
 - hearing, 16169
 - law, 15711
 - reports, 10172, 13133
- invasion, first line of defense against, control, etc., 15464

Scribner, Bourbon F., activities of NBS Spectrochemical Analysis Section, 16718

Scrip, *see* Land scrip.

Sculpture and statuary:

- bust of Constantino Brumidi, place in U.S. Capitol, reports, 7191, 10215
- statue of Robert H. Goddard, erect, law, 422

Scupper drain attachments to vessels in dry-dock, 7656

SD series, 7270, 16214

Sea, *see* Ocean—Water pollution.

Sea food:

- irradiation, pasteurization, effect on microbial flora surviving, 5411
- recipes, 13346

Sea grant colleges, *see* Colleges and universities.

Sea ice:

- Antarctic, strength studies, 119
- heat of freezing and melting, 16956

Sea, International Council for Exploration. *see* International Council for Exploration of Sea.

Sea lampreys, *see* Lampreys.

Sea level:

- canal site, joint explorations and surveys, agreement with Panama, 12534
- Isthmian Canal, construction by nuclear methods, 152

Sea nettles, *see* Jellyfish.

Sea prudente, guía rápida para credito al consumidor, 1606

Sea urchins:

- echinoid distribution and habits, Key Largo Coral Reef Preserve, Fla., 1461
- eoene echinoids from Barbados, 18097

Sea water:

- concentrates, calcium sulfate solubility at temperatures from ambient to 65° C., 10676

conversion—

- combination nuclear power and desalting plant, engineering and economic feasibility study, 5412, 6863-64

- conceptual design of desalination plants, 846-847, 2111, 6055, 6058-59, 9034, 10662-664, 12042-43, 12045, 12055, 13430, 16370

- dropwise condensation characteristics of permanent hydrophobic systems, 9041

- evaporators, optimum brine heater outlet temperature, 12053

- freezing, research, 10672

- laminar dispersion in capillaries and counterflow transport, 851

- membrane technology, bibliography, 6066

- mineral by-products, 17737

- precipitation processes for removal of scale formers, 10677

- report, 16371

- research program 1967 review, hearing, 8671

- reverse osmosis plant, design study, 9038

- saline water systems, thermophysical properties, 12054

- scale control for distillation plants, 9543

- solar stills, study and field evaluation progress, 10675

Sea water—Continued

conversion—continued

- vapor compression distillation using secondary heat transfer media, 6063

- vapor reheat liquid-liquid heat exchange process, 14772

desalination—

- electrosorption and desorption, of sea water, 16373

- freezing and reverse osmosis, 7516

- necessity for research (remarks), 7510

- nuclear equipment of low capacity, USSR study, 2220

- nuclear power installation application with simultaneous production of electric power, USSR study, 2210

- polyelectrolyte complexes as reverse osmosis and ion-selective membranes, 6064

- reverse osmosis systems, 9042

desalting—

- engineering development of low-cost processes (remarks), 13432

- ion-selective membranes, improved, development, 16376

- northern New Jersey and New York City, engineering study, 16378

- nuclear energy, 15548

- plant in California, construction, report, 16145

- water by freezing, heat calculation of equipment, USSR study, 4649

desalting, agreement with—

- Mexico and International Atomic Energy Agency, 2582

- Saudi Arabia, 8074

desorption of carbon dioxide and oxygen, 12048

determination of dissolved gases, statistical evaluation of gas chromatography, 12428

dual-purpose desalination systems, use of Beloyarsk atomic plant reactors, 2198

hydrochemical determinations, USSR studies, 2165

ice, migration of liquid inclusions in single crystals, 6833

multicomponent ion exchange in fixed beds, operated under equilibrium conditions, 12050

nuclear power-desalting, large-scale combination project—

- hearing, 17150

- report, 17497

nucleation and growth of ice crystals, 4552

relation of salt water to fresh ground water (series), 10648

reverse osmosis for desalination, 852, 17739

salinity, table of sigma-t with intervals of 0.1, 7441

salt-water encroachment in southern Nassau and southeastern Queens Counties, Long Island, N.Y., 10648

samples from Bay of Panama, adsorption of surface-active material at surface of water, 6544

solar distillation utilizing multiple-effect humidification, 14770

solar stills, study and field evaluation, progress, 4550

temperature and salinity, Atlantic Coast, 3991

Seabees, naval construction battalions, 25th anniversary, commemorative medal, reports, 17322, 17549

Seaboard Air Line RR., accidents, 12082, 12084

Seaborg, Glenn T.:

addresses, etc.,—

- Nov. 8, 1965, 162

- Nov. 18, 1965, 170

- Nov. 19, 1965, 169

- Dec. 4, 1965, 164

- Dec. 6, 1965, 168

- Jan. 7, 1966, 3856

- Jan. 13, 1966, 3858

Seaborg, Glenn T.—Continued
addresses, etc.—continued

Jan. 17, 1966, 3860
Feb. 17, 1966, 5425
Feb. 21, 1966, 5426
Mar. 1, 1966, 5423
Mar. 10, 1966, 5418
Apr. 22, 1966, 8305
May 3, 1966, 8300
May 4, 1966, 8298
May 20, 1966, 9934
May 28, 1966, 9935
June 7, 1966, 9932
June 10, 1966, 9931
Aug. 23, 1966, 12687
Sept. 13, 1966, 14238, 14242
Sept. 22, 1966, 15543
Sept. 23, 1966, 15545
Sept. 28, 1966, 15544
Oct. 5, 1966, 15541
Oct. 6, 1966, 15542
Oct. 14, 1966, 16977, 16980
Oct. 19, 1966, 16979
Oct. 21, 1966, 15540

Sea food, heirloom recipes to treasure, 16299
Seaford, *see* Sea food.

Seal of United States, *see* Seals (numismatics).

Sealers, Federal item identification guides for supply cataloging, supplements, 2937
Sealift magazine, 3495

Sealing:
building construction materials and practices, Army technical manual, 3832
flexible plastic ring assembly makes durable shaft seal, 2386
metal ring seal prevents gas leakage, 17896

Sealing compounds, bismuth alloy potting seals aluminum connector in cryogenic application, 7792

Seals (animals):
fur seal act of 1966—
hearings, 17390
reports, 11764, 15935, 17310
fur seal sales, investigation, Pribilof Islands, Alaska, hearing, 7215
fur seals, Pribilof Islands, protect and conserve—
hearings, 10336, 17390
reports, 11764, 15935, 17310
pelagic fur seal investigations, 5964

Seals (impressions, fasteners, etc.):
improved poppet valve provides positive damageproof seal, 2381
ressure responsive seal handles static and dynamic loads, 2378

Seals (numismatics):
great seal of United States, control, report, 17245
Senate, history, print revised edition, report, 16073

Seals and glands:
bellows-type seal, use of fluid damping to reduce fatigue failures, 11041
bimetallic devices maintain constant sealing forces down to cryogenic temperatures, 13760
diffusion bonding makes strong seal at flanged connector, 11042
dynamic shaft seal reliability, improved by intermediate rotating ring, 9488
gas ingestion and sealing capacity of helical groove fluid film seal (viscoseal) using sodium and water as sealed fluids, 7666
helical groove fluid film seal (viscoseal), end effect and pressure patterns, 1262
high-pressure, low temperature electrical connector makes no-leak seal, 7759
O-rings with Mylar back-up provide high-pressure cryogenic seal, 12319
pressure seal ring may be effective over wide temperature range, 11005
pressure-welded flange assembly provides leaktight seal at reduced bolt loads, 11039

Seals and glands—Continued
seal surfaces protected during assembly, 12308
undamped bellows face seals in cryogenic fluid, dynamic instability, 4944

Seamans, Robert C., Jr.:
lecture, Mar. 15, 1966, 12379
nomination, hearing, 4208
Seamanship, *see* Navigation.
Seamen, *see* Sailors.

Search for oral health, highlights of dental research, 5212

Sears, Horace E., world grain trade, 17680

Seas, *see* Ocean.

Seasickness, *see* Motion sickness.

Seasonal reconstruction of wind field in stratosphere, 2443

Seasonal twig growth of southern browse plants, 5988

Seasonal variation of nightglow Na 1 5890-A, (01) 5577 A and (01) 6300 in tropics, 5019

Seasonal variations (economics):
seasonal adjustment of economic time series, spectral analysis and parametric methods, 273

seasonal factor method of BLS (1966), description, application on electronic computer, 13592

X-II variant of census method II seasonal adjustment program, 271

Seasonal variations in human parotid fluid flow rate in subtropical climate, 6813

Seasoning of wood, *see* Lumber.

Seats:
airline, heading and face injury potential during crash decelerations, 14243
UH-1D aircrew armored, crash survival analyses, 139

Seattle, Wash.:
area wage survey, 2300
elementary and secondary education amendments of 1966, hearing, 17373
principal electric facilities, map, 7377
reduced defense spending, potential impact, 14207

Seawalls, *see* Walls.

Seaway pilot dispatch system, district 1, operations manual, 4001

Seaweeds, control, reports, 17556

SEC, *see* Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio—Securities and Exchange Commission.

Seckler-Hudson, Cathryn, Federal textbook on citizenship, our Constitution and Government, 7504

Second-order astronomical position:
determination manual, 314

errata, 5530

Secondary education:
act of 1965—

aid to strengthen and improve educational quality and opportunities, profile of ESEA, 5881
education of handicapped children and youth, possibilities and plans, conference report, 10421
instructions for title 1, 1967 application forms, 14554
PACE, projects to advance creativity in education—
projects approved, 10429
supplementary centers and services, etc., 5879

disaster areas, financial assistance, law, 415

elementary and secondary education act—
amendments of 1966—

hearings, 13028, 14416, 17373
reports, 12989, 15924, 17342, 17499
hearings, 13226
progress under title 4, back to drawing boards, 13267

Ministry of Higher and Secondary Specialized Education, USSR, 3 recent orders, 7566

Secondary education—Continued
 population with high school education or
 more, by counties of United States,
 1960, map, 9972
 specialized, improve training of specialists
 and perfecting leadership, USSR study,
 16470
 Upward Bound, war on talent waste, 10407
 Secondary schools, *see* High schools.
 Secret Service:
 centennial medals—
 law, 11578
 report, 11773
 Secretaries:
 employment outlook, 9279
 opportunities in State Department, 8067
 Secretary of State, *see* State Department.
 Secretary's Advisory Committee on Manage-
 ment of National Institutes of Health
 Research Contracts and Grants, report,
 10656
 Securities:
 act of 1933—
 amend, hearings, 8768
 regulations S-X, 18090
 releases, SEC, 3497
 dealers, relationships under banking act
 of 1933, regulations, 4391, 14642
 amendment, 8925
 foreign, interest equalization tax act—
 extend—
 legislative history, 4150
 Senate amdt., summary, 1881
 legislative history, 17398
 income resulting from lapse of options
 written as parts of straddles, income
 tax treatment, report, 4153
 publications, price list, 17993
 salesmen, employment outlook, 9273
 traded on exchanges, annual listing, 8016
 quarterly supplement, 3499
 transactions and holdings, 3291
see also Government securities
 Securities and Exchange Commission:
 appropriations, 1967, hearings, 8651,
 13193
 companies filing annual report, directory,
 15321
 investment advisers act releases, 3086
 investment company act releases, 3087
 member, nomination of Francis M. Wheat,
 hearing, 10330
 news digest, 3269
 press releases, 3405
 releases, 2637, 2801, 3042, 3157, 3497-98,
 3538, 3625
 report—
 departmental edition, 5134
 document edition, 4061
 rules of practice, rules relating to inves-
 tigations and code of behavior govern-
 ing ex parte communications, 12498
 statistical bulletin, 3537
 Securities exchanges:
 act of 1934—
 amend, hearings, 8768
 companies filing annual reports, direc-
 tory, 15321
 regulation S-X, 18090
 releases, SEC, 3498
 code of Federal regulations, 8920
 Security, *see* Civilian defense—National
 security.
 Security and Consular Affairs Bureau, poli-
 cies, practices, and procedures, etc., hear-
 ings, 7223, 8781, 11820
 Security violations don't just happen, they
 are caused!, 14523
 Sedgewick, C. H. Wallace, natural gas liquids,
 census of mineral industries, 9951
 Sedimentary rocks, iron-rich, chemistry, 4520

Sedimentation and deposition:
 carbon deposition for thermal recovery of
 petroleum, statistical approach to re-
 search, 7715
 channel and hillslope processes, semiarid
 area, New Mexico, 12019
 clastic sedimentation in Deep Springs
 Valley, Calif., 817
 cleanup and confirmation of identity of
 pesticide residues by thin-layer chroma-
 tography, 14113
 deposition, loess-mantled Great Plains,
 Medicine Creek drainage basin, Nebr.,
 17717
 erosion and sedimentation in semiarid
 environment (series), 817, 12019, 17717
 fluvial sediment in—
 Little Arkansas River basin, Kans.,
 14754
 Little Blue River basin, Nebr. and Kans.,
 17728
 Heart River drainage basin, N. Dak., 14755
 organic matter in abyssal sediments of
 Black Sea, USSR study, 6149
 sediment—
 environmental radiation surveillance,
 sample preparation, 15277
 investigations of Mississippi River at
 St. Louis, Mo., 17729
 transport in alluvial channels (series),
 13407
 transport problem, general physics ap-
 proach, 12021
 yield of Castaic watershed, Calif.,
 quantitative geomorphic approach,
 2103
 sedimentation in—
 Brownell Creek subwatershed 1, Nebr.,
 16363
 small drainage basins (series), 14754,
 16363
 total bed-material discharge in alluvial
 channels, 4526
See the United States, market in Great
 Britain for travel to U.S., main findings
 of study, 1527
 Seebeck coefficients, *see* Coefficients.
 Seed crops, *see* Crops.
 Seedbeds, shortleaf pine stands 5 years after
 seedfall on prepared sites, 5989
 Seeded reactors, *see* Reactors (atomic).
 Seeding, *see* Forest planting—Sowing.
 Seedlings, *see* names of plants or trees.
 Seeds:
 atomic-irradiated seeds, changes you can
 expect, 5428
 blue spruce, performance of 7 seed sources,
 14704
 Federal seed act, amend—
 hearing, 15952
 reports, 15912, 16152
 Federal seed act, general information,
 14510
 field, acreage, yield, production, etc., 5175
 foreign agriculture circulars, 2987
 germination, light effects, experiments,
 etc., 8150
 radiation experiments—
 9th and 10th grade students, 5420
 students beyond 10th grade, 5421
 seed crops—
 forecast, 3500
 prices, 3501
 stock report, 3502
 southern pine, cone and seed yields from
 controlled breeding, 10610
 treated seed, labeling requirements under
 Federal seed act, 4234
see also Conifers—Grasses—Planters
 (seed)—*also* names of plants.
 Seefeldt, August C., relief, 16033
 Seefeldt, Merritt A., relief, 16033
 Sefer, Richard G., unused manpower, Na-
 tion's loss, 16514
 Seeman, J. S., deck motion simulator pro-
 gram, 16671

- Seepage, rain, building decay associated with, 16942
- Segmented ball valve is easy to open and close, 11002
- Segregation, *see* Race problems.
- Seguro hipotecario de la vivienda de la FHA, 7368
- Seidel, Kenneth W., seeding shortleaf pine in Missouri Ozarks, 10592
- Seiden, Jacob, research review, Office of Aerospace Research, 3471
- Self, Alvin, minimization of heat input for manned vehicles entering atmosphere, 9544
- Seismic measurements:
multiply reflected waves during vertical seismic profiling, USSR study, 13451
strong motion, Nevada test site—
Project Dugout, 1682
Project Pre-Schooner, 1681
- Seismic waves, *see* Tsunami (tidal wave).
- Seismicity, *see* Seismology.
- Seismographs, seismometer designed for remote operation in random orientation, 7761
- Seismography, *see* Seismology.
- Seismology:
earth's crust structure determined by study of seismic waves, USSR study, 4664
ground motion and containment, Project Dribble, 5415
ground shock effects due to Rayleigh waves generated by sonic booms, 9424
moon, problems of seismic studies, USSR study, 6104
seismic decoupling of nuclear level, experiment, Project Dribble, Salmon event, Vela Uniform program, Tatum Salt Dome, Miss., 3850-53, 5414-16, 6868
seismic design for buildings, Army technical manual, 14223
seismic survey, northwest Greenland, 15509
seismicity of Alaska, 12763
seismography, USSR study, 2271
seismological bulletin (periodical), 3503
Antarctic, 2680
engineering, 3439
South Pole-Byrd supplement, 3504
see also Earthquakes.
- Seismometers, *see* Seismographs.
- Selberg, Bruce P., shock tube determination of drag coefficient of small spherical particles, 7739
- Selby, Rose T., arbitration procedures, 10858
- Selective service, *see* Conscription.
- Selective Service Board, appropriations, 1967, hearings, 13193
- Selective Service System:
administration and operation, review—
hearings, 13020
interim report, 13021
appropriations, 1966, supplemental, proposal, 5608
appropriations, 1967, hearings, 8651
brief description, 5682
local board memoranda, 3162
local boards and appeal boards, increase compensation, hearing, 10258
present operations of system, including local draft boards, memorandum, 5720
regulations, 3512
report, 1965, 11216
- Selenides, yttrium, thermoelectric properties, 17860
- Selenium:
mineral market report, quarterly, 3513
radiochemistry, 1679
use as bonding agent for light-activated switch, 1205
- Selenium isotopes, radiochemistry, 1679
- Self-employed, *see* Employment.
- Self-enumeration as method for 1970 census of housing, 12731
- Self-organizing systems, 1963, papers, 7969
- Selke, George, dinner honoring, sponsored by Ft. Snelling Historical State Park Association (remarks), 1604
- Selling, *see* Salesmen and salesmanship.
- Selling to AEC, 15546
- Selling to Navy prime contractors, 1387
- Sells, S. B., psychological measures used in health examination survey of children, 8004
- Semantics, USSR study, 17770
- Semenko, Mykola P., biography, USSR, 13479
- Semenov, N. N., Soviet chemical scientist, biographical sketch, 14882
- Semi-atomistic model for flaw-induced fracture in nonductile materials, 9439
- Semiautomatic device tests components with biaxial leads, 13772
- Semicircular canals, role of vestibular organs in exploration of space, 6353
- Semiconductor counters:
lithium-drifted silicon surface-barrier, manufacture, 15166
symposium, Mar. 2-4, 1966, abstracts, 5020
- Semiconductors:
devices—
superior photoengraving process, 16607
USSR all-Union scientific session devoted to radio day, 14828
forms biomedical radiation probe, 12297
medium- and high-power monocrystal rectifiers, USSR studies, 13545
radiation used to temperature compensate semiconductor strain gages, 10995
single-crystal—
films grown on foreign substrates, 11019
rectifiers of medium and high power, East German study, 12136
surface characteristics, apparatus presents visual display, 9491
thin-film semiconductor rectifier has improved properties, 4849
- Seminar on Manpower Policy and Program, proceedings, 1081, 6252
- Senate:
appropriations, 1967, legislative—
amendments, 11699
hearings, 16171
law, 15727
reports, 13168, 14395
calendar, executive, 3144
calendar of business, 3128
committee funds authorized and expended for inquiries and investigations, staff study, 5825
delegation—
6th Mexico-United States Interparliamentary Group, meeting report, 10344
visit to Japan, India, Pakistan, Afghanistan, and Israel, report, 5811
general information, 10275
journal, 89th Cong., 1st sess., 4157
journal of executive proceedings, 89th Cong., 1st sess., 1883
index, 4156
Members, nomination and election, Federal and State laws, summary, 10276
print as Senate document, report, 10294
seals, history, print revised edition, report, 16073
Secretary Johnston, tributes upon retirement, 540
Secretary, reports, 5717, 14450
standing rules, study, authorization, report, 4202
telephone directories, 536, 10274
travel regulations, 8790
- Senate documents, 537-541, 1884-86, 4158-61, 5716-20, 7171-72, 8688-91, 10276, 11697-699, 13064-69, 14447-451, 17403-408
- Senate executive documents, 7173-74, 10277, 13070-91, 14451-452, 15999-16000
- Senate executive reports, 1887, 10278-279, 16001-2

Senate reports :

- private bills, 542, 1888-1908, 5721-50, 7175, 8692-8721, 11700-734, 13092-122, 16003-64, 17409-458
- public bills, 543-564, 1909-25, 4162-4207, 5751-91, 7176-97, 8722-59, 10280-321, 11735-783, 13123-188, 14453-468, 16065-167, 17459-562

Senders, J. W., visual sampling behavior of human observers, 9408

Senegal :

- background notes, S050
- mineral industry, minerals yearbook chapter, 2342

Seney National Wildlife Refuge, general information, 16300

Senior citizens, *see* Aged—Aging.

Senior Citizens Month, new day for older American, guide to community action, 9617

Senra, Antonio J., and wife, relief, 15670

Sense organs, sensory disease, film guide, 13976

Sensitivity :

- antibiotic, and phage type of staphylococci isolated from monkeys and their human handlers, S207
- color, differential in purple region, 6284
- noncontacting vibration transducer has constant sensitivity, 4885
- short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271

Sensors :

- detects hydrocarbon oil contaminants in fluid lines, 6394
- earth-observation spacecraft, sensor requirements and experiments, 16604
- flight type oxygen partial pressure sensor, 15046
- passive environmental, use in testing human sensitivity to vibrotactile stimulation, 3784
- photovoltaic solar, use in spacecraft orientation control systems, 6447
- remote, surface-fitting program for areally-distributed data, 1182
- temperature, electrically conductive fibers thermally isolate, 13784
- X-15 spherical, hypersonic flow-direction, characteristics, 1253

Sentences (legal) :

- appellate review, provide, hearings, 10352
- sentencing and parole process, 14081

Seo, Kenzo, optimal property of sequential decision procedures related to Bayes solutions, 9410

Separation (military) :

- disability separation, facts for your future, 14205

Separation processes :

- combustion chamber inlet manifold separates vapor from liquid, 6378
- quantitative separations, report, 5012
- automatic fluid separator supplies own driving power, 4845
- centrifugal, industrial plant equipment handbook, 13247
- see also* Magnetic separators—Pneumatic separators.

Sesquatchie River and Valley, economic and resource development, summary, 2610

Sequential decision rules for multiple choice problem, 9411

Sequential tests, optimal property of decision procedures related to Bayes solutions, 9410

Serbo-Croatian language, Foreign Service Institute basic course, 6639

Serial set (congressional), 366-369, 1784-86, 4034-36, 5566-68, 7019, 8446-48, 10054-57, 11532, 12801, 14332-333, 15665-667

Serials :

- copyrighted, catalog of copyright entries, 4238
- National Bureau of Standards Library, 12384

new serial titles—

- alphabetical arrangement, 3266
- classified subject arrangement, 3265

Series ISPO 1, 3937-38, 6937, 15596, 17012

Serlemitsos, Peter, intensities and charge composition of low energy electrons at balloon altitudes, 2413

Serology, toxic and serological shifts in blood of burned animals, USSR study, 14879

Serpan, C. Z., jr., radiation damage surveillance of power reactor pressure vessels, 12430

Serpentine, serpentinites from crest of Arabian-Indian ridge, 12189

Serpentinites, *see* Serpentine.

Serra das Varas, Brazil, marshes, 9165

SERT-I, *see* Spacecraft.

Serum and serumtherapy :

- calcium determination in weightless state, 6810
- cholesterol and glycerides in human serum, simplified test tube method for analysis, 12640
- corticosteroid levels, prednisolone and triamcinolone effects, 9868
- fluorescent-serological technique for studies on B.anthraxis and B.cereus antigens, USSR, 10833
- human serum—
 - lipids, analysis for clinical investigation, 1620
 - precipitation production in rabbits, variation in response to primary injections, 9870
 - precipitin response by rabbit population, comparison of stresses, 8218
- serum and parotid fluid free 17-hydroxy-corticosteroid levels in acute and chronic renal failure, 1627
- see also* Biological products.

Servants :

- employment outlook, 9243
- social security—
 - coverage for household employees, 12510
 - good news for household workers, 15328
 - household employer's tax guide, 855
 - women private-household workers, fact sheet, 6705

Service, Alfred L., evaluation of western phosphate industry and its resources, 13691

Service and regulatory announcements, Consumer and Marketing Service, 1955, 4235-36, 7245-46, 10376, 11837, 16203

Service contract act of 1965, *see* Government contracts.

Service Corps of Retired Executives, how volunteer members aid small businesses, 6600

Service establishments, employment of full-time students at special minimum wages, regulations under fair labor standards act, 14072

Service industries :

- census, 1963, selected services—
 - area statistics, advance reports, 2737
 - summary statistics, advance reports, 2738
- East European, translations, 3605
- machines, census of manufactures, 1963, industry statistics, 6911

Service-station attendants, employment outlook, 9210

Service stations, employee earnings and hours in retail gasoline service stations, 13613

Service trades :

Alaska, 1963, special census report, 6886
census of business, 1963—
area statistics, 197-198, 3877-80, 6884
employment size, selected services, 200
legal form of organization, 202
receipts size, 199
single units and multiunits, 201
subject reports, 199-203, 1699, 6885
equipment, Federal item identification
guides for supply cataloging, supplements, 2934
recordkeeping systems, bibliography, 1458,
9643
training in service occupations under man-
power development and training act,
7642

Service, USDA's report to consumers, 3514
Servicemen, *see* Armed Forces—Mechanics
(persons).

Servomechanisms :

altimeter displays, evaluation, final re-
port, 7975
miniature accelerometer, force-balanced,
1216

SESOC Advisory Committee, *see* Surface
Effect Ships for Ocean Commerce Advisory
Committee.

Setien, Alberto J. E. Oteiza, *see* Oteiza,
Alberto.

Settlement of Investment Disputes, Inter-
national Center, *see* International Center
for Settlement of Investment Disputes.

Sever, Bruce B., market factors in Panama,
12784

Severance, Roger D., market for U.S. prod-
ucts in Iran, 7526

Severance pay, *see* Wages.

Severin, R. Keith, Bulgaria's agricultural
economy in brief, 627

Sewage :

community treatment needs under con-
struction grants program, 7429
disposal by Federal installations, report,
12913
disposal system, agreement with Canada,
15372
sanitary and industrial waste sewers,
Army technical manual, change, 5369
separating storm and sanitary sewers in
urban renewal, report, 15847
sewage and water works construction,
contract awards, 16292
sewer bond sales, 11964
sewer facilities, grant program, guide,
6048
sewer pipe in sewerage utilities, regional
requirements, 5435
sewer system as provided under Housing
and urban development act of 1965,
Federal grant assistance, 4541, 6049
sewer works construction, labor and mate-
rial requirements, 16534
treatment equipment, Federal item iden-
tification guides for supply cataloging,
supplements, 2935
treatment plants, Army technical manual,
9906
water and sewage plant operations, train-
ing course, 2635
water and sewer facilities grant program,
HUD information series, 6049

Seward Peninsula, tin-lode investigations,
Cape Mountain area, 6323

Sewer pipe, *see* Pipe and pipe fittings.

Sewerage, *see* Sewage.

Sewers, *see* Sewage.

Sewing machines :

how to teach, use and care, general infor-
mation, 3764
industrial, industrial plant equipment
handbook, 7257

Sex :

evolutionary role of division into 2 sexes,
USSR study, 14846
migration of population by sex (series),
631, 7295
projections of white and nonwhite popu-
lation to 1985, by sex, 14275
revised projection of population to 1985
by sex, 6927
why 2 sexes, USSR translation, 9160

Sex attractants, *see* Insect attractants.

Sextants :

measures spacecraft altitude without
gravitational reference, 7797
optical-inertial space, for advanced space
navigation, 10964
sighting performance in measuring angle
between stationary simulated star and
stationary blinking light, 13822
SFCSI, special foreign currency science in-
formation program, 6978-79

Sferics, papers, 1536

Shackelford, James M., bibliography of
membrane technology pertaining to saline
water desalination, 6066

Shacklette, Hansford T., phytoecology of
greenstone habitat, 13396

Shad, juvenile American shad populations,
comparative study by fin ray and scute
counts, 7442

Shade trees, *see* Trees.

Shadomaster measuring projectors, duty-free
entry, 376

Shafey, Shreif, relief, 17429

Shaffer, Paul F., packaging produce at cen-
tral warehouse, 1589

Shaffer Trucking, Inc., accident, 9057

Shaft sinking, presplitting flood control gate
shaft, Littleville Dam, Huntington, Mass.,
mining method, etc., 1110

Shafts :

dynamic shaft seal reliability, improved
by intermediate rotating ring, 9488
encoder presents digital output, 17902
flexible plastic ring assembly makes durable
shaft seal, 2386
plugged hollow shaft makes fatigue-
resistant shear pin, 6403
rotating, friction device damps linear
motion, 4867
torque, noncontacting transducer meas-
ures, 6374

Shahbender, R., laminated ferrite memory,
9393

Shale :

Mancos, Juana Lopez member, in San
Juan Basin, N. Mex., stratigraphy, 9014
organic-rich, or United States and world
land areas, 2102
shelf and eugeosynclinal black shales, ele-
ment distribution, 10632
see also Oil shale.

Shale oil, components, methylpyrroles, butyl-
pyrroles, and isopropylpyrroles, thermal
reactions, 6314

Shanklin, Edward H., comparative effects of
experimental and conventional seed cotton
drying system on cotton fiber properties,
6755

Shanley, F. R., ceramics as structural ma-
terials, 17883

Shannon, Ira L. :

glucose tolerance responses in young adults
of sharply contrasting periodontal
status, 6815
increased caries resistance associated with
higher parotid fluid flow rate, 9866

parotid fluid—

corticosteroid response in normal sub-
jects during dexamethasone suppres-
sion tests, 11383
steroid and electrolyte responses to
exercise, 8219

uric acid responses to probenecid ad-
ministration, etc., on artificial kidney,
9874

INDEX 1966

- Shannon, Ira L.—Continued
physiologic chemistry of human oral secretions—
total protein content of parotid fluid, 11379
uric acid content of parotid fluid, 9869
protection of enamel surfaces by stannous fluoride prophylaxis pastes, 6816
protective performance of stannous fluoride-zirconium silicate prophylaxis pastes, 8208
seasonal variations in human parotid fluid flow rate in subtropical climate, 6813
Shapes, learning different shapes, games for children over 2 years old, guide for parents, 8165
Shapes (metal) :
Federal item identification guides for supply cataloging, supplements, 2935
structural, lifting clamp positively grips, 10989
Shapiro, Bernard, ascorbic acid protection against inactivation of lysozyme and adolase by ionizing radiation, 1625
Shapiro, H., mass spectrometric analysis of DC 704 diffusion-pump oil fragmentation, 1248
Shapiro, P., calculations on uniform-field bending magnets, 1359
Shapiro, Sidney :
fisheries of—
Chile, 7433
Japan, 10323
Norway, 7434
Shapiro, Sidney S., and wife, relief, 13120, 14347
Sharks :
fishing gear, historical review, 10526
general information, 4404
Sharp, A. L., development of procedure for estimating effects of land and watershed treatment on streamflow, 8171
Sharp, Freeman W., passports and right to travel, 17378
Shaw, William H. :
remarks—
June 22, 1966, 11526
Aug. 17, 1966, 14321
Sept. 30, 1966, 15642
Oct. 1, 1966, 15657
Oct. 13, 1966, 15644, 15652
Shaw, Miss., motor carrier accident, 6093
Shaw Junior High School :
early land acquisition—
law, 15746
reports, 12916, 17486
Shawe, Daniel R., beryllium content of volcanic rocks, 9012
Shawsheen, Mass., railroad accident, 6096
Schuchinski, Louis, relief, 5738, 7022
Shea, E. P., corrosion in carbon steel heat transfer surfaces, 4557
Shea, R. A., visual detection of point source targets, 15065
Shear (mechanics) :
plugged hollow shaft makes fatigue-resistant shear pin, 6403
Sheck See Hom, *see* Hom Sheck See, and wife
Sheds, storage for fertilizer, 40 ton capacity, 14146
Sheehan, W. C., ion-selective membranes for desalting water, 16376
Sheep :
foot rot, 14136
on feed, 6663-64, 8091
production, use chemicals safely, 9831
raising small flock, 12600
scabies eradication activities, 3725
scrapie seminar, report, 11338
stocker and feeder, shipments, 3515
tick-borne encephalitis virus, experimental infection, USSR study, 1001
see also Bighorn sheep.
Sheep ranches, *see* Ranches.
Sheep ranges, *see* Range lands.
Sheet glass, *see* Glass.
Sheet metal :
Federal item identification guides for supply cataloging, supplements, 2935
heating of bilayer sheet in welding with laser beam, USSR study, 16463
parts, large, formed by explosive force of primacord grid, 4851
strip unrolls to form circular boom, 4869
weld edge, forming by electrical upsetting, 11040
Sheet metal workers :
employment outlook, 9275
supervisor, examination announcement, 9993
Sheet-plastics, use for inert-gas welding, etc., enclosure, 1214
Sheets, current industrial reports, 263
Sheifer, Victor J., supplementary compensation for nonproduction workers, 1963
employer expenditures and practices, 4731
Shekarchi, E. :
mineral industry of—
Ceylon, 1118
Cyprus, 1120
Ethiopia, 7692
Iran, 4766
Israel, 4768, 15016
Jordan, 4770, 15017
Pakistan, 4772
Republic of Sudan, 6304
Syrian Arab Republic, 4778, 17848
Turkey, 6308
Shelbyville Dam, spillway and outlet works, hydraulic model investigation, 11897
Sheldahl, Robert E., effect of discontinuities in surface catalytic activity on laminar heat transfer, etc., 15198
Sheldon, John W. :
atomic beam determination of cesium-cesium total scattering cross section, 2436
cross section for impact ionization of H(ls) atoms by H(ls) atoms near threshold, 2420
Shell model, *see* Excitation curve.
Shellfish :
Alabama landings, 2672, 13330
California landings, 2724
depuration plant design, 13962
fish go in schools, use in school lunches, 4403
Florida landings, 2980, 10522
Georgia landings, 3022, 16296
growing areas, sanitation manual, 5112
Louisiana landings, 3171
Maine landings, 3174, 10520
Maryland landings, 3185, 13338
Massachusetts landings, 3186
Mississippi landings, 3205, 13340
New Jersey landings, 3260, 10519
New York landings, 3267, 8934
North Carolina landings, 3276, 13335
Rhode Island landings, 3480, 8936
sanitation research, Northwest planning conference, proceedings, 2526, 15276
shippers, list, 2742
South Carolina landings, 3522, 13336
Texas landings, 3575, 13337
Virginia landings, 3683, 16295
Shells (aircraft) :
anisotropic viscoelastic sandwich shells, 6344
sandwich shells of revolution, local stability, 6474
theoretical elastic mismatch stresses, 4975
Shells (structural) :
aerodynamic characteristics of tension, shell shapes at Mach 3.0, 16690
analytical mechanics, fundamentals, 1281
complete spherical, buckling, 15057
complex structures, response of aerodynamic noise, 9423
conical, with free edges, flexural vibrations, 6335

Shells (structural)—Continued

- cylindrical—
 - analytical methods used to determine modal characteristics, 16618
 - and hemispherical, axisymmetric response to time-dependent loading, 15069
 - boundary conditions influence on buckling load under axial compression, 15061
 - buckling of end closures by internal pressure, 13718
 - sandwich construction, buckling, effect of face-sheet stiffness, 11074
 - fiberglass container shells form contamination-free storage units, 11011
 - paraboloidal thin-walled thermal distortions, 15161
- spherical—
 - segments vibration, Green's function approach, 16611
 - shell with non-axisymmetric boundary, analysis, 16595
 - stress near curvilinear holes in shells, 9547
 - stressed state near curvilinear orifices, 9548
 - tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
- thin-shell—
 - construction, Army technical manual, 1651
 - theory, dual formulation, 15067
- Shelter belts, tree planters' notes, 2081, 6000, 8979, 10615
- Shelters (air raid), *see* Air raid shelters.
- Shelters (protective), *see* Protective shelters.
- Shelterwood harvest methods and results for coniferous species, 1930-64, 10613
- Shelton, Robert M., proceedings against, citing for contempt, report, 4092
- Shenkel, William M., unfinished but habitable home, 839
- Shenyang, Manchuria, *see* Mukden, Manchuria, China.
- Shepard, Harold H., fertilizer situation for 1965-66, nitrogen, phosphate, potash, 8141
- Shepardson, Chas. N., remarks, Jan. 29, 1966, 4390
- Sheppard, Richard A., potash feldspar of possible economic value in Barstow formation, San Bernardino County, Calif., 2094
- Sherer, Alan D., analysis of linearized supersonic flow about pointed bodies of revolution by method of characteristics, 16659
- Sheridan, Eugene T.:
 - coke and coal chemicals, 14998
 - coke producers in U.S., 15002
 - fuel briquets and packaged fuel, 15006
 - peat, 16568
- Sheridan, Matthew J., mineral industry of Nebraska, 1135
- Sheridan, William H.:
 - legal bibliography for juvenile and family courts, 9974
 - standards for juvenile and family courts, 9976
- Sheridan County, Wyo., ground water resources, 12029
- Sherman, Kenneth, zooplankton in coastal waters of Gulf of Maine, 13349
- Sherman, May:
 - comparative, veterinary, and primate cardiovascular research, 5026
 - heart disease and the psyche, 12472
 - rheumatic fever and rheumatic heart disease, etc., 18076
- Sherrill, William W., nomination, hearing, 5800
- Sherwood, T. K.:
 - research on saline water conversion by freezing, 10672
 - saline water conversion by freezing and reverse osmosis, 5166

- Shettel, Harris H., evaluation of existing criteria for judging quality of science exhibits, 8295
- Sheung Wan Ng, *see* Ng, Sheung Wan.
- Shiawassie National Wildlife Refuge, general information, 10335
- Shideler, John L., flutter at Mach 3 of thermally stressed panels, etc., 13817
- Shielding:
 - clamshell-type heat shield, motion on deployment from parent vehicle, 7831
 - heat-shield char-front recession, determination with nucleonic technique, 9511
 - shrinkable sleeve eliminates shielding gap in RF cable, 4880
 - spacecraft, deployed-heat-shield impact attenuation systems, landing characteristics, 4901
- X-ray, medical and dental, guidance for design, 16962
- Shields, William R., Analytical Mass Spectrometry Section, instrumentation, etc., 15209
- Shields, magnetic, circular, facilitates electron beam welding of coppermonel, 11009
- Shigo, Alex L.:
 - decay and discoloration following logging wounds on northern hardwoods, 11994
 - organism interactions in decay and discoloration in beech, birch, and maple, 8974
- Shiller, William R., aerodentalgia under hyperbaric conditions, 14995
- Ship models (Church decoration) duty-free entry for Lutheran Church of the Covenant, 17186
- Ship mortgage insurance fund, *see* Federal ship mortgage insurance fund.
- Ship Structure Committee, serial no. SSC, 2551, 5135, 9641, 14009-10, 18091
- Shipbuilding:
 - construction differential subsidies, extend 55-percent maximum rate—
 - hearings, 10256, 11796
 - law, 15759
 - reports, 10318, 14402
 - equipment, census of manufactures, 1963, industry statistics, 8338
 - Federal ship mortgage insurance, financing of construction, reconstruction, etc., 2310
 - high-manganese, low-carbon steel for welded heavy-section ship plate, mechanical properties, 14010
 - history of experimental basin, USSR study, 6247
 - modern ships for greater prosperity (address), 4745
 - repairing, shipbuilding and shipbreaking, ventilation for control of flammable atmospheres, maritime safety data, 16524
 - USSR, 9092
 - vessel construction, sanitation and rat-proofing, standards, handbook, 5106
- Shipfitter, 1 & C, Navy training course, 7966
- Shipments:
 - air agricultural commodities, recent trends and prospective developments, 7286
 - anti-friction bearings, manufacturers shipments, 16988
 - defense-oriented industries, 1963 census of manufactures, 6915
 - manufacturers', current industrial reports, 3179
 - see also* names of articles shipped.
- Shippers:
 - and receivers of fresh fruit and vegetables, selected Government services used, 16728
 - commodity transportation survey, preliminary reports, 212-222, 3909, 5452-53
 - interstate milk, certification under State-PS cooperative program, 5113
 - ocean freight rate guidelines, 12770

INDEX 1966

Shipping:

- act of 1916—
 - and related acts, as amended through 89th Congress, 1st session, compilation, 7156
 - clarify—
 - hearings, 572
 - law, 446
 - exemptions, reports, 14456, 17293
 - act of 1916, amend—
 - hearings, 14478
 - law, 405
 - reports, 16109, 17314
 - acts regulating maritime industry (remarks), 5938
 - code of Federal regulations, 7405, 8917, 10499, 11936, 16277
 - critical parts are stored and shipped in environmentally controlled reusable containers, 12300
 - critical times for American merchant marine (remarks), 702
 - demands of our Nation (remarks), 4746
 - domestic offshore and foreign waterborne commerce (remarks), 10477
 - element in transportation's evolution, development needed (statement), 16549
 - foreign nations, discriminatory practices, reports, 14479
 - foreign trade—
 - summary reports, monthly, 3641
 - waterborne statistics, monthly report, 3650
 - waterborne trade area by coastal district, monthly report, 3000
 - Government generated cargo, impact on U.S.-flag foreign trade fleet, 454
 - Government regulation and control (remarks), 7370
 - intercoastal act of 1933, equalize penalties, report, 1916
 - international maritime traffic, convention, 13086
 - laws, consolidate and reenact—
 - hearings, 17575
 - report, 14457
 - maritime services, radio stations on land, shipboard, etc., FCC rules and regulations, 2922
 - military cargoes, prevent use of vessels built or rebuilt outside U.S., etc., restrict shipments to U.S. vessels, hearings, 17575
 - military cargoes, reduced ocean freight rates, by U.S. flag vessels—
 - hearings, 14478
 - reports, 16109, 17314
 - ocean shipping, conference system and free enterprise (remarks), 7369
 - regulatory functions of Federal Maritime Commission in country's commerce (address), 700
 - restrictions on grain sales to Eastern Europe, hearings, 575
 - statistical classification of U.S. waterborne exports and imports, 8369
 - trends in marine transportation (remarks), 10904
 - Vietnam, policy review, hearings, 7155, 10255
 - weather service, 5230
 - see also* Merchant marine—Transportation—Water carriers.
- Shipping clerks, occupations, employment outlook, 9274
- Shipping conferences, steamship lines in foreign commerce of U.S., approved conference, rate and interconference agreements, 8900
- Shipping containers, *see* Containers.
- Ships:
- acoustic ray ship positioning and tracking system, 6545
 - advanced maritime transportation, age of larger, faster ships (lecture), 6280

Ships—Continued

- American ships chart America's future (remarks), 10902
- and marine equipment, 2940
- cargo and miscellaneous vessels, Coast Guard rules and regulations, 10009
- Coast Guard authorization for procurement, 1967—
 - hearings, 5700, 10332
 - law, 7045
 - reports, 5675, 7187
- Coast Guard examination of foreign passenger vessels—
 - hearing, 13039
 - report, 12919
- Coast Guard high-endurance vessels, examining planned replacement, etc, GAO report, 6016
- collection of fees for services under navigation laws, hearing, 10333
- combating noise and sonic vibration, USSR book review, 1047
- construction, *see*, in main alphabet, Shipbuilding.
- Defense Dept. military procurement appropriations, 1966, report, 17198
- electrical systems, Navy, 12419
- Federal item identification guides for supply cataloging, supplements, 2940
- foreign-flag vessels, transportation of privately owned vehicles, Military Sea Transportation Service, GAO report, 9004
- foreign, require cruise licenses, hearings, 13204
- ladders used for access in shipyards, maritime safety data, 16521
- loan, agreement with Italy, 8073
- loan, extension, agreement with—
 - Canada, 15354
 - Germany, Federal Republic, 2588
 - Turkey, 12535
- measurement, customs regulations, U.S. laws, etc., 14513
- revised pages, 13242
- merchant and passenger vessels, load lines, regulations, 8407
- merchant fleets of world—
 - age, size, speed, and draft by frequency groupings, Dec. 31, 1964, statistical analysis, 4747
- seagoing steam and motor, 1000 gross tons and over, 16550
- merchant ships, U.S. flag, general information, 4748
- merchant vessels—
 - electrical equipment, Coast Guard approved list, 11507
 - United States, monthly supplement, 3221
- military procurement, appropriations, 1966, supplemental—
 - hearings, 5797, 7117
 - law, 7031
 - reports, 5666, 5757, 7079, 7083
- military procurement, appropriations, 1967—
 - hearings, 8766, 10232
 - law, 11593
 - reports, 8644, 8744, 12930
- mortgage act, 1920, clarify—
 - hearings, 572
 - law, 446
- motions and drag reduction, naval hydrodynamics symposium, 16753
- multi-shaft, placement of screw propellers, USSR study, 2215
- naval vessels repaired at Malta, extend visit, agreement, 12531
- Navy mooring facility, west coast of Point Loma, Calif., hydraulic model investigation, 5887
- notice to mariners, vessel navigation safety, 3279-80, 5059
- obsolete vessels, redefining terms for replacement purposes, hearing, 10335

Ships—Continued

ocean survey, Oceanographer, OSS 01, general information, 11903
 passenger vessels—
 minimum standards, hearings, 13204
 rules and regulations, 3996, 14318
 position determined by artificial satellites of earth, USSR study, 923
 repair services, deployment, agreement with Malta, 8085
 scupper drain attachments to vessels in drydock, maritime safety data, 7656
 seagoing research vessels, Academy of Sciences, USSR, 6165
 service craft, Navy design manual, changes, 1569
 shelter deck vessels, measurement of gross and net tonnage, provide, hearing, 10335
 small, inland, Great Lakes and western rivers rules, amend—
 hearing, 10335
 report, 17313
 small vessels, simplify admeasurement—
 hearing, 10335
 law, 15701
 report, 11621
 surface effect ships for ocean commerce (SESOC), study of technological problems, report, 5561
 twin-screw vessel, handiness, effect of lateral components of propeller suction forces, USSR study, 1005
 vessel entrances and clearances, summary reports, 3942, 12730
see also Hulls (ships)—Merchant marine—Shipbuilding—Tankers—Warships—also names of ships.
Ships Bureau:
 journal, 2716
 reliability and maintainability training handbook, 2552
Ship's serviceman, *see* Navy.
Shipyard's:
 accidents, analysis of injuries, 13590
 and American merchant marine, facing up to problems (remarks), 1102
 earnings, straight-time hourly, indexes of change, monthly, 3057
 maritime safety digest (periodical), 3182
 reminders to competent person in shipyard operation, safety data, 1085
 safety data, maritime, 1085, 4709, 16520-525
 fire and explosion hazards, 16522
 ladders and other means of access used on vessels, 16521
 temporary lights for flammable atmospheres and for general use, 16523
 suggested safe practices for shipyard workers, 7660-61
 Shirley, Lawrence E., mineral industry of South Carolina, 1143
 Shiskin, Julius, X-11 variant of census method II seasonal adjustment program, 271
 Shleien, B., autoradiographic examination of airborne fallout, 1413
 Shoaling, reduction in Charleston Harbor, 13298
Shock (mechanical):
 aftershock mechanism, of earth's crust. USSR study, 10802
 dynamic strength ratio as limiting parameter in shock design, 6555
 Isthmian Canal studies, safety evaluation for ground shock, 155
 measurement, instrumentation limitations, 12427
 shock-induced separated flow, wind-tunnel predictions correlated with flight results, 16661

Shock absorbers:

nylon, prevents injury to parachute jumpers, 6104
 pneumatic, use of filament wound toroids, 15071
 torus elements used for greater effectiveness, 13753
Shock mounts:
 long travel—
 models 230, etc., impact testing for transportability rail instrumentation, 5378
 pallets, modified models 230 and 570, impact testing for transportability, rail instrumentation, 9916
 Shock-operated valve would automatically protect fluid systems, 13770
Shock tubes:
 bromine dissociation rates in presence of argon, neon, and krypton, investigation, 13821
 determination of drag coefficient of small spherical particles, 7739
 flow, accelerating particles to hypervelocities, 4934
 tailored-interface operation with helium-driven planetary gases, analysis, 12363
Shock waves:
 boundary, occurrence, 4941
 equilibrium normal shocks, solutions for arbitrary gas mixtures, 4957
 ground measurements of shock-wave pressure for fighter airplanes flying at very low altitudes, etc., 12342
 in mixtures of carbon dioxide and nitrogen for conditions typical of Mars entry, 6451
 measurement of lateral pressure generated from cylindrical explosive charges, 2350
 rocks, streak camera method for measuring dynamic equation of state properties, 9386
 separated flows induced by shock wave-boundary layer interaction, analytical study, 17875
 velocity, measurement by use of micro-wave technique, 10957
see also Sonic boom.
Shoe stores, *see* Stores.
 Shoemaker, Louise P., parent and family life education for low-income families, 6942
 Shoes, *see* Boots and shoes.
 Shook, Donald F., thermal neutron flux perturbation by dysprosium-aluminum foils in water, etc., 6428
 Shoop, Lucille T.:
 endocarditis bibliography, 6376
 rheumatic fever, glomerulonephritis and streptococcal infections, 18070
 Shoot moths, *see* European pine shoot moths.
Shooting:
 marksmanship, competitive, training program, National Guard pamphlet, 1304, 12388
 small arms ranges, Air Force manual, 16944
 Shopper's guide for canned peas, 14149
 Shopper's guide to U.S. grades for food, 3750
 Shops, *see* Machine shops.
 Shore patrol, allowances, management control improvement, GAO report, 2084
Shore protection:
 inspection, repair and preservation of waterfront structures, marine biology operational handbook, 5256
 studies, engineering and design, manual, 11892
Shoreline areas:
 conserve and develop for public use and benefit, report, S603
 Mississippi embayment, emerged quaternary shore lines, 14014
 Short, Lester L., Jr., new Pliocene stork from Nebraska, 11223

- Shorter workweek, selected references, 12199
 Shortleaf pine, *see* Pine.
 Shoshone County, Idaho, geology of Coeur d'Alene district, 819
 Shoshone Indians:
 medicine man, colored poster with—
 French text, 15410
 Spanish text, 15409
 Shotts, Reynold Q., coal resources of Fablus-Flat Rock area, Jackson County, Ala., 13680
 Shoub, H., doors as barriers to fire and smoke, 7909
 Shoulder adapter steadies spot welding gun, 6402
 Shrews, Turkey, description and distribution, 1325
 Shrewsbury River, zooplankton communities, 7444
 Shrimps:
 and shrimp fishery, southern United States, 14654
 bait industry of Gulf of Mexico, 13344
 bait shrimp in Tampa Bay, Fla., 781
 breaded current fishery statistics, 2977
 breaded, 1965, annual summary, 7432
 can-venient ways with shrimp, 13345
 eastern Gulf of Guinea, potential, 4410
 Gulf Coast, data, 3029
 landings, 3516, 10521
 Southern States, 767
 Panaeid, eastern Venezuela, distribution, 748
 radiation pasteurization, 11430
 Shrine, Mystic, *see* Ancient Arabic Order of Nobles of Mystic Shrine.
 Shrinkage, shrinkable sleeve eliminates shielding gap in RF cable, 4880
 Shrubs:
 battle of the bush, eradication, etc., 15471
 desert, in Sedan fallout field, interception and retention of radioactive fallout, 5397
 seedlings, regeneration after controlled burning and herbicidal treatment of pringle manzanita chaparral, 2072
 windbreaks for central Great Plains—
 how to arrange and space, 4487
 how to select, 4486
 Shugars, Owen K.:
 commercial tobacco—
 farms, coastal plain, North Carolina, 10412
 livestock farms, Bluegrass area, Ky., 14531
 Shuler, R. L., effect of light intensity and thickness of culture solution on oxygen production by algae, 5075
 Shullimson, Jack, marines in Lebanon, 1958, 10397
 Shumshu Island, USSR heroes of the landing, 2153
 Shunt, capacitance, effects on transient effects caused by electron irradiation of polyethylene terephthalate insulated ribbon wire, 7849
 Siberia:
 crystal structure in transition zone from Siberian platform to Taymyr down-warp, experience in using industrial explosions, USSR study, 14804
 research, advanced, new academic city is focus, 16458
 Siberian elm, *see* Elm.
 Sick:
 acute conditions, incidence and associated disability, July 1964–June 1965, in U.S., 6587
 age patterns, United States, 12488
 chronically ill, institutions Apr.–June 1963, U.S. statistics, 1440, 6489
 estimating cost of illness, 13966
 income loss protection against short-term sickness, 1948–64, 1472
 see also Absenteeism.
 Sick leave, *see* Leave of absence.
 Sickle cell anemia, *see* Anemia.
 Sidewalks:
 military installations, geometric design, etc., Army technical manual, 8263
 repair, reimbursement to State, etc.—
 law, 444
 reports, 487, 549
 Siding:
 asphalt and tar, current industrial reports, 2817
 corrugated, protected-steel, design criteria, Army technical manual, 3833
 Sidley, Norman A., computer system for intraspecies biologic and behavioral variability studies, 12643
 Sidransky, Fred S., nonsteady liquid and gas flow, etc., 17931
 Siegel, Robert, critical heat flux for saturated pool boiling from horizontal and vertical wires in reduced gravity, 4905
 Siegel, William C., U.S. hardwood imports grow as world supplies expand, 2078
 Sielaff, Gerald W., introduction to diesel engines 2, study guide, 11840
 Sierra-Franco, Miriam, closed drainage of chest, programmed course for nurses, 9623
 Sierra Leone:
 agricultural commodities, agreements, 11272, 16859
 background notes, 12517
 gazetteer, official standard names, 14744
 mineral industry, minerals yearbook chapter, 1142
 Sierra Nevada:
 central, stratigraphy and structure of Dinkey Creek roof pendant, 10645
 north central, broadcast burn in 2d growth clearcuttings, 17686
 Sight:
 ametropia, physiologic variations of depth of anterior chamber, 5328
 auxiliary stimuli, effect of intensity changes on auditory and visual signal detection, 5317
 color mixture functions at low luminance levels, 6281
 differential color sensitivity in purple region, 6284
 disorders, summary of research progress, 1313, 16809
 flashblindness experiment in flight simulator, 5331
 partially seeing and blind children, educational programs, 8839
 underwater, estimation of size and distance, 13664
 vision screening in selected classes for mentally retarded, Detroit, Mich., 14283
 visual accommodation system in humans, 16612
 Sighting, instrument quickly transposes ground reference target to eye level, 6387
 Sigman, Donald R., radiofrequency power transfer to ion-cyclotron waves in collision-free magnetoplasma, 7876
 Signal Corps, Army, operations in World War II, the outcome, 10907
 Signal systems:
 Federal item identification guides for supply cataloging, supplements, 2936
 railroad, installation, inspection, maintenance, and repair of systems, devices, and appliances, rules, standards, and instructions, 16385
 Signals:
 accumulators, USSR study, 16501
 auditory and visual detection, effect of intensity changes in auxiliary stimuli, 5317
 circular light, detection in relation to shape and color identification, 8213
 conditioning to improve high resolution processing for PFM telemetry, 9503
 control system, simple circuit provides reliable multiple signal average, 12322

- Signals—Continued
demand, system proportions fluid-flow in response to, 7767
discrete, theory and techniques of transmitting USSR all-Union scientific session devoted to radio day, 14830
millivolt, voltage ratio detector, 2454
recognition of voiceless fricative sounds from clipped speech signal, USSR study, 4601
signal and noise level estimation in coherent PCM channel, 7734
signal averaging filter, disclosures on, 7921
successiveness discrimination, further experiments, 9426
see also Radio signals—Time signals.
- Significance of form, USSR, 7631
- Signs:
fire prevention, modifying communicative effectiveness, 17691
no smoking ordinance in southern California, signing, 2065
- Signs (advertising):
control under highway beautification act (remarks), 4019
- Signs (road):
Great River Road, manual, 1448
standard alphabets for highway signs, reference guide, 16815
- Signs (traffic):
Federal participation in costs of standard-type plans, BPR need for specific guidelines, GAO report, 7470
traffic sign charts, announcement and order forms, 17998
- Sikaras, Panagiota K., relief, 16019
- Silage, value of mature corn, 14107
- Silane-diol polymers, *see* Polymers and polymerization.
- Silazane polymers show promise for high-temperature application, 12293
- Silence, breaching wall of silence, 6690
- Silica:
bonded beads separate reflective insulator layers, 6396
fused, optical absorption coefficients in wavelength range 0.17 to 3.5 microns from room temperature to 980° C, 6440
vapor grown silicon dioxide improves transistor base-collector junctions, 6407
- Silicates, electron probe analysis, standards, preparation, 11026
see also Zirconium silicate.
- Silicon:
hypereutectic aluminum master alloy, commercial improvement, 9384
low energy protons and high energy electrons, effects, 6347
manufacture of lithium-drifted silicon surface-barrier semiconductor counters, 15166
silicon-nitrogen materials used to develop flexible protective coatings, 4864
solar cells—
aluminum doping improves, 10992
radiation damage from proton bombardment, 6547
- Silicon carbide, disposal from stockpile, hearing, 570
- Silicon dioxide, *see* Silica.
- Silicone resins, *see* Resins.
- Silicones, thermal degradation processes and stabilization by cerium inhibitor, 16759
- Silk, yarn, temporary suspension of duty, extend, report, 482
- Siloxanes, thermal degradation processes and stabilization by cerium inhibitor, 16759
- Silvani, Sonia S., relief, 12876
- Silver:
cells, use of auxiliary electrodes, 6348
mineral industry survey, monthly report, 3517
ores, census of mineral industries, 1963, industry statistics, 15575
- Silver—Continued
production and consumption, 1964, report, 12262
solder, working with, 18084
United States movements, 3629, 5503
vapor pressure measurement with torsion effusion apparatus, 1156
- Silver (money):
Mint Bureau, 1965 report, 12262
standard silver dollars held by Treasury, authorize sale to American Cancer Society and American Heart Association, hearings, 14414
- Silver oxide, use as regenerative carbon dioxide sorber, 10962
- Silverfish, how to control, 5292
- Silverware, census of manufactures, industry report, 3905
- Silvics of forest trees of United States, 29
- Silviculture, *see* Forests and forestry.
- Simmonds, Forrest A., Engelmann spruce, subalpine fir, and lodgepole pine mixtures for bleached groundwood, kraft, and sulfite viscose grade pulp, 2075
- Simmons, Henry B., Matagorda Ship Channel model study, 7335
- Simmons, James R., relief, 4074, 8704, 11533
- Simmons, Sadie Y., relief, 4074, 8704, 11533
- Simon A. C., investigation of intergranular corrosion of lead-antimony grid alloys, 16763
- Simon, H. A.:
Eckert reference formulation applied to high-speed laminar boundary layers, etc., 7740
properties of hydrogen, nitrogen, hydrogen, carbon-dioxide, and carbon-dioxide nitrogen mixtures, 6337
- Simoneau, Robert J., visual study of velocity and buoyance effects on boiling nitrogen, 15138
- Simons, D. B., resistance to flow in alluvial channels, 17718
- Simons, David G., anchor button, attachment technic for biomedical instrumentation lead wires, 99
- Simons, J. W., grain drying and storage studies in southwest Georgia, 67
- Simonson Dolomite, *see* Devonian period.
- Simple, nondestructive test identifies metals, 13741
- Simpson, Bryan G., relief, 8539, 12612, 13110
- Simpson, J. E., foreign and domestic rices, 8169
- Simulation:
fixed-base visual study of manually controlled translation and hover maneuvers over lunar surface, 17919
inflight and ground-based, handling qualities of very large airplanes in landing approach, 17884
information processing in a neuron, USSR, 2205
psychosensory disorders resulting from temporary weightlessness, USSR, 17760
simulation in biology and medicine, USSR, 16475
- Simulators:
command post exercise, computers use to improve, 6536
computer program, adaptable to industrial processes, 16641
computer techniques for radar landmass simulation, 9593
deck motion simulator program, 16671
effects partial gravity conditions, 13774
field of view of human eyes simulated by optical projectors, 4847
isonospheric, survey, 10950
manrating space environment, aerospace medicine considerations, 15481
orbital docking, role of prediction in training, 13910

- Simulators—Continued
parachute landing, 4437
static liquid configuration in propellant tanks, 9509
Radar simulators—Space simulators—
see also Aircraft—Flight simulators—
Sinai Hospital, aging center, 1429
Sinclair, John, relief, 8538
Sindt, C. D., temperature-entropy diagram for parahydrogen triple-point region, 17943
Sines, *see* Trigonometry.
Singapore:
area handbook, 9896
establishing business, 10029
investment guaranties, agreement, 15352
labor laws and practice, 4713
Singer, Joseph M., equivalences of coal dust and methane at lower quenching limits of flames of their mixture, 9381
Singers, occupations, employment outlook, 9257
Single channel pulse-height analyzer operates in subnanosecond range, 15107
Single parameter testing application, 2362
Single units and multiunits, 1963 census of business, 194
Sinnamon, H. I., dehydrated explosion-puffed carrot dice of high density, 12
Sinnhuber, R. O., effect of irradiation on microbial flora surviving irradiation pasteurization of seafoods, 5411
Sintering, snow, temperature dependence and mechanism, 15507
Sinusitis, maxillary sinus disease in aviators, 9862
Sinusoidal pressure generators, *see* Pressure generators.
Sinyavskiy, A.:
condemnation of Soviet author, USSR study, 6103
Soviet author, trial, remarks by Western critics, 9084
Sioux Falls, S. Dak., area wage survey, metropolitan area, 4726
Sioux Falls Chamber of Commerce, annual meeting, as long as there is margin between what a city is and hopes to be, there is work for Chamber of Commerce (remarks), 288
SIPEX, *see* Sixth International Philatelic Exhibition.
SIR series, 14287
Sir Winston Churchill Day, designate, law, 8461
Sires, *see* Bulls.
Sisal hemp:
cordage fiber, disposal from national stockpile—
hearings, 11643
law, 11571
reports, 10150, 11755
Sisco, Joseph J., address, Apr. 2, 1966, 11259
Siskiyou National Forest, 1965 progress, annual report of activities, 8978
Site indexes:
curves for Engelmann spruce in northern and central Rocky Mountains, 10567
height growth characteristics of Siberian elm in central Great Plains windbreaks, 8966
Virginia, loblolly, and shortleaf pine in Virginia piedmont, predicting, 8977
white pine, and comparative tree height of associated species, 8972
yellow-poplar related to soil and topography, 17701
Sites:
community center planning, Army technical manual, 1648
grouping, by soil management areas, etc., Forest Service research note, 13362
installations planning, general, Army technical manual, 15516
research, scientific work, statistics, Hungary, 7580
Sitka Magnetic Observatory, magnetograms and hourly values, 5527
Sitka spruce, *see* Spruce.
Sixth International Philatelic Exhibition:
address at opening, 11171
5-cent commemorative postage stamp (poster), 9613
5-cent SIPEX souvenir sheet (poster), 9614
Skates (fishes):
general information, 4404
Ski Week, National, *see* National Ski Week.
Skids (aircraft):
materials, drag and wear characteristics on lakebed surfaces, 6469
Skiing, *see* Skis and skiing.
Skilled labor, *see* Labor.
Skilled trades, *see* Occupations.
Skilled workers, *see* Labor.
Skilling, Darroll D., Scleroderris canker in upper Michigan, etc., 13370
Skin friction (aircraft):
skin friction on sharp and blunt flat plates at Mach 6.8, 7847
supersonic, evaluation and reduction, 16668
turbulent at Mach 3, effect of air injection through slots and porous surfaces on flat-plate, 7846
turbulent, at supersonic Mach numbers, adiabatic wall, study of surface pitots, 12355
Skis and skiing, national forests, America's playgrounds, 3762
Skokomish Indians:
judgment funds, disposition—
law, 17145
report, 17502
Skold, Melvin D., regional location of production of major field crops, 1975, linear programming analysis, S172
Skolmen, Roger G.:
durability test of wood posts in Hawaii, 10579
water spray protects stored logs in Hilo, Hawaii, 10574
Skolnik, Alfred M., experience of employee-benefit plans, 6611
Skopic, Charles E., local convention representation and constitutional amendments in national unions, 1079
Skurnick, I. D., current distribution in array of superconducting thin films, 6456
Sky, radiance measurements in Greenland, 11395
Skyline Churches Cemetery, land conveyance to, 17183
Skyline logging handbook on wire rope tensions and deflections, 4481
SL series, 768-778, 2046
Slag:
recovery of manganese, 6319
tin, electric-arc furnace reduction for production of columbium-tantalum-bearing alloy, 7707
see also Cement.
Slash, *see* Forests and forestry.
Slash pine, *see* Pine.
Slaughtering:
commercial slaughter, meat and lard production, etc., 9738
economies of scale in cattle slaughtering plants, 17948
hog slaughtering and dressing systems, 15448
hogs, labor cost, 16723
livestock—
industry, decentralization, 10408
industry, 1950-62, federally inspected structural changes, 5863
monthly report, 3160
Slavin, Joseph W.:
annual report of Bureau of Commercial Fisheries Technological Laboratory, Gloucester, Mass., fiscal year 1963, 2037, 11965
irradiated-pasteurized fishery products, 15539

- Sleep:
and electric sleep in children, USSR study, 14850
current research, 1307
electric sleep therapy of hypertension, USSR study, 12164
investigating phenomenon, USSR, 1015
normal, dreams during, USSR study, 14849
see also Hypnopedias.
- Sleeper, Robert K., loads experienced by piloted launch vehicle, 7836
- Sleeping Bear Dunes National Lakeshore, establish, hearings, 4134, 13041
- Sleeving (insulating):
insert sleeve prevents soldering contamination, 11030
plastic sleeves, conductors sealed with special tool, 9499
shrinkable sleeve eliminates shielding gap in RF cable, 4880
tool separates sleeve-type unions without heat, 11043
- Slemon, David R., relief, 11707
- Slide projectors:
optical projectors simulate human eyes to establish operator's field of view, 4847
single projector accommodates slides of different size and format, 4853
- Slidefilms, *see* Film slides.
- Slimes, *see* Phosphate slimes.
- Slinye, Harold E., self-lubricating composites of porous nickel and nickel-chromium alloy impregnated with barium fluoride-calcium fluoride eutectic, 12357
- Slip laws, *see* Law.
- Slippers, *see* Boots and shoes.
- Slipstream, *see* Propellers.
- Slopes, channel and hillslope processes, semi-arid area, New Mexico, 12019
- Sloshing:
fuel, damping law, 6429
lateral, nonlinear, in rigid containers, studies, 4830
slosh design handbook 1, 9395
- Slovakia, *see* Czechoslovakia.
- Sluder, Earl R., hand-pollinate yellow-poplar without climbing, 10587
- Slum clearance, *see* Slums.
- Slums:
clearance—
local public agency letters, 3164
urban renewal manual, 3653
demonstration cities and metropolitan development act of 1966, reports, 13186, 15897, 17241, 17336
rebuilding, city demonstration programs—
hearing, 8659
recommendations, message from the President, 5605
reports, 14388, 17202
summary of House bill, 8664, 13023
- Slurries:
coal-water, flow properties, 2352
vapor condensation process produces slurry of magnesium particles in liquid hydrocarbons, 7771
- SM series, 8386, 11493, 12745, 15625, 17030-31
- Small, William J., effect of geometric modifications on maximum lift-drag ratios of slender wing-body configurations at hypersonic speeds, 7829
- Small-area data activities, 5500
- Small arms ranges, 16944
- Small business, *see* Business.
- Small Business Administration:
administrator, nomination of Bernard L. Boutin, hearing, 10330
appropriations, 1967—
hearings, 15955, 17567
reports, 15938, 17539
budget, 1967, amendments, 15787
business loan approvals, 1965, supplement, 14012
- Small Business Administration—Continued
economic injury disaster loans, etc., for displaced small businesses, 11218
financial assistance programs, summary, 16823
lending programs, hearing, 5826
loan pools, sale of participations—
hearings, 8662-63, 8681, 10267
reports, 5785, 8615
loans and commitments outstanding, increase, authorization—
hearing, 8663
law, 10060
reports, 5786, 7102, 8570
organization, changes—
hearings, 14477, 15963
report, 15937
press releases, 3406
publications—
for-sale booklets, 2554
free publications currently available, 2555, 11219
management aids for small manufacturers, annual compilation, 1456
management, classification, 9642
sale list, 14013
report, 15325
revolving funds—
increase, law, 435
separate, establish, hearings, 4211
Service Corps of Retired Executives, managerial skills and experiences available to small businesses, 6600
starting and managing series, 9645
- Small Business, Select Committee on, House:
hearings, 531, 1869, 4146-47, 7165, 14442, 15990-993, 17895
investigations and studies, expenses, report, 5644
- Small Business, Select Committee on Senate:
annual report, 13139
committee prints, 7238, 10372
hearings, 5826, 7237, 11833-834, 14505-506, 17599
investigations and studies, small and independent business, problems, authorization, report, 4203
report, 564
- Small craft, gale and whole gale warning facilities charts, 15423-424
- Smallpox:
immunization of guinea pigs against, USSR studies, 10834
morbidity throughout world in 1960-64, data, 6223
- Smariga, Julian, fire prevention in hospitals, 11188
- SMC, *see* Supply and Maintenance Command.
- Smelting:
and refining of nonferrous metals and alloys, census of manufactures, industry report, 5446
electrolytes for electrorefining hafnium, 15022
molybdenum, high-purity, preparation by molten salt electrorefining, 17859
- SMI (supplementary medical insurance), *see* Medical care.
- Smirnov, S. S., USSR academician, achievements in connection with Pacific ore belt, 13549
- Smith, A. Howard, remarks, Sept. 26, 1966, 15635
- Smith, A. M., nongrey radiation effects on boundary layer of absorbing gas over flat plate, 16597
- Smith, Albert B., solar cell damage by alpha particles and protons, 9540
- Smith, Alphonsa, nude fast-response cold-cathode ionization gage, 4981
- Smith, Arthur L., industrial waste guide to synthetic textile industry, 2533
- Smith, Bryce A., relief, 17430
- Smith, Charles R., and wife, relief, 385

INDEX 1966

- Smith, Clarence T., Army research and development, newsmagazine, 2691
- Smith, Edward K., remarks, Nov. 15, 1965, 338
- Smith, Edward N., 20 years later, post-war employment trends in West, 9338
- Smith, G. Louis, vortex flow and erosion in rocket nozzles, 4971
- Smith, Gerald M.:
Ranger VIII, photographs of moon, 12280
Ranger IX photographs of moon, 12281
- Smith, Harold M.:
crude oil—
characterizations based on Bureau of Mines routine analyses, 17855
qualitative and quantitative aspects, 6291
- Smith, Helen V., transportation of grain in southwestern States by rail and truck, 3771
- Smith, Hyrum M., guidance services in elementary schools, 13272
- Smith, James L., elastic constants, etc., of Greenland snow, 9891
- Smith, Jerry L., study of effects of wet surface soil conditions on performance of single pneumatic-tired wheel, 4341
- Smith, L. Dale, impregnated lubricants in ball-bearing retainers at 10^{-6} torr, 4976
- Smith, L. Jack, use of phase-locked-looped control for driving ultrasonic transducers, 15174
- Smith, L. L., seasonal variations of night-glow in tropics, 5019
- Smith, Leslie G.:
Investigation of D and E regions of ionosphere during International Quiet Sun Year, 6339
molecular oxygen densities from rocket measurements of Lyman- α absorption profiles, 6340
- Smith, Marion A., market diseases of asparagus, etc., 16920
- Smith, Peter M., culvert pressures, Greenup Lock, Ohio River, Ky., 16249
- Smith, R. S., jr., frost injury to bitterbrush in eastern California, 4449
- Smith, Richard C., manpower use in wood-products industries of Oregon and Washington, 10603
- Smith, Richard J.:
bibliographies of interest to atomic energy program, 6860
pulsed reactors and pulsed critical assemblies, 1684
reactor safety, 5402
- Smith, Robert J., enhancement of superconducting current-carrying capacity in niobium through hydrogen treatment, 16693
- Smith, Roy J., jr., weeds and their control in rice production, 5283
- Smith, Sterling R., data converter and display system for Wisconsin experiment on Orbiting Astronomical Observatory, 17929
- Smith, Tynam, research on banking structure and performance, 8926
- Smith, W., temperature, etc., measurements in upper stratosphere and mesosphere, 13848
- Smith, W. S., atmospheric emissions from coal combustion, inventory guide, 13961
- Smith, Wesley G., inventory of land and its use, TVA, 15390
- Smith College, digital polarimeter, duty-free entry, 389, 542
- Smithsonian Astrophysical Observatory:
administration and activities, 9647
lighthouse of the skies, background and history, 8019
star catalog, 9646
- Smithsonian contributions to anthropology, 6499
- Smithsonian contributions to astrophysics, 2560
- Smithsonian Institution:
annual report, 1965—
departmental edition, 8021
document edition, 7055
appropriations, 1967—
hearings, 7113, 8763
law, 10086
reports, 8592, 10160, 10281
Arts and Industries Building, guide map, 16824
board of regents annual report, 1964—
departmental edition, 5138
document edition, 4045
board of regents, programs in marine science, hearing, 14431
citizen regent, appointment of Robert V. Fleming, report, 1919
gems collection, 5139
general information, 16828
History and Technology Museum, guide map, 16825
Joseph H. Hirshhorn Museum and Sculpture Garden, establish—
hearings, 13229, 14439
recommendation of legislation, 11606
National Museum act of 1965, report, 10216
National Zoological Park administration, reorganization, message from the President, 11615
Natural History Museum, guide map, 16826
publications, price list, 16787
rates of compensation for certain executive positions, establish—
hearing, 15986
reports, 17229, 17541
transfer title to Von der Heydt art collection to—
law, 12828
reports, 5777, 12927
- Smithsonian miscellaneous collection, 1461, 8020, 9647-51, 11223-225, 12506, 14014-17, 18095-97
- Smog, time has come when the Nation must come to grips with smog (remarks), 13996
- Smoke:
doors as barriers, 7909
irradiated cigarettes, content, 5395
light-transmitting and scattering properties, 17683
wind velocity profiles measured by smoke-trail method, Eastern Test Range, 6453
- Smoking:
mortality from diseases associated with, U.S., 16811
no smoking ordinance in southern California—
motorist's knowledge, 2066
signs, 2065
smoking and health, educational materials, 12469
young smokers, you can quit smoking, young smokers aren't really hooked, 3945
- Snails, land snails of genus *Amphidromus* from Thailand (Mollusca: Pulmonata: Camaenidae), 1326
- Snake River and Valley, fish passage report, 11888
- SNAP (systems for nuclear auxiliary power), see Atomic energy—Atomic auxiliary power generators.
- Snipes, hunting, possession, transportation, importation in Alaska, 1966-67, Federal regulations governing, 14673
- Snively, James W., jr., statistical data compression technique, 16680
- Snow, Clyde C., anthropometry of air traffic control trainees, 6874
- Snow:
annual and monthly snow fall, maps, 5894
Antarctica, studies, 8238
approach to consolidation of snow, 8241
bibliography, with abstracts, 16957

Snow—Continued

compaction, effect on runoff from rain or snow, 12494
 conditions, weather and crop bulletin (periodical), 3703
 drifting, simulation, 6832
 engineering, 1639
 explosions and snow, 1639
 failure, theory, 1635
 Federal-State-private cooperative surveys—
 Alaska, 2962
 Arizona, 3687
 Colorado and New Mexico, 3688
 Colorado and New Mexico snow courses and soil moisture stations, list and location, 8029
 Colorado and Wyoming, special report, 9713
 Colorado early season report, 2572
 Idaho, 3689
 Montana, 3690
 Nevada, 3691
 Oregon, 3692
 Utah, 3693
 Washington State, 3694
 Western United States, including Columbia River drainage in Canada, 3695
 Wyoming, 3696
 Goose Lake, Mont., 1964, accessibility field methods and logistics, 1638
 Greenland, elastic constants, strength and density as determined from sonic wave velocity measurements, 9891
 high snowfields of St. Elias Mountains, Yukon Territory, Canada, 9892
 loads on roofs in areas of heavy snowfall, 16323
 optical measurements, 116
 polar, physical and mechanical properties, 8234
 sintering, temperature dependence and mechanism, 15507
 snowpack, effect on frost penetration and trafficability in two peat-soil sites, 5981
 spread footing foundations, 14212
 strength—
 considerations, 8242
 studies, 8237
 subsurface transportation methods in deep snow, 8246
 surveys—
 watersheds, 3746
 western U.S. including Alaska, accuracy, technical report, 3820
 sustained winter streamflow from ground-melt, 8957
 temperature, Greenland ice sheet, 6830
 visual resolution and optical scintillation, 8233
see also Precipitation.
 Snowden, Suzanne, current projects on economic and social implications of science and technology, 16741
 Snowstorms, light scattering and particle aggregation, 9889
 Snyder, E. B., cone and seed yields from controlled breeding of southern pines, 10610
 Snyder, Irene, relief, 11730, 15669
 Soap, metal soap-oil systems, behavior, 12437
 Soapstone, minerals yearbook chapter, 17868
 Sobin, Irving M., Chemical Co., Inc., relief, 381
 Social insurance administration adviser and research analyst, examination announcement, amendment, 6962
 Social insurance research analyst, *see* Research analysts.
 Social life and customs, *see* Manners and customs.
 Social policy for 1970's, 7498
 Social power and social change in contemporary America, address, 16854

Social processes, regulating, scientific methods, pursuit USSR study, 17757
 Social sciences :
 control of social processes and cybernetics, USSR study, 1053
 economic and social implications of advances in science, etc., current projects, 16741
 Latin Americanists, specialists, bibliographies, national directory, 10892
 research—
 current list, 2576
 raising level, USSR study, 16464
 studies, current list, Asia, 12522
 social science and your career, 13647
 Soviet secondary schools, syllabus of new course, 14564
 Social scientists, employment outlook, 13594
 Social security :
 account numbers, 1965, issuance, 12513
 act, amend—
 hearings, 13209
 law, 8460
 reports, 8728, 11633, 13182, 15842, 17282, 17335
 amendments of 1965—
 brief explanation, 2569
 data relating to S. 1991, 4217
 employment security provisions, 533
 farm and rural people, benefits, important facts, 1971
 health insurance provisions, annotated text, 5792
 law, print additional copies, report, 13005
 medical assistance program, questions and answers, 17641
 message from the President, 8500
 report, 8605
 Senate amendments, brief description, 1937
 significance for child health programs (address), 277
 summary, 573, 7209
 beneficiaries—
 who live outside United States, message, 2562, 16833
 who reach 100, 18099
 benefits—
 clergymen, brief explanation, 1474
 disability, rights and responsibilities of recipients, 1473
 how to estimate amount, how you earn them, etc., 1468
 instructions for representative payee, 1465
 mentally retarded child, 15329
 people 72 or over, brief explanations, 1475, 14021
 qualifications as widow, widower or stepchild, reduce period, report, 17331
 serviceman and veterans, 6606
 special, under 1966 amendments, rights and responsibilities of recipients, 14019
 students up to age 22, explanation, 2570
 widows at age 60, brief explanation, 1463
 you don't have to retire completely to get them, 15327
 benefits at age 72—
 legislative history, 17399
 law, 7032
 explanation, 11799
 summary, 7170
 report, 7086
 Senate amendments, summary, 8687
 bulletin, 3518
 statistical supplement, 14020
 cash benefits, how to estimate amount, how you earn them, etc., 5143
 coverage for household employees, 12510
 coverage for household workers, 15328
 deductions, explanation, 1466
 earnings, record, 15330
 employer's tax guide, 854

INDEX 1966

Social security—Continued
 farm statistics, 15332
 farmers, self-employed—
 getting social security credit, 1467
 reporting income, special information, 9655
 foreign developments, 1471
 health insurance—
 medicare handbook—
 hospital insurance, 11229
 medical insurance, 16832
 physicians reference guide, 11228
 your medicare handbook, 12512
 if you work while you get social security
 payments in 1966 and later years, 11227
 information for crew leaders and farmers, 6604
 law, changes, 12511
 laws, compilation, 1798
 new benefits awarded in Sept. and Oct. 1965, under 1965 amendments, 2567
 programs in United States, 18102
 publications, price list, 7986
 research and statistics notes, 1469-72, 2565-67, 5145, 6609-11, 8027, 9657-58, 11230, 12513, 15331, 18101
 retirement or survivor benefits, rights and responsibilities of recipients, 2568
 rulings on Federal old-age—
 survivors, and disability insurance, 3519
 survivors, disability, and health insurance, 6613
 self employed people, reporting their income, special information, 9654
 self employment taxes, guide for farmers, 2117
 State public assistance plans, staff development provisions, 5905
 tax guide for—
 agricultural employers, 2115
 employers in Virgin Islands, Guam, and American Samoa, 2116
 household employers, 855
 your check, 2563
 your social security, 12511
 see also Disability Insurance—Old age, survivors, and disability insurance—Public assistance.
 Social Security Administration:
 actuarial notes, 1462, 5140-41, 6603, 8022, 11226, 16829, 18098
 district offices, regional offices and payment centers, map, 11231
 health programs, law, compilation, 13049
 objectives, 14018
 Social service, see Social work and problems.
 Social surveys:
 Atlantida, case study in household sample surveys—
 content and design of household surveys, 3938
 field operations, organization, training, and control, 17012
 population data controls, 6937
 sample design, 15596
 survey objectives and description of country, 3937
 complex, approach to analysis of data, development and evaluation of replication technique for estimating variance, 11198
 Social welfare, see Social work and problems.
 Social work and problems:
 abstracts of research and demonstration projects, 8868
 alcoholism, social aspects, 15428
 careers in social work, examination announcement, amendment, 12751
 Chile, education and social change, 11871
 closing gap between available and needed social work manpower, Departmental Task Force report, 6046
 constructive public welfare program, 1539
 contribution of social welfare to economic growth (address), 11318

Social work and problems—Continued
 duty of educated individual (address), 15640
 emergency welfare services manual, 17024
 helping people in groups, 6 background papers from Workshop on Group Services, Apr. 19-23, 1965—
 French edition, 14583
 Spanish edition, 14584
 mental health trainee stipends, 11107
 mental patients, social readjustment, studies, 16404
 National Institute of Mental Health student research, stipend program in social work, survey, 15290
 national trends, 13421
 policy for 1970's, 7498
 professional and amateur volunteer workers, roles in social reform (remarks), 9193
 public welfare, work experience program, training, etc., 13303
 research programs, opportunities for schools of business administration (remarks), 338
 research relating to children, studies in progress, 12734
 social development, key to Great Society, 11320
 social services—
 economic opportunity act, press reports, 13303
 offered by head start child development centers, 4276
 provisions, State plans, characteristics under social security act, 8869
 public assistance, program development, 1997
 social welfare in changing world, place in process of development—
 French edition, 15426
 Spanish edition, 15425
 social welfare programs, portrait of median city, capsule view in U.S., 16905
 State data and rankings, 16365
 urban development, social aspects, seminar, 2624
 Vietnam, social revolution, Americans as quiet warriors supporting, 10691, 11253
 voluntary welfare agencies, fund-raising within Federal service, manual, 3178
 changes 1756, 6968, 11499
 welfare, etc.—
 indicators, 3037
 international development programs, contribution of Welfare Administration—
 French edition, 16903
 Spanish edition, 16902
 welfare, reference facts, 6047
 welfare services in South, desegregation, survey, 5516
 white-nonwhite differentials in health, education, and welfare, 837
 Social workers:
 available and needed, number for closing gap in social work manpower, Departmental Task Force report, 6046
 employment outlook, 9276
 examination announcement, amendment, 12751
 public health personnel, kidney disease guide, 5110
 services under AFDC for children who need protection, caseworkers' manual for public assistance agencies, 1999
 utilization for family services in public welfare—
 auxiliary staff, 11906
 staff with differing levels of education, 11907
 Socialism:
 and cultural heritage, USSR study, 17787
 Baath party's national Socialism, past and present, 6131

Socialism—Continued
 dialectics of modern social development, USSR study, 2147
 economic development of Socialist countries, USSR study, 14811
 economy, laws for control, USSR study, 1019
 fight for Socialist Netherlands, 6202
 financing and crediting of social enterprises, Bulgarian study, 13581
 present-day Catholic doctrine vis-a-vis working class, USSR, 16509
 profitability of socialist enterprises, USSR study, 4676
 scientific conferences and events in Socialist countries, 14860
 Socialist unity party, problems of Italian left and unification, 13485
Societies:
 role of student science societies in USSR, 16394
 voluntary democratic associations, community organization for citizen participation, bibliography, 1396
Society:
 center of our society, American city (remarks), 15261
 cybernetics and society, 14908
 middle-aged and older people in American society (address), 1572
 science and society, International cybernetics conference, Herceg-Nov, Yugoslavia, 13508
 science, technology and future of society (address), 15658
 Society of American Foresters, Genetics Workshop and Lake States Forest Tree Improvement Conference, joint proceedings, 14716
 Socio-economic aspects of water resources, 13427
Sociologists:
 employment outlook, 13594
 looking for sociologists, fill your needs through Professional Placement Network, 11887
Sociology:
 Communist China, translations, 3590
 development digest (periodical), 2854
 Eastern Europe, translations, 3520
 international meetings, world list, 3717
 North Korea, translations, 3591
 North Vietnam, translations, 3592
 sociological changes in Turkey, 7568
 sociological research, USSR study, 16397
 sociological studies of occupations, bibliography, 1082
 Sockets and keyed plugs prevent improper connections, 4875
 Sockeye salmon, *see* Salmon.
 Sockol, Peter M., flow of electrons through rarefied gas between plane parallel electrodes, 13825
 Socotra Island, birds, 18096
 Sod, establishing turf emergency construction, Army technical manual, 3834
 Soda, Rajka, relief, 17176
Sodium:
 and cesium tetraborate charge material, bias determination of mass spectrometric isotopic analysis of boron using prepared standards, 11427
 and sodium compounds, minerals yearbook chapter, 13701
 and water as sealed fluid, gas ingestion and sealing capacity of helicol groove fluid film, seal, 7866
 components, development program, information meeting, proceedings, 5386
 high-temperature properties, 1357
 molten sodium environment, use of fluoride coatings as lubricants, 4842
 reduction of titanium lower chlorides dissolved in sodium chloride, 16572
 solute and water transport across biologic membranes, 14774

Sodium—Continued
 transport in isolated ileum from cobalt-60 irradiated rabbits, 3792
 vapor, nozzle critical flow characteristics, 4931
 Sodium carboxymethylcellulose, dilute aqueous solutions, turbulent shear flow, 6343
 Sodium chloride, *see* Salt.
 Soft rot, bacterial, in bell peppers, cause and commercial control, 6757
 Sohlstrom, Dennis R., technological change in hospital, 4332, 7328
 Sohns, V. E., microbial polymers, preliminary cost estimate, 9787
Soil conservation:
 abstracts of material published, 9775, 14101
 agricultural practices, effects on hydrology of Corey Creek basin, Pa., 17725
 county committees, extend benefits to employees—
 hearing, 7233
 report, 16069
 cropland, 1963 conversion program, Dec. 31, 1965 status, 11344
 districts, assessments, tax treatment, report, 17562
 districts, status of organization, by States, approximate acreage, etc., 15333
 Great Plains conservation program, progress report, 1597
 highlights, 8028
 needs broaden after 30 years, 15468
 new dimensions (remarks), 1607
 Northwest resource conservation and development project areas, establishing alfalfa dehydrating plants, feasibility, 14542
 resource conservation and development projects RC and D, 1476
 scientific careers in Agricultural Research Service, 1591
 soil conservation (periodical), 3521
 soil conservation and domestic allotment act, amend with respect to assignment of payments, report, 17281
 America the beautiful (colored poster series), 9660-9711
 appropriations, 1967, Agriculture Dept., hearings, 8648, 11787
 report, 1965, digest, 8028
 vehicles, reducing number maintained in fleet, GAO report, 10620
 Soil conservationists, trainee, examination announcement, 1752
Soil erosion:
 areas other than airfields, Army technical manual, 8262
 channel and hillslope processes, semiarid area, New Mexico, 12019
 control—
 airfields and heliports, Army technical manual, 1654
 soil movement from steep road fills, 14699
 erosion and sedimentation in semiarid environment (series), 817, 12019, 17717
 forest floor in loblolly pine plantations, as related to stand characteristics, 4459
 loess-mantled Great Plains, Medicine Creek drainage basin, Nebr., 17717
Soil mechanics:
 cement and dispersant additives, effect on hydraulic backfill, laboratory study, 16576
 foundations, and earth structures, Navy design manual, changes, 6707
 properties in vehicle mobility research, evaluation of rectangular hyperbola for describing load-deformation, 4339
 Soil moisture, *see* Soils.
 Soil scientists, trainee, examination announcement, 1752
 Soil stabilizing agents, *see* Soils.

Soils:

- China, translations, from T'u-jiang Chuan-pao, 16467
- cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113
- cohesive, rapid method of construction control for embankments, 8009
- Crow Creek Indian Reservation, inventory, 9031
- environmental radiation surveillance, sample preparation, 15277
- establishing turf emergency construction, Army technical manual, 3834
- extraterrestrial, instrument for detection of life by optical rotatory dispersion, 9399
- foundation design of buildings and other structures (except hydraulic structures), procedures, Army technical manual, 130
- freeze and thaw—
 - depths, emergency construction, calculation methods for determining, technical manual, 16964
 - determining depth for arctic and sub-arctic construction, Army technical manual, 5374
- frost-heaving—
 - pressures, 3816
 - principles, 3815
- frozen, strength and creep, and calculations for retaining structures, 11891
- grouping sites by soil management areas and topography, 13362
- humus-mineral mixtures, growth response of yellow birch seedlings, 14705
- large scale maps compiled from aerial photographs, USSR study, 1063
- liming, aid to better farming, 15442
- microbiology, current problems, 7900
- moisture, grass and shrub-land soils, investigations, 1942-64, bibliography, 4482
- moisture readings, accuracy with unsealed access tubes, 13363
- oblique impact of solid body on soil, USSR study, 16429
- Okpilak River region, Alaska, development under Arctic environment, 15506
- penetrometer, with extendable mast, 7800
- performance under tire loads—
 - analysis of tests in sand, 10445
 - tests in clay through Nov. 1962, 8865
- pesticides, equipment for applying, 5284
- plane plastic deformation, 14210
- podzol, yellow birch growth in, 800
- porosity and random roughness of interrow zone influenced by tillage, 9791
- publications, price list, surveys, erosion, conservation, 1405
- Rumania, utilization, research, 14886
- sampling small wetland forest plots in Coastal Plain, 14711
- saturated, survival and 1st-year growth of hardwoods, 16335
- site index of yellow poplar, 17701
- soft cohesive, effects of air surcharge on bearing capacity, 8863
- soil survey investigations reports, 16836-842, 18104
- soil survey laboratory data and descriptions—
 - Arkansas, Louisiana, Missouri, 16839
 - Iowa, 16837
 - Kansas, 16838
 - Minnesota, 16842
 - Montana, 16840
 - Nebraska, 18104
 - North Dakota, 16836
 - Wyoming, 16841
- soil survey reports—
 - Alameda area, Calif., 8030
 - Bamberg County, S.C., 8033
 - Berkeley County, W. Va., 15334
 - Bexar County, Tex., 14023

Soils—Continued

- soil survey reports—continued
 - Camden County, N.J., 11233
 - Clarke County, Miss., 6616
 - Clinton County, Pa., 16835
 - Crosby County, Tex., 6617
 - Dyer County, Tenn., 11234
 - Fayette County, Ala., 8031
 - Finney County, Kans., 2571
 - Fountain County, Ind., 18105
 - Gaines County, Tex., 9712
 - Gem County area, Idaho, 1477
 - Gordon County, Ga., 1478
 - Grand Traverse County, Mich., 6615
 - Marlboro County, S.C., 6618
 - Morgan County, Ga., 5149
 - Prineville, Oreg., 6614
 - Reno County, Kans., 14022
 - Scott County, Kans., 5148
 - Somerset County, Md., 15335
 - Wichita County, Kans., 8032
- soil surveys—
 - community planning and resource development—
 - hearing, 17354
 - law, 17099
 - report, 17207
 - list, 11232
 - stabilization, emergency construction standards, 12664
 - subgrade stabilization with portland cement and hydrated lime under modified T11 landing mat, 7333
 - subsoil, phosphorus in, promotes root development of yellow birch, 8958
 - technical journal of soils, translations, 16398
 - tests computer programs, 16817
 - thermal conductivity, measurement methods, 3817
 - thermal stabilization, 4344
 - three-dimensional yield criterion of C- ϕ material, 8240
 - western United States and Canada, aggregate stability, measurement procedure, correlations with soil constituents, 11369
 - wet surface, performance of single pneumatic-tired wheel, 4341
 - see also Loess.
- Sokitch, Miloye M., relief, 17412
- Solar:
 - NOTE.—For other subjects beginning Solar, see Sun.
- Solar batteries:
 - assembly jig assures reliable solar cell modules, 4873
 - cadmium sulfide—
 - solar cells, effect of moisture on, 17924
 - thin-film, thermal cycling, 16657
 - damage by alpha particles and protons, comparison, 9540
 - silicon—
 - aluminum doping improves, 10992
 - epitaxial structures for radiation resistant, development, 10941
 - radiation damage from proton bombardment, 6547
 - submodule design facilitates assembly of lightweight arrays, 11024
 - tool permits damage-free removal, 11013
- Solar cells, see Solar batteries.
- Solar concentrator, thermal distortions of thin-walled paraboloidal shells, 15161
- Solar energy:
 - device for use in testing refractory materials, USSR study, 16434
 - distillation process utilizing multiple-effect humidification, 14770
 - double-reflector system for collecting, analysis of performance, 13837
 - drying of tropical hardwoods, 16338
 - solar sea-water stills, study and field evaluation, progress, 4550, 10675
 - torque requirements for orientation of solar Brayton system in earth orbit, 2427

- Solar flares :
effects in ionosphere, observed Sept. 1960—
Dec. 1962, atlas, 5018
prediction, adaptation of evolutionary pro-
gramming, 9396
- Solar physics, *see* Physics.
- Solar radiation :
absorbance of coatings between 300° and
575°, 7889
particles and fields, 1958-64, significant
achievements, 7755
potential solar beam irradiation on slopes,
tables, 10607
- Solar reflectors, double-reflector system,
analysis of performance, 13837
- Solar sensors, *see* Sensors.
- Solar simulation, vortex stabilized radiation
sources for improved solar simulation,
basic studies, 9436
- Solar system, analog model relates celestial
bodies spatially, 16636
see also Planetology.
- Solder and soldering :
aluminum core structures brazed without
use of flux, 13795
boron-deoxidized copper withstands braz-
ing temperatures, 15092
- brazing—
alloys used as temperature indicators,
12315
contamination minimized by union in
joining of tubing, 13747
- brazed tube connectors, improved tool
easily removes, 4840
- brazing—
alloy eliminates metal-stress cracking,
2401
marine engineering regulations, 14316
method produces solid-solution bond be-
tween refractory metals, 2389
process provides high-strength bond be-
tween aluminum and stainless steel,
13787
processing using Al-Si filler alloy re-
liably bonds aluminum parts, 11033
controlled brazing, high-speed furnace
uses infrared radiation, 12310
electrochemical milling removes burrs and
solder from tubing ends, 13793
electron beam brazing, split glass tube
assures quality, 7804
electronic components on circuit board,
fixture for holding, 9471
electroplating eliminates gas leakage in
brazed areas, 16637
inert-gas brazing enclosure fabricated from
sheet plastic, 1214
insert sleeve prevents soldering con-
tamination, 11030
silver solder, working with, 18084
Soviet debate on brazing, 943
tool heats workpieces and applies solder
in one operation, 10987
tungsten wire and tubing joined by nickel
brazing, 4884
vacuum furnace brazing, development and
evaluation of braze alloys, 12272
- Solderers, personnel, training, qualification,
and certification guide, technical inspec-
tion manual, 5077
- Soldering inspectors, personnel, training,
qualification, and certification guide, tech-
nical inspection manual, 5077
- Soldering irons :
heats workpieces and applies solder in one
operation, 10987
modified, speeds cutting of synthetic mate-
rials, 11038
temperature, automatically reduced, 9494
- Soldiers :
American, 1863-1963, posters showing
uniforms, 3812
civil relief act, text, 1872
individual clothing and equipment, care
and use, field manual, 3821
- Soldiers' deposits, *see* Deposits (soldiers,
etc.).
- Soldiers' Home, District of Columbia :
appropriations, 1967—
hearings, 8650, 14472
reports, 8626, 16151
- Soldotna, Alaska, Federal grants for airport
improvements, Federal Aviation Agency,
GAO review, 17711
- Solem, Alan, land snails of genus *Amphi-*
dromus from Thailand, 1326
- Solenoids, multiple system, pneumatic binary
encoder replaces, 15104
- Solid state detectors monitor relay contacts,
15126
- Solid-state switch increases switching speed,
16644
- Solid surfaces, *see* Surfaces.
- Solid Wastes Office, information series-SW,
7999
- Solidification, high speed, dynamic effects
arising from, 1363
- Solids, origin and growth in solids as affected
by charge design, USSR study, 6163
- Soliwoda, Sophia, relief, 14353
- Solomon, Anthony M., address, Oct. 21, 1965,
5151
- Solomon Islands, British, mineral industry,
minerals yearbook chapter, 6297
- Solutes, solute and water transport across
biologic membranes, 14774
- Solution of ordinary differential equations
by means of Lie series, 16592
- Solutions, systems for displacing organic
liquids from solid surfaces, 16768
- Solvents :
processing of coal to produce de-ashed
product, 312
residue content measured by light scat-
tering technique, 13755
- Sólyom-Fedete, William, church and state
under Communism, Hungary, Czecho-
slovakia, German Democratic Republic,
7219
- Somali Republic, mineral industry, minerals
yearbook chapter, 9362
- Soman :
lethal poisoning of dogs, prophylaxis with
nemikon-4, electrocardiographic observa-
tions, Bulgarian study, 13504
problems regarding acute toxicity, USSR
studies, 9116
- Somerset County, Md., soil survey report,
15335
- Somerset County, N.J., commodity transpor-
tation survey, production area series, 8342
- Something for the special child, 7320
- Sonar :
advanced submarine sonar technology,
Navy trainee's guide, 1340, 2486
technology, introduction, 11217
- Sondermayer, Roman V. :
mineral industry of—
Albania, 15014
East Germany, 2324
Greece, 6299
Hungary, 2326
Rumania, 4777
USSR, 4780
Yugoslavia, 4782
- Songbirds, tropical American nine-primaried,
display patterns, 9649
- Sonic boom :
anticipation, sound propagation study,
2441
characteristics of—
delta-wing-body combination, 11075
supersonic and hypersonic airplanes,
proposal, 16667
ground pressure patterns, effects of atmos-
pheric refraction and airplane accelera-
tions, 15152
near-field pressure signatures, calculating,
1258

- Sonic boom—Continued
 pressure distributions, effect of body shape, 1270
 Rayleigh waves generated, ground shock effects, 9424
 shock wave, behavior near sonic cutoff altitude, 4815
 simulation by ballistic models, 17876
- Sonic equipment, *see* Sound.
- Sonic listening, *see* Sonar.
- Sonic waves, *see* Sound.
- Sook, Hi Lee, *see* Lee Hi Sook.
- Sook Jun Ki, *see* Ki Sook Jun.
- Soon Kim Kin, *see* Kim Kin Soon.
- Sorcier Indien de la tribu Shoshone, Thermopolis, Etat de Wyoming, 15410
- Sorenson, Richard C.:
 logical model representing personnel flow in U.S. Army, considerations relative to reduction of turbulence, 3839
 optimal allocation of enlisted men, full regression equations vs. aptitude area scores, 8275
- Sorensen, Roy T., pilot plant flotation of nonmagnetic taconite, etc., 6313
- Sorghum, parasitic plant attacks sorghum, 58
- Sorption, *see* Desorption—Electrosorption.
- Soto, Emilio V., relief, 15821
- Sotolongo, Julio C. Muniz y, *see* Muniz y Sotolongo, Julio C.
- Souk You I, *see* You I Souk.
- Sound:
 absorption of high-frequency ultrasonic vibrations in binary alcohol-water mixtures, USSR study, 13518
- acoustics—
 cosmonaut experience, USSR studies, 9137
 decay coefficients of simulated rocket combustors, 9538
 displays of flight parameters, 13710
 KIWI B nuclear rocket study, 4825
 radiated field of rectangular pistons, application of Fresnel method to calculate, 1373
 ray ship positioning and tracking system, 6545
- bioacoustics of fish, USSR study, 12098
- biological effect of ultrasound, USSR study, 13564
- combating noise and sonic vibration on ships, USSR book review, 1047
- convergence-zone-measured pressures in deep ocean compared with pressures computed from sound speed depth function, 2495
- effect of ultrasound and high-frequency noise on blood sugar level, USSR study, 12155
- fish concentration density determined by hydroacoustics, USSR study, 17790
- hydroacoustic communications system with pulse-time signal modulation, USSR study, 2263
- propagation study, application to anticipation of sonic boom produced by supersonic flight, 2441
- reflected velocity potential, of rigid bodies, 12422
- refraction by jet flow or jet temperature, 10960
- sonic fatigue characteristics of randomly excited aluminum viscoelastic panels at ambient temperatures, 9400
- sonic wave velocity measurements used to determine elastic constants, strength and density of Greenland snow, 9891
- ultrasonics—
 emission method enables testing of adhesive bonds, 13776
 method of analyzing sugar crystal-containing mass, USSR study, 10795
 systematic errors in propagation parameter measurements, effects of guided cylindrical modes, 1351
- Sound—Continued
 ultrasonics—continued
 transducer loading effects on transit time measurements, evaluating method, 1366
 transducers, phase-locked-loop control for driving, 15174
 ultrasound and industrial hygiene, USSR study, 13488
 voiceless fricative sounds from clipped speech signal, recognition, USSR study, 4601
see also Noise—Noise suppressors.
- Sound recording and reproducing equipment, *see* Tape recorders.
- Sound recordings:
 recordings for use of blind and other handicapped persons—
 hearing, 11660
 law, 17092
 reports, 10217, 13134
 telephone transmission of messages, unlawful unless subscriber identified, hearings, 7205
 USSR all-Union scientific session devoted to radio day, 14937
- Sound, The, *see* Oresund.
- Sounding (meteorology):
 ionospheric, distributed amplifier designed for use, 7922
 thermal radiation sounding of water surface layer from radiation of heat, 16411
- Sounding rockets, *see* Rockets.
- Soundings, ionosounder techniques, investigation, 10959
- Souris River and Valley, basin, water pollution control, comprehensive program, 17669
- South (U.S.):
 browse plants, seasonal twig growth, 5988
 cost of transporting freight, 7538
 desegregation of health and welfare services, survey, 5516
 economic growth, Federal programs to encourage (address), 10020
 freight, cost of transporting, 6085, 6088
 fresh fruit and vegetable unloads in southern cities by commodities, States, etc., 5835
 hardwood veneer logs and bolts, major defects, 10608
 nonmetropolitan areas, employee earnings and hours, 17816
 plastic impregnated wood, radiation produced, commercialization of process of manufacturing, 11438
 rural farm population, southern region, consumer expenditures and income, 14118
 rural nonfarm areas, consumer expenditures and income, 1961, supp., 2290
 shrimp and shrimp fishery, 14654
 shrimp landings in southern States, 767
 small metropolitan areas, employee earnings and hours, 16539
 Southern and border States, school desegregation, 1965-66 survey, report, 6960
 urban and rural, consumer expenditures and income, 7603, 13591
 wild ducks on farmland, 8146
- South Africa:
 atomic energy safeguards, application by IAEA for peaceful uses, agreement, 2586
 background notes, 8051
 Basutoland, 16844
 Bechuanaland, 11235
 mineral industry, minerals yearbook chapters, 9364
 Basutoland, Bechuanaland, and Swaziland, 4761
 South-West Africa, 6305
 United States relations with, hearings, 8668, 11657, 13038, 15969
 print additional copies, report, 13001

- South America :
 Atlantic Coast, surface water temperature and salinity, 3991
 civil divisions, geographic report, 15341
 east coast—
 lights and fog signals, list, changes, 5055, 9581, 13894, 15237
 tide tables, 10005
 health information for travel in, 11184
 Russian students in South America, 9140
 sailing directions, change, 7956
 weather, 1951-60 records, 17638
 west coast—
 lights and fog signals list, change, 1337, 6522, 9582, 13895
 tide tables, 6987
 South Arabia, Federation of :
 background notes, 12518
 mineral industry, minerals yearbook chapters, 4775, 17846
 South Asia, *see* Asia.
 South Atlantic region, *see* Atlantic States.
 South Atlantic slope basins, *see* Atlantic States.
 South Atlantic States, *see* Atlantic States.
 South Bend, Ind., area wage survey, metropolitan area, 12211
 South Carolina :
 Barnwell Soil and Water Conservation District, coastal bermudagrass pasture and haled hay (colored poster), 9700
 census of business, 1963, selected services, area statistics, errata, 3880
 census of manufactures, 1963, manufacturing plants, location by county, industry and employment size, 14258
 climatological data, 2751
 coastal beaches, hurricane survey, engineer report—
 departmental edition, 10436
 document edition, 10102
 county business patterns, 1730
 electric rate book, 17658
 landings, fish and shellfish, 3522, 13336
 life tables, 18048
 mineral industry, minerals yearbook chapter, 1143
 precipitation data, hourly, 3045
 South Central States, *see* Central States.
 South China Sea :
 sailing directions, change, 17969
 western shores, sailing directions, changes, 6521, 12406
 South Dakota :
 census of manufactures, 1963, area statistics, 15572
 climatological data, 2751
 congressional districts, 90th Congress, 15599
 county business patterns, 238
 District Court, terms to be held at Rapid City—
 law, 17130
 report, 17244
 electric rate book, 721
 fishery products, wholesale dealers, list, Mississippi River and tributaries, 776
 Indians, general information, 14763
 iron resources, 6286
 life tables, 18049
 manufacturing plants, location by county, industry, and employment size, 1963
 census, 14257
 mineral industry, minerals yearbook chapter, 1144
 precipitation data, hourly, 3045
 Sully County Soil and Water Conservation District, windbreak of trees (colored poster), 9701
 Williston basin, oilfields, 13672
 South Korea, *see* Korea.
 South Pacific, *see* Pacific area.
 South Pacific Ocean, *see* Pacific Islands.
 South Pole-Byrd supplement, seismological bulletin, 3504
 South Vietnam, *see* Vietnam.
 Southeast (U.S.) :
 bauxite deposits of southeastern United States (series), 2091, 10631
 ground water levels, 4528
 growth patterns in employment by county, 12694
 hurricane disaster relief act of 1965—
 hearing, 527
 law, 439
 report, 554
 principal electric facilities, map, 7380
 water pollution control, comprehensive project, 14649
 Southeast Asia, *see* Asia.
 Southeast Asian studies (Japanese periodical) :
 translations, 927, 942
 Southeastern Forest Experiment Station :
 publications 1959-63, supplement, 4483
 publications, lists, 7459, 14698
 station paper, 4483
 Southeastern Power Administration :
 appropriations, 1967, public works, hearings, 10229, 16173
 quarterly report, 3444
 Southeastern States, *see* Southeast (U.S.).
 Southeastern University :
 charter, amend—
 law, 17131
 reports, 15789, 16046
 Southern Forest Experiment Station, publications, lists, 3454, 7460
 Southern Hemisphere, *see* Hemisphere, Southern.
 Southern Pacific Co., accident, 2137
 Southern pine, *see* Pine.
 Southern pine beetles, *see* Beetles.
 Southern Pines, N.C., climatic summaries of resort areas, 5899
 Southern region, *see* South (U.S.).
 Southern Rhodesia, *see* Rhodesia.
 Southern Ry., accident, 2141
 Southern States, *see* South (U.S.).
 Southern Utilization Research and Development Division, publications and patents, semiannual lists, 6717
 Southwest (U.S.) :
 growth patterns in employment by county, 12695
 principal electric facilities, map, 7378
 southern High Plains, runoff water in playas, hydrology, etc., 15435
 transportation of grain 1960-62, by rail and truck, 3771
 South-west Africa, *see* South Africa.
 Southwestern Power Administration, appropriations, 1967, public works, hearings, 10229, 16173
 Southwestern States, *see* Southwest (U.S.).
 Sovhozes, *see* State farms.
 Sovie, Ronald J., effects of metastable atoms on volume ion production in tenuous helium plasma, 1280
 Soviet bloc :
 conferences in Soviet bloc (periodical), 2780
 foreign trade development during years of people's authority, 10808
 meteorology, meeting, lectures, tours, 9071
 national guiding organs of scientific life in Socialist nations of Europe, Hungarian study, 10820
 public health, 4618
 public health service in rural regions, 7557
 Soviet-bloc research in geophysics, astronomy, and space (periodical), 3524
 Warsaw Pact, role in bloc affairs, 10351
 Soviet Navy and cybernetics, USSR study, 6205
 Soviet Space Coordination Computer Center, general description, 6139
 Soviet Union, *see* Union of Soviet Socialist Republics.
 Soviet Zone of Germany, *see* Germany.

- Soward, Kenneth S., geology of damsites on Flathead River, mouth to Flathead Lake, Lake and Sanders Counties, Mont., 2105
- Sowder, Arthur M., Christmas trees, tradition and trade, 11349
- Sowers, Donald L., torque requirements for orientation of solar Brayton system in earth orbit, 2427
- Sowing:
aerial seeding sitka spruce and western hemlock on cutover area in southeast Alaska, 4444
seeding conifers and buffer crops to reduce deer depredation, 17687
- Soybean meal, futures trading and open contracts, 3014
- Soybean nematode, *see* Nematoid worms.
- Soybean oil:
edible, publications, list, 9783
futures trading and open contracts, 3011, 3014
- Soybeans:
diseases, 15440
futures—
commitments of traders, 2765
trading and open contracts, 3014
plant on acreage diverted from cotton, amend law, hearings, 8647
processing and utilization, list of references, 15205
protein products, edible, publications and patents, list, 9784
stocks in all positions, 2595
- SP series, *see* FMC SP series—MA SP series—NASA SP series—Special publication SP series.
- Space, Ralph S., Clearwater story, history of Clearwater National Forest, 7450
- Space:
device removes hydrogen gas from enclosed spaces, 13775
nature of curved space, USSR study, 4614
open, recreational priorities, 17946
open space for urban America, 5204
projecting needs for schools of nursing, guide, 13965
warehouse and storage, census of business, 1963, wholesale trade, subject report, 8326
weakly paracompact, Hurewicz theorem, 13850
see also Outer space.
- Space Administration, *see* National Aeronautics and Space Administration.
- Space age:
exploration of moon, USSR, 17761
life sciences in space age setting, materials structured as curriculum guide, upper elementary-junior high school, 12263
nobium, metal of space age, USSR study, 13512
technology utilization program of NASA for industrial and consumer benefit, 7903
- Space biology:
biological laboratory in orbit, USSR study, 6233
radiobiology, training and operations, 5299
space bioscience, 1958-64, significant achievements, 7752
- Space charges:
space-charge-flow computer program, 9522
theory, thermionic conversion theoretical background, 6465
- Space communications:
information transfer systems, 9530
radio, problems, 4988
satellite, 1958-64, significant achievements, 7753
short-wave communication with space-ships, peculiarities, USSR study, 7565
strain measurements conducted on Echo II, 7817
- Space environment, *see* Environment.
- Space exploration, *see* Outer space.
- Space flight, *see* Astronautics.
- Space laboratories, biological laboratory in orbit, 6233
- Space medicine, *see* Medicine.
- Space Medicine Advisory Group, NASA, orbiting research laboratory, medical aspects, study, 15079
- Space navigation, *see* Navigation.
- Space perception, depth problems, method of simulating objects moving in depth, 9938
- Space photography, *see* Photography.
- Space Research Committee, Goddard Space Flight Center contributions to May 1965 meeting, 13801
- Space sciences:
and applications programs, 16712
report to Space Science Board, 12378
career, guidebook, 10973
Goddard Space Flight Center publications, 1964, collection, 11084
International symposium, Goddard Space Flight Center contributions, 13801
microelectronics in space research, 1198
particles and fields, 1958-64, significant achievements, 7755
space bioscience, 1958-64, significant achievements, 7752
technology status and trends, symposium, 6358
- Space sextants, *see* Sextants.
- Space simulators:
philosophy of simulation in man-machine mission system, 10977
vacuum technology and space simulation, 16619
video signal processing system, 16643
- Space stations:
manned, thermal integration of electrical power and life support systems, 1181, 16590
orbiting, passive thermal behavior, analog study, 17920
proton scientific station, rocket-space system development, USSR study, 2191
- Space structures, *see* Spacecraft.
- Space suits:
development status, 6455
evaluation and comparison, 13815
errata, 16653
lunar exploration, bioenergetics, 10975
man's self-locomotion capabilities, in lunar gravity, exploratory study, 12332
portable lightweight cell provides controlled environment in event of damage or malfunction, 15100
- Space surveillance system, *see* Naval space surveillance system.
- Space technology:
career, guidebook, 10973
Goddard Space Flight Center publications, 1964, collection, 11085
- Space telemetry, *see* Telemetry.
- Space Tracking and Data Acquisition Network, computer program to improve STADAN station scheduling, 9501
- Space vehicles, *see* Spacecraft.
- Spacecraft:
aeroballistic launch vehicles, minlmax attitude control, 2367
aerodynamics, nose-mounted control-system jets effect in roll-control positions, 6448
aerospace maintenance safety, 2644
altitude, sextant measures without gravitational reference, 7797
- Apollo—
afterbody, heat transfer and pressure with and without ablation, 16683
boilerplate service module, buffet response, 4895
command module, effect of protuberances, etc., on pressure and heat-transfer distribution, 16647
landing characteristics with deployed-heat-shield impact attenuation systems, 4901

Spacecraft—Continued

Atlas-Centaur AC-2, AC-3, and AC-4 vehicles, interstage adapter panel flutter, 1240
 atmospheres, effects of 100% oxygen on ignitability and combustibility of materials, 3797
 atmospheric problems, 6283
 attitude control, use of rotating-solid-rocket control system, errata, 15182
 axisymmetric launch vehicles, analytic longitudinal response analysis, 4808-9
 Brayton cycles—
 gas-to-liquid heat exchangers, 9430
 errata, 10939
 power generation system, cold performance evaluation of radial inflow turbine, 4898
 ceramics as structural materials, 17883
 coatings—
 pigmented, resists thermal shock, 1229
 special, for temperature control, 1213
 communications satellite system, final report of Relay I program, 1195
 computer program for calculating charge distribution about space vehicle, 6346
 control moment gyro optimization study, 7726
 control systems, nose-mounted rotating-solid-propellant rockets, 7855
 delta-planform canard controls, divergence characteristics, 7898
 design reliability goal developed from small sample, 16625
 digital stabilization and control system study, 13713
 docking—
 Gemini-Agena, study using fixed-base simulator employing closed-circuit television system, 2414
 simulated task, role of prediction in training, 13910
 electrical power management survey manual, errata, 1200
 electromagnetic forces on space structures, 10945
 environmental physiology, 6282
 fasteners and fastener materials, evaluation, 4814
 flight in space training vehicle, USSR study, 4650
 flight parameters and vehicle performance for Project Fire flight II, 15176
 Gemini—
 configurations, damping and stability in pitch and yaw, 7854
 left-hand window, effects on experiments requiring accuracy in sighting or resolution, 17927
 parachute landing system, 12364
 Gemini-Agena, pilot-controlled docking, effect of target angular oscillations, 9528
 guidance—
 and control devices, orbital testing requirements, 4812
 linear theory of impulsive velocity corrections, 7875
 heat shield, clamshell-type, deployment from parent vehicle, 7831
 integrated display development, 10944
 interplanetary missions, chemical stages in 300 to 400 second specific impulse range, performance analysis, 2434
 interplanetary monitoring platform—
 (IMP) performance, computer analysis, 7860
 IMP-I—Explorer XVIII, flight report, 7870
 IMP-I magnetic test program, 7885
 IMP-II Explorer XXI, flight report, 11048
 interplanetary vehicles, low-thrust, optimal celestial-inertial navigation concept, analysis, 10938

Spacecraft—Continued

landings—
 fragmenting-tube energy-absorption, 6442
 prediction of inversion load of circular tube, 16685
 lateral-drag and lift-drag-ratio requirements for return to both optimum and nonoptimum recovery sites, definition, 11779
 launch vehicles—
 backcut, current measurement, 16665
 cluster-d, vibration, analysis, 1260
 comparison of wind-tunnel and flight pressure measurements, 6445
 digital adaptive filter, etc., control techniques applied to large vehicles, 9431
 empirical method for determining static distributed aerodynamic loads, 7533
 large flexible, extracting rigid-body motion from total motion, frequency independent technique, 1272
 piloted, simulation investigation of loads experienced, 7536
 transonic pressure distributions over protuberances and adjacent areas in proximity to nose, 7521
 unguided, aeroelastic divergence, 7532
 living in space, 13721
 low-frequency noise reduction, 16605
 lunar landing, research vehicle, landing dynamics study, 9403
 manned—
 life-support systems, application of radioisotopes, 9923
 Mars landing mission using electric propulsion, 4940
 Mars mission by means of high-thrust rockets, 4929
 meteorological observations, USSR study, 16409
 thermal regulation for cabins, 7867
 vehicles entering earth's atmosphere at hyperbolic speeds, minimization of heat input, 9544
 manufacturing occupations, employment outlook, 9292
 Mariner—
 report, 13720
 report from Mars, 9443
 Mariner-Venus 1962, final project report, 4538
 Mars entry vehicle, conceptual design for damping system, 15042
 materials and equipment, effect of meteoroid, environment, 4834
 materials handbook, 6355
 membranes of revolution, nonlinear membrane solutions, 7835
 momentum-exchange system, removal of angular momentum, 7844
 multistage launch vehicles, payload optimization, 4938
 nonstationary, vibration data, spectral analysis, 1191
 nuclear power generators, bearings, 5591
 nuclear space program, organization and plans (address), 166
 optimal filtering and linear prediction for midcourse navigation and guidance system, effect of reduced computer precision, 7890
 optimum earth re-entry corridors, 6342
 orbits, determination with respect to object in known circular orbit, 15150
 orientation control systems, use of photovoltaic solar sensor, 6447
 pacing systems of Apollo program, 1868
 peaceful uses of earth-observation spacecraft, 16602-604
 planetary-entry configurations, dynamic-model study, 13818
 pointed and blunted 30° half-angle cone at Mach numbers from 11.5 to 34 in air, experimental stability and drag, 4939

Spacecraft—Continued
 power systems—
 electromagnetic alkali metal pump research, 6332
 one-megawatt, use generator with superconducting magnetic field, 7864
 partially segmented direct-condensing radiators, weight study, 4963
 Project Ranger, general information, 1193
 Project Surveyor, report of Subcommittee on NASA Oversight, 530
 propellant consumption, round-trip trajectories to Mars, 4967
 propulsion, electromagnetic accelerators, 7853
 radiator panels utilizing shared fins, heat-rejection characteristics, 15189
 Ranger—
 photographs of moon, 12280-281
 view of moon, 12277
 Rankine space power systems, AIAA specialists conference, 12073
 reentry vehicles—
 blunted cone, longitudinal aerodynamic characteristics, 7848
 M2-F1 lifting body flight vehicle, longitudinal aerodynamic characteristics, 6468
 phenomena at hyperbolic velocities, Project Fire photographic summary and record, 17913
 pilot guidance and control, 1189
 slab delta planforms, effect of thickness, etc., 12345
 response, effects and importance of penetration and growth of lift, 1186
 Saturn IB/Apollo upper stage, supersonic/hypersonic aerodynamic investigation, 4819
 scientific, stored space program computer, 17917
 Scout vehicles, Marc 36A1, 1-KS-75 spin motor, design, test, and documentation, 4816
 self-sealing structures for space vehicle application, evaluation, 10953
 separation trajectory characteristics resulting from separating 2 vehicles in near-earth orbits, 2406
 SERT-1, thrust measurement of ion thrusters, 9532
 short-wave communication with space-ships, peculiarities, USSR study, 7565
 SNAP nuclear space reactor, principles and uses, 15551
 soft lunar landing, Monte Carlo approach to touchdown dynamics, 1279
 space measurements survey, 13727
 space vehicle structures, blast effects, 4897
 stiffness properties of foam-filled fabric structures, 7825
 Surveyor I, preliminary report, 12283
 Syncon III launch, 7886
 systems—
 inertial experiment pointing and attitude control, 15202
 integrating, 7813
 temperature controller, 7842
 tension shell entry configuration, longitudinal aerodynamic characteristics, 15159
 thermal protection system, charring ablation analysis, 2432
 thermoelectric generator, high-temperature radioisotope, 9928
 thermostatic fin temperature control, design considerations, 10966
 Thor vehicle structure, longitudinal vibration, 17916
 thrust-vector orientation technique, simplified, for establishing lunar orbits, 6458
 TOS project, 13852
 turbine, radial-inflow, designed for Brayton-cycle space power system, cold performance evaluation, 4977

Spacecraft—Continued
 two-stage launch vehicle, supersonic investigation of effects of configuration geometry on pressure-coefficient and section normal-force-coefficient distributions, 15139
 vacuum technology and space simulation, 16619
 vehicles, Federal item identification guides for supply cataloging, supplements, 2940
 Voskhod—
 crew, results of physiological and biochemical examinations of members, 12149
 Soviet space vehicle, superior technical features, 14863
 space walk, medical conclusions, USSR study, 9076
 water vapor jets for attitude control systems, 13846
 wind loads on vertically launched vehicles at various geographic locations with launch altitudes, 6444
 see also Satellites.
 Spaceship crewmen, astrostomatology, dental standards for selection and examination of space crewmen, 12641
 Spaceship crews, Voskhod members, results of physiological and biochemical examinations, 12149
 SPAD (Satellite Position Prediction and Display) equipment, see Electronic computers.
 Spady, Amos A., jr., exploratory study of man's self-locomotion capabilities with space suit in lunar gravity, 12332
 Spain:
 atomic energy cooperation for civil uses, agreement, 12536
 education, data, 14549
 labor conditions, 13645
 loan of helicopter carrier, law, 426
 loan of vessel, agreement, 15353
 machine tools and other metalworking equipment, foreign market survey, 178
 mineral industry, minerals yearbook chapter, 7703
 pocket guide, 6824
 space research, measurement of high altitude winds and temperatures, agreement, 12538
 tracking stations, agreement, 5166
 trade, agreement relating to GATT, 2581
 Spakowski, Adolph E.:
 effect of moisture on cadmium sulfide solar cells, 17924
 thermal cycling of thin-film cadmium sulfide solar cells, 16657
 Spalding, Donald H., appearance and decay of strawberries, peaches, and lettuce treated with ozone, 16928
 Spanish Peaks, Mont., primitive area, mineral resources, 12015
 Spanish War Veterans, see United Spanish War Veterans.
 Spanish West Africa, Spanish Sahara, background notes, 1486
 Spanworms, elm, individual eggs from mass-depositing insect, 14709
 Spare parts, see Repair parts.
 Spark source mass spectrograph program, 7920
 Sparta project, see Project Sparta.
 Spasmodic action of new oximes, 14813
 Spatial disorientation:
 causes, preventive measures, etc., 14189
 demonstrator program, 1624
 Spatz, Laura H., productivity, bibliography, 16536
 Speaker, W. V., spectra, etc., of fluctuating pressures at wall beneath supersonic turbulent boundary layer, 10954
 Speaking of space and aeronautics (series), 1288, 9551, 12379, 13851
 Special analyses, Budget of United States, fiscal year 1967, 5432

Special announcements from Clearinghouse for Federal Scientific and Technical Information, 3529

Special Assistant to the President for Consumer Affairs, Office of, press releases, 3407

Special courts-martial instructional guide for presidents, 5065

Special current business reports (series), 8368

Special publication SP series, 12410-411, 13900, 15239

Special reports, Cold Regions Research and Engineering Laboratory, 117, 163S, 3817, S244, 9890, 11397, 14211

Special Representative for Trade Negotiations, Office of: appropriations, 1967—hearings, 15955 reports, 1593S, 17539

Specialists: job placement, shortcomings in USSR plan, 16480 mineral specialist, examination announcement, amdt., 17034 training—higher and secondary specialized education, improve, USSR study, 16470 tasks of research institutes, 4669 see also types of specialists, or occupations.

Specific electronic charge: charging submicron carbon powder for colloidal particle thrusters, 16703 high charge-to-mass ratio provided by dust particle injector for hypervelocity accelerators, 13782

Specific gravity, Maine conifers, estimating, 10595A

Specific risk investment guaranty handbook, 2133

Specifications, see Government supplies—also names of departments, etc., issuing specifications—also subjects.

Spectacles, dispensing of eyeglasses by physicians, hearings, 7221

Spectra: absorption, atmosphere from 8512 to 11,600A, atlas, 6553 alpha-radiation spectra from thick emitters, approximate method of calculating, USSR study, 2149 band spectrum of carbon monoxide, 13859 differential energy and angle, for 137-Cs gamma rays in sand, determination, 11423 distribution functions, molecular band systems, air radiation tables, 15060 electromagnetic spectrum utilization, the silent crisis, 17054 emittance of aluminum oxide and zinc oxide on opaque substrates, 1277 energy spectrum (remarks), 11161 fluctuating pressures at wall beneath supersonic turbulent boundary layer, 10954 gamma spectrum measurements, SNAP 8 radiation effects test program, 7745 infrared, plastics and resins, materials developed since 1954, 16766 ionospheric layers in infrared region, USSR study, 14794 mass— and correlations with structure for butylthiophenes, 7710 and infrared unsaturated hydrocarbons and oxygenates, 17863 spectra of organic sulfur compounds, 4788 nonstationary spacecraft vibration data, spectral analysis, 1191 particle spectrum determination by transparency method for large particle concentration, 16410 photoelectric detection of weak spectrum lines, 6345

Spectra—Continued post pulse gamma-radiation, Operation BREN, 11420 ultraviolet, absorption cross sections, 4826 wind-wave angular spectrum, USSR study, 16413 X-ray, of atoms in polar crystals, absorption, USSR study, 1050

Spectral analysis and parametric methods for seasonal adjustment of economic time series, 273

Spectral lines, carbon dioxide, positions and intensities calculated for 2.05 and 2.7 micron regions, 9535

Spectrochemical Analysis Section, NBS, activities, annual report, 1671S

Spectrograms, spectrozonal aerial photographs for topographic interpretation, USSR study, 14900

Spectrographs: instrumentation for primary and secondary excitation of low-energy X-ray spectral lines, 1161 mass, spark source program, 7920 multigap magnetic, duty-free entry, 3S9, 542, 17189 split pole, universities, duty-free entry, 373, 388

Spectrography, spectrographic analysis of natural water (series), 17726

Spectrometer-gas chromatographs, see Chromatographs.

Spectrometers: gamma spectrometric measurement for recovery of U-235 in absolute air filters, 8291 mass— analysis of DC 704 diffusion-pump oil fragmentation, 1248 double focusing magnetic, for satellite use, 6422 duty-free entry, 373, 37S-379, 3S9, 542, 16130, 17184, 17332 highly sensitive solids, uses inert-gas ion source, 7773 instrumentation of NBS Analytical Mass Spectrometry Section, 15209 operating parameters of omegatron in ultrahigh vacuum, 4908 submicron holes in thin films increase sampling range, 15110 submillimeter interference spectrometer, characteristics, performance and measurements, 10961

Spectrometry: homogeneity characterization of NBS spectrometric standards for cartridge brass and low-alloy steel, 5007 mass, investigation of reaction of oxygen atoms with methane, 7883 mass spectrometric determination, synthetic boron isotopic mixtures, preparation, 11426

Spectrophotometers, flame, use for determination of biologic calcium, analysis, 5336

Spectrophotometry: cell with 4 variable compartments for rapid infrared analysis, 10925 determination of gallium in plutonium-gallium alloy, 3847 report, 5012 Trailblazer I payload reentry events, photometric analysis of spectrograms, 9520

Spectroradiometry, data reduction for filter, 1249

Spectroscopy: beam splitter used in dual filming technique, 6398 electron paramagnetic resonance, for studying surface defects and adsorbed molecules, 7871 infrared, xanthate-galena system, 15021 instrumentation for primary and secondary excitation of low-energy X-ray spectral lines, 1161

INDEX 1966

- Spectroscopy—Continued
 mass, bibliography of literature, compiled
 by computer method, 15533
 temperature measurement method which
 does not require transition probabilities, 6333
- Spectrum, *see* Spectra.
- Spectrum analyzers, swept frequency, in-
 flight vibration analysis, design equations,
 15196
- Speculation:
 futures trading and open contracts—
 cotton, wool, wool tops, cottonseed oil,
 soybean oil, 3011
 eggs and potatoes, 3012
 potatoes and rice, 3013
 wheat, corn, etc., 3014
 Maine potato futures, 8444
 wheat, corn, oats, rye, soybeans, eggs,
 commitments of traders, 2765
 wool, cottonseed oil, potatoes, futures,
 commitments of traders, 2764
- Speech:
 discrimination—
 connection between motor theory and
 general problem, USSR study, 4688
 expanded test using CNC monosyllabic
 words, Northwestern University audi-
 tory test, 15489
 disorders, summary of progress, 1314
 intelligibility, monaural and binaural,
 14993
 pattern recognition, USSR study, 10709
 pure-tone acuity and intelligibility of
 everyday speech, 13667
 segmentation principles, 939
 Speeches, *see* Addresses, lectures, etc.
- Speed, of reading in high school, 11881
see also Air speed.
- Speer, Paul R., low-flow characteristics of
 streams in Mississippi embayment etc.,
 6032, 10641
- Spencer, Bernard, jr., transonic aerodynamic
 characteristics of series of related bodies
 with cross-sectional ellipticity, 6421
- Spencer, Carrol D., consumption of com-
 mercial fertilizers and primary plant nu-
 trients in U.S., 16870
- Spencer, John D., Mines Bureau coal pro-
 gram, 16559
- Spender, Stephen, lecture, Oct. 11, 1965,
 17821
- Spending and saving in urban and rural
 areas, 2293
- Sperry Rand Corp., Univac Division, over-
 head costs charged to Government con-
 tracts, GAO report, 9000
- Spheres:
 accelerating in viscous fluid, proposed
 equation for calculation of forces on,
 verification, 15508
 blunt axisymmetric bodies in supersonic
 spherical flow, numerical solutions,
 7891
 buckling of complete spherical shells,
 15057
 device spot-laps spheres to very close tol-
 erances, 9482
 dielectric, values for scattering in region
 of first resonance, 12439
 dual calsphere experiment, 1365
 Green's function approach to vibration of
 thin spherical shell segments, 16611
 hollow spherical rotors fabricated by elec-
 troplating, 15097
- spherical—
 earth satellites in rarefied partially
 ionized atmosphere, electromagnetic
 torques, 6471
 shell with non-axisymmetric boundary,
 16595
- Spheroids, geodesy, computing problems,
 USSR studies, 922
- Spices, foreign agriculture circulars, 2987
- Spiegelman, Robert G., analysis of urban
 agglomeration and its meaning for rural
 people, 13263
- Spillways:
 box-inlet drop, hydraulic design, 8143
 Cannellton Locks and Dam, Ohio River,
 hydraulic model investigation, 5889
 chute flow at Fort Randall Dam, 10443
 Hannibal Locks and Dam, Ohio River, Ohio
 and W. Va., hydraulic model investiga-
 tion, 13297
 low-head navigation dam, Arkansas River,
 Ark., hydraulic model investigation, gate
 sills and stilling basins for locks and
 dams 5 and 7, 1991
 Shelbyville Dam, Kaskaskia River, Ill., hy-
 draulic model investigation, 11897
 tainter gates, engineering and design
 manual, 17632
- Spin (aircraft):
 effects of applying thrust on recovery,
 12341
- Spin (atomic):
 eigenfunctions and eigenvalues for linear
 chain of atoms, 11100
- Spin waves, theory of ferromagnetism, signif-
 icance of dimensionality, 11099
- Spinal cord:
 Clinical Spinal Cord Injury Conference,
 1964, proceedings, 6687
 dog, effects of profound hypothermia, his-
 tologic study, 80
 injuries and diseases, research funds—
 hearing, 8787
 report, 16140
- Spindler, Pearl G., expanding opportunity
 in private household employment, 4326
- Spleen, immune response, chemical protec-
 tion against radiation damage, 15494
- Splices, nonmetallic waterstops, water re-
 tectivity and tensile strength, 4342
- Splices (coiled):
 flexible, securely joins mating cylinders,
 9479
- Spokane, Wash., area wage survey, metropol-
 itan area, 14973
- Spokane Reservation, timber, potential for
 intensive management, 10660
- Sponsors, Neighborhood Youth Corps, finan-
 cial management requirements, 13588
- Sport fisheries, *see* Fish and fisheries.
- Sport Fisheries and Wildlife Bureau:
 appropriations, 1967, hearings, 7113
 resource publications (series), 2045, 7439-
 40, 10537, 11977, 14674, 16311-312,
 17677
 resource status reports, 765-766
 technical papers, 7444, 14679
 unauthorized use of management and in-
 vestigations of resources funds for new
 construction, GAO report, 16351
 wildlife research problems, programs,
 progress, 17677
- Sporting goods:
 bibliography, 16821
 Federal item identification guides for sup-
 porting cataloging, supplements, 2939
 sporting and athletic goods, census of
 manufactures, 1963, industry report,
 3906
- Sports:
 electronic trainer by laboratory for sports
 cybernetics, USSR study, 6164
 teaching lifetime skills, manual, 13948
- Spot welding, *see* Welding.
- Spray towers, vapor reheat, liquid-liquid heat
 exchange process, 14772
- Sprayers, low-volume mist, for applying in-
 secticide concentrates from ground equip-
 ment, 9772
- Sprays and spraying:
 aerial spraying of—
 low-grade hardwood stands with 2,4,5-G
 in West Virginia, 10569
 malathion, control of pine needle-sheath
 miner, 17689

Sprays and Spraying—Continued
 plasma-sprayed alumina coatings on stainless steel, shear bond strength analysis, 1275
 spray deposit, new method for assessment, 8965
 spray-on technique simplifies fabrication of complex thermal insulation blanket, 6379
 tree marking system improves forest spraying operations, 8952
 water protects stored logs in Hilo, Hawaii, 10574
 Spread footing foundations on snow, 14212
 Spreaders for preparation of uniform plates for thin-layer chromatography, 8954
 Sprecher, William M., world-wide defense expenditures and selected economic data, 8227
 Spreemann, Kenneth P., longitudinal aerodynamic characteristics of powered 4-duct-propeller VTOL model, 9507
 Spring, mean date of last 32° (F.) temperature, map, 8866
 Spring-flowering bulbs, 12604
 Spring Garden Planting Week, designate, report, 16085
 Springfield, H. W.:
 adaptability of forage species for pinyon-juniper sites in New Mexico, 4452
 effects of 3 years' grazing on crested wheatgrass lambing range in northern New Mexico, 13367
 Springfield, Mass.:
 commodity transportation survey, production area series, 8340
 principal electric facilities, map, 7374
 wholesale food distribution facilities, 48
 Springfield, Ohio, commodity transportation, production area series, 9956
 Springs (mechanism):
 diaphragm spring gives clutch over-center toggle effects, 15094
 Springvale, Ga., bauxite occurrences in area, 2091
 Spross, Patricia M., elementary arithmetic and learning aids, 4301
 Spruance, Raymond A., naval leadership, study in command, 12412
 Spruce:
 black, Lake States, botanical and commercial range, 5985
 blue spruce, central North Dakota, performance of 7 seed sources, 14704
 Engelmann—
 bleached groundwood, kraft, and sulfite viscose-grade pulp, suitability for pulping, 2075
 northern and central Rocky Mountains, site index curves, 10567
 Sitka—
 aerial seeding on cutover area in southeast Alaska, 4444
 phenology, and oviposition preference of black-headed budworm, 13360
 pruning in Alaska, test, 13357
 young-growth, in southeast Alaska, volume tables and equations, 8960
 white, botanical and commercial range in Lake States, 5984
 Spruce Knob-Seneca Rocks National Recreation Area, establish, hearings, 4118
 Spur gears, see Gears.
 Sputtering arc, improved carbon electrode reduces, 4863
 Square root:
 computation simplified with delayed ripple counter, 1219
 mean square and elliptical errors methods used to determine accuracy of points in pulsed-sound range finder measurements, 910
 Squaw Creek National Wildlife Refuge, birds, list, 16307
 Squillace, A. E., racial variation in slash pine as affected by climate factors, 16339

Squires, C. K., corrosion protection methods and materials in Sweden, 176
 Srawley, John E., hydrotest failure of Thio-kol Chemical Corporation motor case, 4894
 SRS series, 153S3, 15128
 SSC, see Ship Structure Committee.
 Staats, Elmer B., nomination, hearing, 5814
 Staatz, Mortimer H., geology of Garns Mountain quadrangle, Bonneville, Madison, and Teton Counties, Idaho, 9010
 Stabe, Roy G., cold-air performance evaluation of scale model oxidizer pumpdrive turbine for rocket engine, etc., 6457
 Stability:
 coupled-core nuclear reactor systems, 9421
 deck motion of aircraft carriers, determination, 1354
 floatation, characteristics of right-circular-conic frustum, 7845
 homophase aerosols and its artificial regulation, USSR study, 2211
 lateral stability of deep beams with shear-beam support, 5991
 local, sandwich shells of revolution, 6474
 Lyapunov equation, transient response, 11057
 maintained by preamplifier circuit over wide temperature range, 16646
 role of conductivity in hydromagnetic stability of parallel flows, 2428
 thermal, improved by substituted silanediol polymers, 12301
 ultra shortwave signals along medium range mountain routes, USSR study, 7556
 Stability of aircraft:
 configurations with conard controls, hypersonic aerodynamic characteristics, 9515
 dynamic, VTOL airplane, fan-in-wing model, flight investigation, 13807
 four-duct tandem V/STOL transport, flight investigation, 9502
 Gemini configurations, oscillatory stability in pitch and yaw, 7854
 lateral-range and lift-drag-ratio requirements for return to both optimum and nonoptimum recovery sites, definition, 11079
 longitudinal stability and control characteristics of powered model of twin-propeller deflected-slipstream STOL airplane configuration, 13808
 rough surface improves stability of air-sounding balloons, 2377
 static characteristics of cone and half-cone-pyramid configurations, 15162
 tilt-wing V/STOL transport, powered 1/8-scale model, static and dynamic longitudinal stability derivatives, 16670
 Stability of spacecraft, see Spacecraft.
 Stabilization:
 economic, today's inflationary pressures (address), 14320
 India's worker class, economic status after independence, 4597
 passive gravity-gradient, NASA symposium, 16620
 shortrun, tax changes effects—
 hearings, 10094
 subcommittee report, 10095
 Stackhouse, Stirling P., intraspecies biologic and behavioral variability, 14193
 STADAN, see Space Tracking and Data Acquisition Network.
 Stadiums, District of Columbia, construction, change orders and other matters, review, 14733
 Staff development, see Administrative management.
 Stafford, Walter H., performance analysis of chemical stages in 300 to 400 second specific impulse range for interplanetary missions, 2434
 Stages and discharges of Mississippi River and its outlets and tributaries, 13704

INDEX 1966

- Stagnation point:
arbitrary equilibrium gas mixtures, solution, 4957
enthalpy in Langley hotshot tunnel, 7827
- Stalman Bros.-Simon Wrecking Co.:
relief, 1892
veto, 457
- Stained glass:
free entry for—
Congregation Emanuel of Denver, Colo., 7175, 8450
Our Lady of Angels Seminary, 5721, 5573
- Stainless steel:
and aluminum, brazing process provides high-strength bond, 13787
electrolytic etching process provides effective bonding surface, 13736
fiber length and orientation prevent migration in fluid filters, 13754
honeycomb structures, USSR study, 16424
PH 15-7 Mo (TH 1050), fatigue-crack propagation and residual static strength, 2433
plasma-sprayed alumina coatings, shear bond strength analysis, 1275
plastic plus stainless-steel fibers make resilient, impermeable material, 2393
special 301-type, improved for cryoformed pressure vessels, evaluation, 11067
- Stalingrad, RSFSR, defense, Marshall Vasilevskiy gives details, 2160
- Stall (aircraft):
deep-stall pitch-up characteristics of T-tail transport aircraft, parametric study, 13803
- Stall barns, *see* Barns.
- Stallman, R. W., measurement of hydraulic diffusivity of wedge-shaped aquifers drained by streams, 13408
- Stamford, Conn., commodity transportation survey, production area series, 8340
- Stamler, Jeremiah, proceedings against, report, 17340
- La Stampa (periodical):
index, 3053
- La Stampa sera (periodical):
index, 3053
- Stamper, John W., aluminum, 17832
- Stamping, *see* Metal stamping.
- Stamps, *see* Food stamps—Migratory-bird-hunting stamps—postage stamps.
- Stanczyk, Martin H.:
chemical processing of Florida phosphate rock slime, 17853
continuous attrition grinding of coarse kaolin, 1165
oxidation leaching of copper sulfides in ammonical pulps at elevated temperatures and pressures, 13692
- Standard Magnetic Observatory, *see* Automatic Standard Magnetic Observatory.
- Standard Reference Data Office, NBS, national standard reference data system, status report, 11098
- Standard reference data system, *see* National standard reference data system.
- Standard reference materials, NBS, 1293
- Standards and Conduct, Select Committee on, House, create, report, 15903
- Standards and Conduct, Select Committee on, Senate:
hearings, 16198
rules of procedure, 12331
- Standards and standardization:
bionics application to field of standardization, USSR study, 10712
cataloging and standardization program, semiannual reports, 1846, 5684
commercial standard series, 1290, 11089, 12381-382, 13856-857, 17936
Defense Department—
specifications and standards, index, 14519
supplement, 3055
- Standards and standardization—Continued
Defense Department—Continued
standardization—
documents, supply classification listings, 2965, 14517
policies, procedures, etc., manual, 3533, 13245
directory SD series, 7270, 16214
Federal specifications and standards, index, 7426
supplements, 3052
Federal standards, 736-737, 4395-96, 7423, 10516, 11953-955, 14644, 16289, 17665-667
guide, 4508
Federal test method standards, 4397, 7424, 14645
military standardization handbook, 10394
military standards, 4257, 7263-66, 8813-14, 10394, 11849-853
national standard reference data system, extend service—
hearings, 15989
report, 12997
standard allowance of test equipment, FAA handbook, 8873
standard reference materials, 16714
NBS cartridge brass and low-alloy steel, 5007
NBS radioactive nuclides, half-lives of materials used in preparation, 1294
standardization manual M series, 5856, 13245
see also Military standards—*also* subjects.
- Standards for juvenile and family courts, 9976
- Standards of statistical presentation, 9894
- STANDIVE, Fortran solution of decompression equations, 13666
- Standoff tool speeds placement of friction-fit electrical terminals, 1223
- Stands, managed, yield tables with special reference to Black Hills, 13373
see also types of stands.
- Stanford University, mass spectrometer, duty-free entry, 378
- Stannic oxides, ceramics, electrical properties, 4831
- Stanislaus National Forest, Pinecrest Recreation Area, owners of summer homes, relief, hearing, 11640
- Stankiewicz, Norbert, limits of validity of radiationless decay of high-density plasmas, 11049
- Stannous fluoride:
prophylaxis pastes—
performance, 8208
protection of enamel surfaces, 6816
- Stanton, Beryle E.:
communications vital to cooperatives, 14592
news for farmer cooperatives, 3270
- Staphylococcus isolated from monkeys and their human handlers, phage type and antibiotic sensitivity, 8207
- Stapleford, R. L.:
pilot describing function measurements in multiloop task, 15052
transfer function approximations for large highly coupled elastic boosters with fuel slosh, 9433
- STAR, *see* Scientific and technical aerospace reports.
- Star Mine, rock deformation measurements, analysis, 9370
- Star routes, *see* Postal service.
- Starbird, I. R., cost of producing upland cotton in United States, 17616
- Starch, trade and tariff, information, summaries, 14045
- Stark, Kenneth W., endless-loop tape transports for satellite applications, 11050
- Stark, Lawrence, biological control systems, critical review and evaluation, 16598
- Starkey Experimental Forest and Range, flora, general information, 10554

Starr, Fred E., relief, 12867

Stars:

- ancient novae and supernovae recorded in annals of China, Korea, and Japan and their significance in radioastronomy, 4993
- catalogs, 6518, 9646
- ephemeris, 1098, 17819
- measuring angle between stationary simulated star and stationary blinking light, sextant sighting performance, 13822
- observations, spectrophotometry of surfaces, etc., 12375

Starting and managing series, 9645

State aid, *see* Grants-in-aid.

State and local government employment and payrolls, 3534

State and Municipal Bond Week:

- designate—
- law, 8473
- report, 8564

State banks:

- member banks of Federal reserve system, list, 4392
- supplements, 3535
- membership in Federal reserve system—regulations, 16284
- weekly changes, 2743

State boards and departments of education, *see* Educational boards and departments.

State courts:

- habeas corpus, applications for writs by persons in custody pursuant to judgments, reports, 15884, 17555
- reform, deduction for income tax purposes of contributions to organizations, reports, 5658, 13162

State Department:

- appropriations, 1967—
- hearings, 15958, 17567
- reports, 15938, 17348, 17539

Assistant Secretary for Inter-American Affairs, nomination of Lincoln Gordon, hearing, 5809

background notes, 1479-88, 6621-27, 8037-54, 9714-17, 11235-246, 12515-519, 14024-28, 15337, 16844-853, 18106-113

biographic register, 12520

bulletin, 2849

career opportunities, secretaries, stenographers, typists, 8067

commercial policy series, 9718, 15338, 18115

communications and records, career opportunities, domestic and overseas assignments, 2574

counselor, nomination of Robert B. Bowie, hearings, 14481

cultural presentations, USA, report, 18119

department and foreign service series, 8055, 9719-20, 12520, 15339, 16854

Deputy Undersecretary for Political Affairs, nomination of Foy D. Kohler, hearings, 17579

diplomatic reception rooms, description, 12521

dollar savings possible through expanded use of foreign currencies to transport personal effects abroad, GAO report, 14728

educational exchange programs, obtaining contributions, GAO report, 8983

embassy construction projects, etc., use of American-made materials, GAO report, 8992

exchange service for U.S. Government personnel, suspension, GAO report, 810

foreign affairs personnel, establish unified system, hearings, 11805

foreign assistance appropriations, 1966, report, 545

foreign assistance appropriations, 1967, hearings, 13014

general information, 9719

indexes, living costs abroad, 2305

State Department—Continued

- information about work and present building, 18116
- international information and cultural series, 1490, 12524, 18119
- news letter, 2850
- public information materials, list, 12523
- publications, list, 3509
- reorganization, hearings, 4224, 8778, 10349, 14484, 17582
- Secretary of State and coordination of overseas activities, 8779
- security, investigation, hearings, 586, 4229, 7223-24, 8781-82, 10357, 11820-821, 17588
- telephone directories, 1493, 11260, 15344
- Under Secretary—
- nomination of Nicholas deB. Katzenbach, hearings, 17579
- Political Affairs, nomination of Eugene V. Rostow, hearings, 17579
- United States activities in Viet Nam, internal audits and inspections, GAO report, 13385
- use of dollars rather than foreign currencies to pay U.S. expenses in Korea, GAO report, 812

State Departments of Education, Advisory Council, *see* Advisory Council on State Departments of Education.

State farms, soykhozes, key personnel, raising qualifications, USSR decree, 6214

State finances series, 1739

State of the Union, *see* United States.

State postal map series, 13927-946

Statements, *see* Addresses, lectures, etc.

States:

- age discrimination prohibited, laws, 9199
- agencies, disposal of Federal surplus property for education, etc., hearing, 14482
- agricultural conservation program, 1964 summary by States, 1531
- agricultural workers status under State and Federal labor laws, 4705
- agriculture departments, directory, 590
- boundaries, with geographic information concerning areas, etc., 6030
- brucellosis eradication activities, 1576, 3556
- certification of interstate milk shippers under State-PHS cooperative program, 5113
- child labor standards, summary, 4703
- citrus fruit production, use, value, 16869
- civil defense—
- Federal contributions available, 11491
- policy regulations of AFL-CIO, change, 5512
- climates, 13299
- congressional districts, redistricted for 90th Congress, 15598-610, 17013-17
- constitutions, proposed changes, deduction for income tax purposes of contributions to certain organizations, report, 13162
- construction expenditures, 3935, 11477
- cost standards for basic needs for old-age cases and families receiving aid for dependent children, Jan. 1965, revised table, 7343
- debt pooling—
- and garnishment, laws, 12205
- laws regulating or prohibiting, 12204
- dental health programs, digest, 12463
- Education Dept. personnel for guidance, counseling, and testing, directory, 7301
- education, improving leadership, 16234
- educational records and reports series, 8842
- glossary of standardized items and terms presented in handbooks, 13269
- employee-retirement systems of State and local governments, 1964-65 finances, 3934
- employment and earnings statistics, 13593

INDEX 1966

States—Continued

equal pay—
 laws, reasons for, 12573
 legislation, what you want in bill, 5252
 farm mortgage debt, Jan. 1, 1965, estimates, 1972
 Federal expenditures, distribution and impact, study, 13213
 Federal grants—
 air pollution control—
 act, amendments, description, 2107
 programs, staff study, print additional copies, report, 7195
 child development specialist employment for elementary schools—
 hearings, 5689
 report, 5676
 children's summer lunch program to provide assistance to youth centers, establish—
 hearings, 13030
 report, 8634
 health planning and services—
 hearings, 7230, 17386
 reports, 16161, 17308
 highway construction act of 1966—
 hearings, 10262, 10264, 10368, 11831
 reports, 12949, 12974, 13169
 section-by-section analysis, 14441
 highway safety act of 1966—
 laws, 15742, 15749
 reports, 12946, 12993, 16078
 library services and construction act, 1966, Federal allotments and required matching expenditures from State and local sources, 1978
 medical assistance under title 19 of social security act, limitations, report, 17282
 technical services programs—
 fact sheet, 11527
 special merit programs, 11528
 steps for State participation, 11529
 training professional health personnel, report, 17269
 Federal-State service, retirement credit, hearing, 17596
 feed consumed by various classes of livestock, 16941
 forestry schools, list, 10556
 fresh fruit and vegetable shipments, 10373, 14508
 government—
 education directory, 11872
 employment should be based on principles of democracy (remarks), 9196
 finances, 1964, compendium, correction, 1739
 finances, 1965—
 compendium, 8367
 summary, 6933
 Governors views on tax incentives and effluent charges for water pollution control, report, 7092
 grants under Older Americans act, for community planning, services, and training, 4
 guidance specifications for positions in aging, 1571
 health—
 authorities, 1966 directory, 16793
 education, and welfare trends, data and rankings, 16365
 insurance coverage, 6612
 higher education, legislation, 17626
 highway beautification program costs, 1967 estimate, instruction manual, 11204
 income tax, withholding from compensation of Federal employees, regulations, rescissions, 15395, 15397
 industrial relations legislation, mediation laws, summary, 4707
 inheritance laws, digest, 11307
 internal security and subversion, principal laws and cases, study, 581

States—Continued

interstate carriers water supplies, inventory, 15285
 interstate taxation act—
 hearings, 10253, 11669
 report, 17232
 invention exhibitions—
 description, etc., 2452
 plan for developing, 5003
 labor laws for women, summary, 12570
 labor legislation, 4710
 annual digests, 4704, 7652
 labor relations act, summary, 4706
 land-grant colleges and universities, Extension Service review (periodical), 2902
 law enforcement, Federal assistance—
 amend law, hearings, 14429
 hearings, 582
 laws—
 transportation and textbooks for parochial school students, 16241
 weightlifting provisions concerning employed women, 6703
 legislative program of Advisory Commission Intergovernmental Relations, 16916
 legislatures, apportionment, report, 5776
 library extension resources and services, 11882
 loans for college education, programs authorized by higher education act, 17622
 local occupational information, reports by employment offices, list, 13286
 McIntire-Stennis cooperative forestry research program, administrative manual, 14132
 manufactures, 1964, general statistics, 14249
 market news reports, directory, 13233
 marketing order legislation, fruit and vegetables, 17949
 marriage records, where to write, 9635
 medical assistance program, questions and answers, 17641
 mental health authorities, conference with Public Health Service, proceedings, 5114
 mental hospitals, patient movement, etc., 5029
 merit systems—
 directory, 7494
 extend to additional programs financed by Federal funds, hearings, 17581
 milk certification program cooperation with Public Health Service, 13964
 minimum wage laws, 11326
 and orders, analysis of rates and coverage, 5233
 summary, 5251
 weapon in war on poverty, 15431
 minimum wages, what a good bill does, 11331
 nomination and election of U.S. Senators, laws, guidebook, 10276
 print as Senate document, report, 10294
 officials enforcing food, drug, etc., laws, directory, 5967
 personal income taxes, Federal-State coordination, 3723
 population—
 estimates, 3929
 voting age, project estimates, 11470
 postal maps, 13927-946
 private employment agencies, laws regulating, summaries, 7653, 12206
 problems and the future (remarks), 363
 professional mental health personnel employed, 11105
 professional workers in agricultural experiment stations and other cooperating institutions, 5286
 proposals in agricultural policy and implications to Marketing Divisions of State Departments of Agriculture (statement), 4233

States—Continued
 public assistance—
 and child welfare plans under social security act, staff development provisions, 5905
 costs of State and local administration, services, and training, 5903, 14586
 plans under social security act, 8869, 11905
 public works, maximum grant rates in qualified areas under Public works and economic development act, 1969
 publications, monthly checklist, 3209
 qualified areas under 1965 Public works and development act, 616
 retirement systems, early retirement provisions, 6610
 salary ranges of positions in employment security, etc., 836, 10657
 school guidance officials, consultation on vocational guidance for girls, 1563
 school systems, 1963-64 statistics, 1981
 selected services area statistics, 1963 census of business, 15566
 sex discrimination in employment, laws against, 6702, 15430
 soil conservation districts, status of organization, etc., 15333
 soil surveys for community planning and resource development—
 hearing, 17354
 law, 17099
 report, 17207
 sources of milk for Federal order markets, 14511
 State and local government special studies, 6938
 State and local governments, Federal aids, catalog, supplement, 10345
 print additional copies, reports, 10212, 10293
 and baled hay (colored poster), 9700
 State programs for public school support, 4318
 State tax collections, 1965 report, 3933
 tax revenue, 6935, 9968, 11478
 quarterly summary, 3448
 taxation of interstate commerce activities, investigation, report, print additional copies, reports, 10187, 14461
 technical services act of 1965—
 amend to include Guam, report, 17268
 fact sheet, 11527
 regional opportunity (address), 4027
 special merit programs, 11528
 steps for State participation, 11529
 technical services, information dissemination (address), 11530
 trends in home mortgages insured by FHA, 4377, 10475
 unemployment insurance laws, comparison, 4324
 revised series, 17629
 union regulatory provisions, summary, 4708
 vocational rehabilitation agencies—
 caseload statistics, 1528
 qualified counseling personnel, increasing supply, guidelines for action, 6692
 vocational-technical program development by States, summary report, 5884
 wage payment and collection laws, summary, 9198
 addendum, 12203
 women's eligibility for jury service, 12572
 workmen's compensation laws, brief summary, 17804
 see also Intergovernmental relations.
 Station papers, Southeastern Forest Experiment Station, 4483
 Stationary engineers, employment outlook, 9278
 Stationary firemen, employment outlook, 9278
 Stationery, House Members, additional allowance, report, 17251

Statistical abstract of United States :
 departmental edition, 15597
 document edition, 15781
 Statistical association methods for mechanized documentation, symposium proceedings, 7913
 Statistical briefs from around world (periodical), 3536
 Statistical data compression technique, 16680
 Statistical distribution of breaking strength of bundle of classical fibers, 2423
 Statistical processes, linear prediction on finite past of multivariate stationary process, 12373
 Statistical publications, see names of departments, etc., issuing publications.
 Statistical Reporting Service :
 appropriations, 1967, Agriculture Dept. hearings, 8648, 11787
 periodic reports, list, 3765
 reports, checklist, 2745
 SKS series, 15383, 18128
 Statistical tables showing effects of proposed amendments to Public law 874 upon participating school districts, 7232
 Statisticians :
 agricultural—
 examination announcement, amdt., 15627
 trainee, examination announcement, 3986
 employment outlook, 9251
 health, training program for college graduate, 8003
 mathematical, and statistician-survey statistician, examination announcement, amdt., 14303
 Statistics :
 activities of Federal Government, personnel, equipment, costs, report, 7095
 application to resource management program (paper), 657
 experimental, handbook, errata, 7910
 Federal-State-local cooperative arrangements, programs and problems, statements, 14244
 Federal statistics, decade of progress (remarks), 15644
 foreign trade, hearings, 16183
 improved, for economic growth, comments by Govt. agencies, 5595
 keypunch controls for string-punching statistical data, 5016
 philosophic questions, USSR study, 6238
 seasonal factor method of BLS (1966), description, application on electronic computer, 13592
 social, law of large numbers, USSR study, 4690
 standards of statistical presentation, Army pamphlet, 9894
 statistical reporter (periodical), 12690
 statistical series releases, SEC, 3538
 see also Vital statistics—also subjects.
 Statler, R. L., radiation damage in silicon solar cells from proton bombardment, 6547
 Statue of Liberty, New York Harbor :
 colored poster—
 English text, 14055
 German text, 14056
 Spanish text, 14057
 Status of Women, Citizens' Advisory Council on, see Citizens' Advisory Council on Status of Women.
 Status of Women, President's Commission on, see President's Commission on Status of Women.
 Statutes, see Law.
 Statutes at large :
 citations, how to find, 521
 89th Cong., 1st sess., 11944
 socialist state industrial enterprise in USSR, 890
 see also Law.
 Statutes of limitations, see Limitations (law).

INDEX 1966

- Stone, James R., local turbulent heat transfer for water in entrance regions of tubes with various unheated starting lengths, 1264
- Stone, Robert N., third look at Minnesota's timber, 10611
- Stone:
 census of mineral industries, 1963, industry statistics, 14262
 cut stone products, census of manufactures, 1963, industry report, 3898
 products—
 census of manufacturers, 1963, manufacturing plants, location, 11455
 commodity transportation survey, shipper series, 217
- Stonemasons, *see* Masons.
- Stonemetz, R. E. liquid cavitation studies in circular pipe bends, 4925
- Stones River National Battlefield general information, 11130
- Stoppings for ventilating coal mines, 4793
- Storage:
 and grain drying studies in southwest Georgia, 67
 critical parts are stored and shipped in environmentally controlled reusable containers, 12300
 energy storage concept uses tapes, 7770
 flood routing without coefficients, 14102
 major power reservoirs in Columbia River basin, 3543
 open areas in military installations, geometric design, Army technical manual, 8263
 safety conditions in storage areas in Agriculture Dept. buildings, GAO review, 8999
 space, census of business, 1963, wholesale trade, subject report, 8326
 underground gas storages, evaluation of ethylene as tracer, 10929
 units, contamination-free, formed by fiberglass container shells, 11011
see also names or classes or articles stored.
- Storage batteries:
 lead-acid cell, plate materials, anodic oxidation of basic sulfates, 12429
 nickel-cadmium, tests, correlation of data, 10948
 operates pilot balloon time-signal generator, 17693
- Storage bins, *see* Bins.
- Storage-stable foamable polyurethane is activated by heat, 10985
- Storage tanks, *see* Tanks.
- Storck, John:
 history of United States National Committee on Vital and Health Statistics, 14000
 report of 15th anniversary conference of United States National Committee on Vital and Health Statistics, 12487
- Stores:
 arrangement and display, bibliography, 2558, 11222
 department stores—
 credit, monthly report, 2851
 inventory price indexes, 7671, 14981
 sales—
 distribution by department, 7417
 distribution by months, 7417
 indexes without seasonal adjustments, 7417
 monthly reports, 3212-13, 8368
 weekly percentage changes, 3700
 retail—
 apparel and accessory, employee earnings and hours, 13614
 building materials, hardware, and farm equipment dealers, 13611
 drugstore, small, starting and managing, 9645
 employee earnings and hours, June 1965, miscellaneous, drug stores and proprietary stores, 13616
- Stores—Continued
 retail—continued
 food stores, grocery stores, employee earnings and hours, 13612
 furniture, home furnishings, and household appliances, employee earnings, 13615
 general merchandise, department stores, etc., employee earnings, 12219
 sales, 2820, 14279
 salesmen, employment outlook, 9272
 small—
 business location and layout, administrative management course program topic, 6598
 financial recordkeeping, 6602
 recordkeeping systems, bibliography, 1458, 9643
- STORET II, storage and retrieval of data for open water and land areas, 17671
- Storey, Theodore G., estimating fuel moisture content of indicator sticks from selected weather variables, 10606
- Stories, *see* Fables.
- Storks, new Pliocene stork from Nebraska, 11223
- Storms:
 Christmas, damage on H. J. Andrews Experimental Forest, 2064
 coastal warning facilities chart—
 Canadian border to Eureka, Calif. and Alaska, 11314
 Cape Hatteras, N.C. to Brunswick, Ga., 12539
 eastern Florida, 7339
 Eastport, Me. to Montauk Point, N.Y., 15418
 Eureka to Point Conception, Calif., 11315
 Hawaiian Islands, 12560
 Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 12561
 Montauk Point, N.Y. to Manasquan, N.J., 15419
 Morgan City, La., to Apalachicola, Fla., 7340
 Point Conception, Calif., to Mexican border, 9764
 Puerto Rico and Virgin Islands, 12562
 data, monthly, 3544
 National Severe Storms Laboratory reports (series), 1536-37, 11317, 12563, 15421
 small craft, gale and whole gale warning facilities chart, Great Lakes—
 Huron, Erie and Ontario, 15423
 Superior and Michigan, 15424
see also Snowstorms—Thunderstorms.
- Story of Hoover Dam, 14006
- Story of Kurchatov, 16450
- Stotelmeyer, R. B., mineral industry of South Dakota, 1144
- Stotz, Margaret S., prices of 1966 automobiles models, 10883
- Stough, Ada B., brighter vistas, church programs for older adults, 5260
- Stout, B. A., prototype hydrohandling system for sorting and sizing apples before storage, 14112
- Stout, R. D., mechanical properties of high-manganese, low-carbon steel for welded heavy-section ship plate, 14010
- Stovas, Mykhaylo V., biography, USSR, 13479
- Stover, W. F., land conveyance, 12865, 14357, 16028
- Strack, William C., combined high-low thrust propulsion for close solar probe mission, 2429
- Strain gages:
 coating permits use of strain gage in water and liquid hydrogen, 11001
 differential weighing system, 8955
 hole-drilling method of measuring residual stresses, 1372
 mechanism for measuring static and dynamic cable loads, 9458

Strain gages—Continued

network distinguishes between thermal and mechanical deformations, 12321
radiation used to temperature compensate semiconductor strain gages, 10995

Strainers:

cloth, for honey conditioning systems, 9835
fits inside flared-tube fittings, 4881

Strains and stresses:

aftershock mechanism and inelastic properties of earth's crust, USSR study, 10802
bellows joint absorbs torsional deflections in duct system, 13767
bellows seal fatigue failures, reducing by fluid damping, 11041
blast effects on space vehicle structures, 4897
buckling—
and postbuckling tests of ring-stiffened circular cylinders loaded by uniform external pressure, 1274
axially compressed cylinders, influence of imperfections and edge restraint, 9406
coefficients for sandwich cylinders of finite length under uniform external lateral pressure, 2059
cylindrical shells—
end closures by internal pressure, 13718
load under axial compression, influence of boundary conditions, 15061
sandwich construction, effect of face-sheet stiffness, 11074
eccentrically stiffened—
cylinders, experimental and theoretical results, 16694
orthotropic cylinders under pure bending, 7869
imperfect cylinders under axial compression, 15051
spherical shells, complete, 15057
Carlson stress meter, supplementary tests, 14576
ceramics as structural materials, 17883
concepts of multiple-impact study of energy absorption, errata, 1179
crack extension and propagation under plane stress, 9641
critical leading-edge thermal stress, pre-tensioning concept for relief, 12367
cryostat modified to aid rotating beam fatigue test, 7760
cylinders, filament wound, elastic moduli determination, experiments, 1273
derivation of fiber stress values for wood poles, 4464
dispersion-strengthened alloys after failure in stress rupture, 13831
dual formulation of thin shell theory, 15067
effect of thermal cycling on tensile and compressive strength of reinforced plastic laminates, 2074
elastic stresses at mismatched circumferential joint in pressurized cylinder including thickness changes and meridional load coupling, 16677
fastener distributes stress evenly from sandwich-panel hung items, 1233
fatigue—
behavior of Ti-8Al-1Mo-1V sheet, 1190
crack propagation and residual static strength of PH 15-7 Mo (TH 1050) stainless steel, 2433
cracks detected and measured without test interruption, 9483
machine, flexural, for high-temperature operation, 1368
tester, with true axial motion, 7809

Strains and stresses—Continued

filament-wound cylinders loaded in axial compression, determining strength, 13829
hole-drilling strain-gage method of measuring residual stresses, 1372
initiation of failure mechanisms in glass-resin composites, 15039
local plastic stresses in sheet aluminum-alloy specimens with stress-concentration factor of 2 under constant-amplitude loading, 4914
maneuver load fatigue test results, programming techniques and load factors influence, 4913
metal, new brazing alloy eliminates cracking, 2401
metallic materials and elements for flight vehicle structures, change, 615
micromechanics of composite materials, stresses and failure mechanisms induced by inclusions, 15073
mismatch in circumferential joint in cylindrical pressure vessel, comparison of experimental and theoretical stresses, 16676
nickel-beryllium alloy, tensile properties at cryogenic temperatures, effect of cold reduction, etc., 4942
periodic forces acting on hull of ship during operation of shrouded propeller, USSR study, 1012
photoelastic study of internally stressed circular opening in biaxial stress field, 16571
plane strain analysis, extension, 17878
polymer deformation gauge measures thickness change in tensile tests, 7801
presplitting rock in presence of static stress field, 16586
reliability stress and failure rate data for electronic equipment, military standardization handbook, 10394
René 41, fatigue under constant-and random-amplitude loading at room and elevated temperatures, 1256
residual stresses in steel weldments, 18091
rock disk subjected to peripheral thermal shock, analysis, 15024
salt stress corrosion of residually stressed Ti-8Al-1Mo-1V sheet, 7837
semi-atomic model for flaw-induced fracture in non-ductile materials, 9439
sonic fatigue characteristics of randomly excited aluminum viscoelastic panels at ambient temperatures, 9400
spherical shell with non-axisymmetric boundary, analysis, 16595
stainless steel, special 301-type, for improved low-temperature notch toughness of cryoformed pressure vessels, evaluation, 11067
state of stress near curvilinear holes in shells, 9547
steel—
exhaustion of ductility under notch constraint following uniform prestraining, 14009
fatigue cracked, conditions of failure, 6541
strain measurements conducted on full scale Echo II passive communications satellite balloon, 7817
strength and fatigue of steel, USSR studies, 928
stress concentration—
curvilinear holes in physically non-linear elastic plates, 4999
plate of unlimited dimensions with angular notches, reduction, 4995
stress distribution in orthotropic half-plane, subjected to concentrated load, 10594
stress functions, finding with aid of bi-harmonic potentials, formulation of problems, 5000

- Strains and stresses—Continued
 stress-intensity factors—
 boundary collocation for single-edge-notch specimens subject to splitting forces, 4982
 three-point bend specimens by boundary collocation, 2410
 stress-rupture properties of tungsten wire, 12349
 stressed state near curvilinear orifices in shells, 9548
 tapered wood beams, 4462
 tensile behavior of tungsten crystals with rhenium in dilute solid solution, 4937
 tensile-strength—
 apparatus applies high strain-rate loading with minimum shock, 6389
 splices, nonmetallic waterstops, 4342
 tension shell shapes at Mach 3.0, aerodynamic characteristics, 16690
 tension test method for structural-size lumber, 4465
 theoretical elastic mismatch stresses, 4975
 thermal—
 aluminum 2219 alloy, relief treatments, 17908
 buckling characteristics of leading edges, 4972
 distortions of thin-walled paraboloidal shells, 15161
 panels, flutter at Mach 3, and comparison with theory for panels with edge rotational restraint, 13817
 three-dimensional yield criterion of C-O material, 8240
 transducer loading effects on ultrasonic transit time measurements, evaluating method, 1366
 truss-core sandwich cylinder loaded to failure in bending, test, 4916
 tungsten, electron bombardment heating, effects on tensile properties, 1371
 wet fatigue, Ti-7Al-2Cb-1Ta and Ti-6Al-4V fractures developed in, fractographic analysis, 12423
 Stransky, John J., pine seedling survival under simulated drought, 16333
 Strassmann, Fritz, Enrico Fermi award, 1966 (remarks), 15545
 Strategic Air Command:
 manned bombers, reduce number and types—
 hearing, 8653
 subcommittee report, 8657
 Strategic materials:
 defense materials system, review, hearing, 453
 disposal of acid grade fluorspar from national stockpile—
 law, 10067
 reports, 8581, 8750
 disposal of aluminum from national stockpile—
 law, 11569
 reports, 10148, 11757
 disposal of amosite asbestos from national stockpile and supplemental stockpiles—
 law, 10073
 reports, 8588, 8756
 disposal of bauxite from national stockpile—
 law, 8470
 reports, 7185, 8578
 disposal of bismuth from national and supplemental stockpiles—
 law, 10068
 reports, 8582, 8751
 disposal of celestite from supplemental stockpile—
 law, 11570
 reports, 10149, 11753
 disposal of cordage fiber (sisal) from national stockpile—
 law, 11571
 reports, 10150, 11755
 Strategic materials—Continued
 disposal of crocidolite asbestos (harsh) from supplemental stockpile—
 law, 11572
 reports, 10151, 11756
 disposal of graphite, quartz crystals, and lump steatite tale from national stockpile or supplemental stockpile or both, law, 412
 disposal of metallurgical grade chromite from national and supplemental stockpile—
 law, 10066
 reports, 8580, 8749
 disposal of metallurgical grade manganese ore from national and supplemental stockpiles—
 law, 15722
 reports, 10152, 16089
 disposal of molybdenum from national stockpile—
 law, 10064
 reports, 8583, 11736
 disposal of muscovite mica from national and supplemental stockpiles—
 law, 10070
 reports, 8585, 8753
 disposal of nickel from national stockpile, law, 425
 disposal of opium from national stockpile—
 law, 11573
 reports, 10153, 11754
 disposal of phlogopite mica from national and supplemental stockpiles—
 law, 10069
 reports, 8584, 8752
 disposal of platinum from national stockpile—
 law, 8466
 reports, 7186, 8579
 disposal of rhodium from national stockpile—
 law, 10071
 reports, 8586, 8754
 disposal of ruthenium from supplemental stockpile—
 law, 10074
 reports, 8589, 8757
 disposal of thorium from supplemental stockpile—
 law, 10072
 reports, 8587, 8755
 disposal of vanadium from national stockpile—
 law, 10075
 reports, 8590, 8758
 disposal of various stockpile commodities, hearings, 7120, 10325, 11643
 exchange of fluorspar and ferromanganese from national and supplemental stockpiles—
 law, 17097
 report, 17466
 Federal stockpile inventories, report, 2640
 national stockpile disposal bills, hearing, 570
 release of zinc from either national or supplemental stockpile, or both, law, 424
 stockpile reports, 1983-84, 10433, 17365
 Stratification:
 flow, Taylor instability, 16596
 germination of eastern white pine seed, 798
 primitive area, Wyo., mineral resources, 12016
 Stratigraphy:
 changes in stratigraphic nomenclature by Geological Survey, 4514, 17716
 contributions to stratigraphy (series), 2090, 4514, 9014-15, 10634, 12014, 13402, 17716
 Cook Inlet region, Alaska, 12020
 Death Valley, Calif., 7484
 Dinky Creek roof pendant, in central Sierra Nevada, Calif., 10645

- Stratigraphy—Continued
 Juana Lopez member, Mancos shale, in San Juan Basin, N. Mex., 9014
 Madison group near Livingston, Mont., karst and solution-breccia features, discussion, 4522
 New London area, Conn., stratigraphic names, 12014
 Pliocene marine strata, Salinas Valley, 820
 rocks adjacent to Cretaceous-Tertiary boundary, western San Juan Basin, N. Mex., 12024
 structure, geography, physiography, etc. of Prescott and Paulden quadrangles, Ariz., 818
 tertiary biostratigraphy of Cook Inlet region, Alaska (series), 12020
 Yakima basalt and Ellensburg formation of south-central Washington, 13402
- Stratosphere:
 processes based on rocket sounding data, 2444
 radioactive aerosols dispersion, USSR study, 7599
 seasonal reconstruction of wind field, 2443
 temperature field and circulation changes, influence of tropospheric processes, 4994
 upper temperature, pressure, density, and wind measurements, 13848
- Straub, H. W., instrumented telemetering deep sea buoys, 315
- Strawberries:
 appearance and decay after treatment with ozone, 16928
 California, air transport, factors affecting market quality, 1965 summer shipment, 12609
 diseases, 15443
- Streak camera method for measuring dynamic equation of state properties of rock 9386
- Streamlines in continuous flow, 2448
 Streamlines in steady flow, 12374
- Streams, *see* Rivers.
- Streets, work injuries and rates in street and highway department industry, 2295
see also Roads and highways.
- Strength of materials:
 aluminum/steel wire composite plates, 12304
 mechanical coke and iron ore pellets, 13696
see also names of materials and articles.
- Strengthening free enterprise, 1965 annual report, Small Business Administration, 15325
- Streptococcal infections, selected references, 18070
- Stress (psychological), *see* Tension.
- Stresses (mechanical), *see* Strains and stresses.
- Stretchers, buoyant Stokes litter assembly for sea rescue operations, 4856
- Strickler, Gerald S., flora of Starkey Experimental Forest and Range, 10554
- Strickler, Paul E., uses of agricultural machinery in 1964, custom and exchange work, machine rental, 11368
- Strikes and lockouts:
 airline dispute, providing for settlement, hearings, 13225, 14411
 airline strike impact on defense posture, hearing, 14411
 airline strike, July-Aug. 1966, magnitude and significance for economic regulatory purposes (remarks), 15617
 work stoppages—
 analysis, 2297
 monthly, 3713
- Striner, Herbert E., training in perspective of technological change, 4699
- Stringocephalus in Devonian of Indiana, 11224
- Strip-mined lands, *see* Reclamation of land.
- Strip mines, *see* Coal mines and mining.
- Strips (metal, etc.):
 coiled sheet metal strip opens into tubular configuration, 4846
- Stroboscope, multicolor, pinpoints resonances in vibrating components, 11017
 Stroboscopic method, *see* Equations.
- Strohecker, Daniel E., electromagnetic hammer, 2374
- Strokes:
 cerebrovascular disorders, summary of progress, 5034, 18073
 community health planning grants, 14757
- Strong, Ann L., open space for urban America, 5204
- Strong, J. P., III, comparison of phase-coherent and non-phase-coherent communications, 7814
- Strong souls and ready valor (remarks), 10901
- Strontium carbonates, anhydrous, heats of formation and free energies, 13698
- Strontium isotopes:
 Sr-90 in—
 Canadian wheat from 1963 crop year, 2541
 wheats and their milled products, effect of variety on accumulation, 2525
- Stroud, Raymond B., mineral industry of Arkansas, 1115
- Stroudsburg, Pa.:
 flood control, engineer report—
 departmental edition, 671
 document edition, 537
- Struble, G. R., California 5-spined ips, 14696
- Structural concepts for hydrogen-fueled hypersonic airplanes, 6414
- Structural designs, *see* Architecture—Designs (industrial).
- Structural engineering, *see* Building.
- Structural materials, *see* Materials.
- Structural steel, *see* Steel.
- Structural systems and program decisions, Apollo program, 12284, 15087-88
- Structural unemployment, *see* Unemployed.
- Structure and conduct of commercial cattle feeding industry, 17947
- Structures, *see* Buildings—Strains and stresses.
- Strumella canker of oaks, 16322
- Strunk, Hazel L. S., relief, 11709, 17082
- Stubbs, Sandy M., landing characteristics of Apollo spacecraft, 4901
- Student loan program, *see* Students.
- Student reference, Department of Labor safety training programs, SR LS series, 9201, 10850
- Student reference sheet SR series, 2052-53
- Students:
 college—
 engineering opportunities in Public Roads Bureau highway engineering training program, 5129
 Federal career directory, 8400
 residence and migration, fall, 1963, State and regional data, 8851
 consumer education, FDA materials, 4431
 employment under Fair labor standards act, 14073
 full time, ages 18 to 21, amend railroad retirement act to provide survivor benefits—
 hearings, 10361, 11666
 reports, 15947, 17532
 gleaming promise of guaranteed loans (address), 8841
 high school—
 around the corner, preparation to meet tomorrow's world problems, 14030
 national ability counts contest, 1967, announcement, 7650
 higher education act of 1965—
 guaranteed loans—
 promises and challenge, 7311
 State and private nonprofit agency programs, 17622
 law, 430
 outlined by title, 645
 questions and answers, 7312
 section by section analysis, 646

Students—Continued

is it smart for you to quit school? 9893
loan programs for medical, osteopathic,
dental, etc., and nursing students—
hearings, 10249, 17591
reports, 10225, 15841, 17535
loans, increase credit life, health, or acci-
dent amounts allowable in D.C.—
law, 17108
report, 15852
loans, national defense education act, col-
lege-work-study program and list of par-
ticipating institutions, 7316
National Institute of Mental Health stu-
dent research stipend program in social
work, survey, 15290
nursing careers, Walter Reed Army Insti-
tute of Nursing, educational opportuni-
ties, 3844
pilot guide, general information, 7445
role in science societies in USSR, 16394
Russian, in South America, 9140
Russian language, in classes 5-8, use of
folklore in anti-religious education,
7581
scope of pupil personnel services, 16240
services administration in higher educa-
tion, 10431
social security benefits up to age 22, ex-
planation, 2570
student manual, SM series, 8386, 11493,
12745, 15625, 17030-31
students as individuals, new look in guid-
ance (address), 7323
students as investment (address), 7324
talented, provisions for, bibliography, 5883
thinking about your first job? remember
Uncle Sam, 17044
training and development, psychological
aspects, USSR, 17755
undergraduate curriculum patterns, bac-
calaureate programs, 4320
USSR, teaching methods used to form
firm atheistic convictions, 12114
visiting, information on U.S.A., 5202
vocational, insured and direct loans guar-
anteed, promise and challenge, 7311
Studies (North Vietnam periodical):
translation, 932, 2176, 4616, 6230, 9097,
9156, 10748, 12090, 12101, 12148,
12194, 14884
Study, *see* Curriculum.
Stumpage, *see* Timber.
Sturm, Ralph H., soil survey report, Foun-
tain County, Ind., 18105
Stuve, John M.:
heat of formation of—
neodymium trichloride, 1167
scandium trichloride, 1168
Styrene, plastic drain, waste, and vent pipe
and fittings, standard of trade, 1290
Styrofoam, vacuum plate clamps for machin-
ing, 12323
Suarez, Pablo A., relief, 17427
Suarez Tejon, Virginia, *see* Tejon, Virginia
S.
Subalpine fir, *see* Fir.
Subarctic regions:
construction—
calculation of depths of freeze and thaw
in soils, Army technical manual, 5374
general provision, 9008
emergency construction, technical manu-
al—
general provisions, 14227
site selection and development, 14228
survival situations, ameliorative measures
in fasting, 5313
Subcontractors, *see* Government contracts.
Subcontracts, *see* Government contracts.
Subject filing, managing current files, rec-
ords management, handbook, 13854
Subject headings:
agricultural/biological subject category
list, 7905

Subject headings—Continued

COSATI subject category list, DoD-modi-
fied, 1963
descriptors thesaurus, 14524
Federal Aviation Agency descriptors the-
saurus, 4363
Library of Congress, 3546, 17825
medical, 3050
compiled, 12394
Sublimation, modular porous plate sublima-
tor requires only water supply for cool-
ant, 16632
Submarine boats:
advanced submarine sonar technology,
Navy trainee's guide, 1340
atmospheric problems, 6283
environmental physiology, 6282
fracture toughness characteristics of ti-
tanium alloys, 1362
loan, extension, agreement with Canada,
15354
non-acoustic methods of detection, 2254
nuclear powered, general information,
5422
Thresher, civilians who lost their lives,
furnish memorial headstones or mark-
ers, report, 12970
topside coatings for application in cold
damp weather, 1384
Submarine cables, undersea communications
system, foreign source components and
barter bids, review of policies, etc., De-
fense Dept., Agriculture Dept., Treasury
Dept., GAO report, 4506
Submarine crews, advanced sonar technology,
trainee's guide, 2486
Submarine Medical Center, *see* Naval Sub-
marine Medical Center.
Submarine research, *see* Oceanography.
Submariners:
aerotitis media in submarine recruits,
14992
personnel in nuclear-powered submarines,
ionizing radiation effects on eyes, 14991
Submicron hole in thin films increase sam-
pling range of mass spectrometers, 15110
Submicron metal powders produced by ball
milling with grinding aids, 11015
Subminiaturized gas chromatograph gives
fast efficient analysis, 10993
Subsidies, *see* names of commodities, in-
dustries, etc.
Subsistence, Federal item identification
guides for supply cataloging, supplements,
2937
Subsistence allowances, *see* Pay, allowances,
etc.
Subsistence stores:
inspection and storage, Army technical
manual, 1656
supplies authorized for sale in commissary
stores, Army regulation, 115
Subsonic airplanes, *see* Airplanes.
Substituted silane-diol polymers have im-
proved thermal stability, 12301
Substrates:
body-centered-cubic substrates surface
structure, dependence of adsorption
properties, 2426
porous glass makes effective substrate for
ozone-sensing reagent, 2383
single-crystal semiconductor films grown
on foreign substrates, 11019
Subsurface drainage facilities, emergency
construction, 16963
Subsurface effects measurements, Project
Pre-Schooner, 14237
Subtraction, binary, simple circuit performs,
1230
Subtropics, parotoid fluid flow rate, seasonal
variations, 6813
Suburbanites, publications, list, 843
Suburbs, beautification efforts of Federal
Government, report, 2517
Subversive activities, *see* Un-American ac-
tivities.

- Subversive Activities Control Board:
annual report, 5181
appropriations, 1967—
hearings, 15955
reports, 15938, 17539
reports, 6666-67, 11285, 16874
- Sudan:
agricultural commodities, agreement, 11276
background notes, 12519
foreign trade regulations, 17057
mineral industry, minerals yearbook chapter, 6304
- Sudbury River and Valley:
engineer report—
departmental edition, 672
document edition, 538
- Sudebnaya khimiya, preface and table of contents, 7597
- Suez Canal:
vessel tonnage measurement, customs regulations, 14513
revised pages, 13242
- Suffolk County, N.Y., postulated liquid-waste releases, Brookhaven National Laboratory, 13394
- Sugar:
act of 1948, amend and extend—
comparison between House bill and Senate amdt., 1939
data relating to amdts., 1938
law, 432
report, 551
act of 1948, text, as amended, 6739
and confectionery products, census of manufactures, industry report, 3884
determinations of wage rates, prices, acreage credit, etc., 3547
foreign agriculture circular, 2987
international agreement of 1958, protocol for prolongation, 5156
kinetic behavior in solution, progress report of Organic Chemistry Section, July 1965-June 1966, 17944
requirements and quotas, 3548
sugar reports, monthly, 3549
sugars in solution, progress report of Organic Chemistry Section, July 1964-June 1965, 1299
U.S. program, including sugar act 1962 amendments, 6733
ultrasonic method of analyzing crystal-containing mass, USSR report, 10795
- Sugar beets:
insects, how to control them, 9817
research on utilization, 1949-65, Western Utilization Research and Development Division, bibliography, 8131
- Sugar maple, *see* Maple.
- Sugarcane:
mosaic virus, strains, 8170
parasitic plant attacks sugarcane, 58
- Sugars, *see* Sugar.
- Sugg, Matilda R., forecasting of manpower requirements, 2294
- Suits, women's and misses', industry wage survey, 13619
- Sulfates:
expansion, interrelations between cement and concrete properties, 13855
high temperature properties and decomposition, 17940
see also Lead sulfate—Manganese sulfate—*also* sulfates by name.
- Sulfides, alkyl cycloalkyl and dicycloalkyl, synthesis, 12252
see also sulfides by name, e.g. Sulfur sulfide.
- Sulfite pulp, *see* Wood pulp.
- Sulfur:
compounds in petroleum, identification, 12257
forms in coals, 15010
native and recovered, mineral industry survey, monthly, 3550
organic compounds, mass spectra, 4788
- Sulfur—Continued
production, etc., 1965, preliminary, 4803
reduction in Appalachian coals by stage crushing, survey, 6288
titrimetric microdetermination in organic phosphorus and arsenic compounds using nitrochromazo, USSR study, 13539
- Sulfur sulfate, determination in rocks and minerals, 12012
- Sulfur sulfide, determination in rocks and minerals, 12012
- Sulfuric acid, extraction of alumina by leaching melted and quenched anorthosite, 9369
- Sulky project, *see* Project Sulky (plowshare program).
- Sullivan, Daniel F., conceptual problems in developing index of health, 9631
- Sullivan, J. O., absorption cross sections for wavelengths less than 3000Å, 4826
- Sullivans Island:
hurricane survey, engineer report—
departmental edition, 8859
document edition, 8501
- Sulphates, *see* Manganese sulfate.
- Sumatra, sailing directions, changes, 7957
- Sumby, William H.:
effect of context on recall and recognition of long verbal series, 16349
immediate retrieval of verbal series as function of stimulus grouping, 3785
incremental or one-trial learning of verbal series, 83
- Summer employment opportunities in Federal Government, 17048
- Summer flounders, *see* Flounders.
- Summer jobs in '66, office and science assistant positions, 311
- Summer seminars, overseas projects in education, 16243
- Summer vacation jobs in Federal agencies, 1761
- Summer volunteer service in war on poverty, 10406
- Summers, Robert L., effects of rubidium vapor on ionization gages, 15179
- Summer, Irving E., stability boundaries for planar and nonplanar sloshing in spherical tanks, 4954
- Sun:
early history, 14017
ephemeris, 1098, 17819
F-corona analysis according to Mie theory, 9437
heliotechnology (USSR periodical) translations, 2201, 2244, 6161, 9113, 9173, 10725, 10743
ionospheric parameters derived from Echo II radar returns during solar minimum conditions, 12442
lunar effects on motion of close earth satellites, analysis, 13845
observations made with 6-inch transit circle, 6518
solar—
activity, 1003
cycle effects on inner zone protons, 6413
probe mission, combined high-low thrust propulsion, 2429
space, propagation of radio waves, USSR study, 13461
see also headings beginning Solar.
- Sundahl, William E., crown and tree weights, of madrone, black oak, and tanoak, 17688
- Sunday Telegraph (periodical):
interview with Valeriy Tarsis, USSR comments, 10613
- Sung, Jai Yul, *see* Barker, David G.
- Sunset Crater National Monument, general information, 11131
- Super Market Institute, figure exchange reports, 16730
- Superalloys, *see* Alloys.

- Superconductivity :
 - enhancement of current-carrying capacity in niobium through hydrogen treatment, 16693
 - materials and some of their properties, 17945
 - metals, USSR studies, 7588
 - techniques for broadband traveling-wave masers, 7723
- Superconductors :
 - current distribution in—
 - array of superconducting thin films, 6456
 - thin film strip transmission line, 7863
 - electrodynamics of superconducting parallel path circuit, 16770
 - generator with superconducting magnetic field for use in 1-megawatt space power systems, 7864
 - magnetic torque of ideal superconducting toroids, 16771
 - niobium thin films are superconductive in strong magnetic fields at low temperatures, 7778
 - Soviet research, 13487
 - superconducting magnetic bottle for plasma physics experiments, 15186
- Supercritical pressure, *see* Pressure.
- Supergrade positions, *see* Civil service.
- Superheaters :
 - BONUS boiling nuclear superheater power station—
 - project completion report, 15537
 - startup summary report, 5383
 - abstract, 8278
- Superior, Lake :
 - birds of Isle Royale, 14676
 - currents at Little Lake Harbor, 9339
 - fish distribution in U.S. streams tributary to, 780
 - small craft, gale and whole gale warning facilities chart, 15424
 - western region, tectonics of Keweenaw Basin, 9020
- Supernovae, *see* Stars.
- Supraphosphates, *see* Phosphates.
- Supersonic aerodynamics, *see* Aerodynamics.
- Supersonic aircraft, *see* Aircraft.
- Supersonic airplanes, *see* Airplanes.
- Supersonic flow, *see* Flow.
- Supersonic flutter of simply supported isotropic sandwich panels, 7818
- Supervision, *see* Supervisors.
- Supervisors :
 - challenge to supervisors, making young workers safe workers, 16519
 - development program, basic course—
 - grievances, 6828
 - position and pay management, 11394
 - within-grade increases and employee productivity, 6829
 - employee training, responsibility for work improvement, 5147
 - police traffic supervision, highway safety action program, brief outline, 11205
 - Post Office Department supervision over city delivery carriers, GAO report, 6017
 - school library supervision in large cities, 7319
 - supervising young workers, common sense, pointers on getting them off to a good start, 18135
 - training + visits, program, guide in employment of the handicapped, 10851
 - work supervisor's handbook, Neighborhood Youth Corps, 1083
- Supplementary Medical Insurance Trust Fund, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.
- Supplies, *see* Agricultural supplies—Dental supplies—Government supplies—Medical supplies—Military supplies—Subsistence stores—Surgical supplies.
- Supply and demand :
 - demand and price situation, 2847
 - forest products, 57
 - Ghana, farm product projections to 1975 with implications for U.S. exports, 7294
 - Jamaica, Trinidad and Tobago, Leeward Islands, Windward Islands, Barbados, agricultural products projected levels to 1975, summary and evaluation, 11865
 - world newsprint, outlook through 1968, report, 17256
- Supply and Maintenance Command :
 - project listing, 14221
 - SMC pamphlets, 3830, 8261, 12659, 14221
- Supply catalog, *see* Federal supply catalog—Military supplies.
- Supply cataloging, *see* Federal supply catalog.
- Supply Corps, Navy, *see* Navy Supply Corps.
- Supply facilities, Navy design manual, changes, 1569
- Supply management :
 - USA civilian career program, 8806
 - interservice action needed when management policies and practices differ for similar supply items, Defense Dept., GAO report, 14726
 - supply operations, guide for developing engineered standards, SMC pamphlet, 12659
- Supply management at Eastern Test Range, consolidation under Department of Air Force :
 - hearings, 4123
 - report, 5685
- Support for science, Antarctica, 2503
- Supports :
 - flexible, floating ring dampers and hypercritical shafts, behavior and dynamics, 136
 - lateral stability of deep beams with shear-beam support, 5991
- Suppressors (electric) :
 - plate eliminates undesired arcing during electron beam welding, 13792
- Suppressors (noise), *see* Noise suppressors.
- Supreme Court :
 - cases adjudged—
 - Court of Claims cases, 599–600, 1958–59, 4239–40, 5840, 7249
 - official reports, 3290
 - United States reports, 1509, 2599, 8095
 - journal, 3566
 - members, 5183
 - rules of civil procedure for district courts, adopted, 7061
 - rules of criminal procedure for District Courts, 5615
 - uniform civil appellate rules for courts of appeals, power to prescribe, reports, 14455, 17247
- Supreme Court on Drugs, appoint, proposal, report, 8759
- Sureties, *see* Guaranties and sureties.
- Surface active agents :
 - chemical displacement of organic liquids from solid surfaces, 12433
 - seawater samples from Bay of Panama, adsorption of material at surface of water, 6544
 - surfactant for dye-penetrant inspection is insensitive to liquid oxygen, 9461
- Surface chemical methods of displacing water and/or oils and salvaging flooded equipment, etc., 6548
- Surface chemistry of fluorochromes, 5073
- Surface Effect Ships for Ocean Commerce Advisory Committee, Commerce Dept., ocean commerce, surface effect ships, report on study of technological problems, 5561
- Surface finishing techniques, *see* Surfacing materials.
- Surface-fitting program for areally-distributed data from earth sciences and remote sensing, 1182
- Surface microgeometry, 1990

Surface motion measurements, *see* Surfaces.
 Surface surveillance photography, 7976
 Surface tension, *see* Surface active agents.
 Surface water, *see* Water.

Surfaces:

aluminized fiber glass insulation conforms to curved surfaces, 4861
 characteristics of wood as they affect durability of finishes, 10595
 electron beam seals outer surfaces of porous bodies, 6363
 flat, perpendicular, highly underexpanded exhaust plumes impinging upon surface, investigation, 6443
 irregular horizontal, alignment tool facilitates pin placement on, 16633
 lunar surface, panoramic views, 16710
 metallic and coated, thermal radiation absorbance and vacuum outgassing, 4968
 roughness—
 drag at supersonic speeds, 16669
 effects on boundary-layer transition for blunt-leading-edge plates, 15149
 fabrication-type, pressure drags on ogive cylinder, 15151
 improves stability of air-sounding balloons, 2377
 pressure and heat transfer tests, 15049
 seal surfaces protected during assembly, 12808
 solid
 displacing of organic liquids from, solution systems, 16768
 surface-chemical displacement of bulk water, 16756
 surface motion measurements, Nevada test site, Project Dugout, 16972

Surfacing materials:

Army pioneer-type runways, portable surfacing, laboratory and engineering field tests, 4340
 rock-blast-resistant, rocket engine blast tests, 10440
see also Coating materials.

Surfactants, *see* Surface active agents.

Surgeon General, Army, *see* Army Medical Service.

Surgeon General, Public Health Service, *see* Public Health Service.

Surgeons:

Navy flight surgeon, who, what, why, where, when, 4751
 USSR—
 all-Union regular convention, proceedings, 6150
 biographies, 10738
 congress, 6185

Surgery:

experimental, problems, USSR study, 14825
 heart, new methods, USSR studies, 919
 proportion of surgical bill paid by insurance, 15306
 reanimation, USSR study, 4657
 veterinary operations, standard nomenclature, 11114

Surgical instruments and apparatus, census of manufactures, 1963, industry report, 11453

Surgical supplies:

administrative aspects of hospital central surgical supply services, 15282
 hospital central services, 1424

Surinam, mineral industry, minerals year-book chapter, 6306

Surplus agricultural products, *see* Agricultural products.

Surplus Government property, *see* Surplus property.

Surplus military property, *see* Surplus property.

Surplus property:

defense disposal manual, changes, 611, 5848
 disposal abroad, hearings, 14483
 disposal of surplus real property for public use, for private use, 9005
 disposal to State agencies for education, etc., hearing, 14482
 donable, program, hearings, 4221
 donable program, evaluation—
 hearings, 15972
 report, 17346
 State agencies, directors, directory, 12036
 use of excess property by U.S. foreign aid program in Latin America, report, 8628
 utilization for education, public health, and civil defense—
 hearings, 15972
 reports, 17346
see also Personal property.

Surplus Property Utilization Division, HEW, regional representatives, directory, 12036
 Surrey, Stanley S.:
 remarks—

Dec. 2, 1965, 1524
 Mar. 23, 1966, 8099
 June 9, 1966, 11294
 Aug. 6, 1966, 15392
 Oct. 5, 1966, 16876

Surveillance (military):

surface surveillance photography, 7976
 Survey of current business (periodical), 3567
 Surveying:

accuracy of geodetic measurements in geological survey operations, pro and con, USSR study, 14907
 aid, examination announcement, 14301
 control surveys, 10646
 gravimetric, USSR study, 10801
 publications, price list, 13953
 seasonal employment, information, 6274
 topographic—

control surveys, leveling, standards and planning, instructions for field operations and office computations in 2d and 3d order leveling, 10646
 interpretation, USSR, 10836
see also Triangulation.

Surveying instruments, mine-surveying, Soviet facilities and equipment developed at Soviet Institute, 16485
see also Levels.

Surveyor Project, *see* Project Surveyor (unmanned lunar exploration).

Surveyors, employment outlook, 9281

Surveyors levels, *see* Levels.

Surveys, *see* Community surveys—also subjects of surveys.

Survival:

company, 1st steps, industrial civil defense workbooks, 17025
 hardwoods planted in saturated soils, 16335
 logistics, NREC programs for gaming, 1982
 national census, survival rates by color and sex, 1950-60, errata, 1736
 personal and family, civil defense adult education course student manual, 12745
 subarctic situations, ameliorative measures in fasting, 5313

Survivors, *see* Civil service pensions.

Survivors benefits, social security, rights and responsibilities of recipients, 2568

Survivors insurance, social security ruling, 3519, 6613

see also Old age, survivors, and disability insurance.

Suspended animation, space flights, problems, USSR study, 4686

Susquehanna River and Valley, basin project for water supply and water quality management, 16291

Sutherland, G. Bonar, precipitin response to human serum by rabbit population, comparison of stresses, etc., 8218

INDEX 1966

- Sutter National Wildlife Refuge, general information, 764
- Suttons, John T., effect of nose-mounted control-system jets in roll-control positions on aerodynamics of space vehicle, 6448
- Svehla, Roger A., thermodynamic and transport properties for $N_2O_4 = 2NO_2 = 2NO + O_2$ system, 7851
- Svitlychnyy, I., Ukrainian writer, arrest, interpretation by Ukrainian emigre organization Prologue, 12110
- SW-series, 7999
- Swados, Harvey, on the line, 6252
- Swaging tools, low power heating element provides thermal control during swaging operations, 11003
- Swahili:
Foreign Service Institute, basic course, active introduction—
general conversation, 18122
geography, 18123
- Swallowing, *see* Deglutition.
- Swamplands:
acquisition for migratory waterfowl, extend act, hearings, 13053
coastal wetlands of Hempstead-South Oyster Bay, L.I., preserve for fishing, etc., hearings, 14432
- Swan, A. H., friction factor and heat transfer correlation for irradiated organic coolants, 9920
- Swan Lake National Wildlife Refuge, birds, list, 14667
- Swanquarter National Wildlife Refuge, birds, list, 16303
- Swanson, Bruce L., statistics of farmer co-operatives, 14594
- Swanson, Howard E., standard X-ray diffraction powder patterns, 15206
- Swartout, John A., remarks, Nov. 15, 1965, 167
- Swaziland, *see* South Africa.
- Swearengen, John J.:
determination of centers of gravity of children, sitting and standing, 8307
head and face injury potential of airline seats, etc., 14243
- Sweden:
automotive service and repair equipment, foreign market survey, 175
background notes, 11245
business machines, market data, 10023
community mental health services, 5025
economy, basic data, 12772
educational data, 656
former Communist Party chairman publishes book, 14903
Indonesia's political history and Oct. 1, coup, Swedish leftist view, 14902
labor conditions, 13646
manpower policy and programs, 16515
market for corrosion protection methods and materials, 176
mineral industry, minerals yearbook chapter, 9365
research in Soviet legal terminology, 14901
- Sweep generators, logarithmic sweep for use in display of long pulses, 12434
- Sweet corn, *see* Corn.
- Sweet gum, new variety, general information, 10588
- Sweeteners, market, trends and prospects, 4283
- Sweetgum, *see* Sweet gum.
- Sweetpotatoes:
acreage—
marketing guides, 5827
yield, etc., by States and seasonal groups, 14037
- Sweetwater County, Wyo., improvements on lands, reimburse Wyoming, report, 17515
- Swift, L. M., feasibility of cavity pressure and temperature measurements for decoupled nuclear explosion, 3852
- Swift, Lloyd B., Turkish, basic course, 12539
- Swigert, Paul, computer generation of quadrature coefficients utilizing symbolic manipulation language FORMAC, 13812
- Swindles, *see* Fraud.
- Swine:
farrow-to-finish unit, 16932
feeder pigs, official U.S. Standards for grades, 7246
feeding floor for 200 pigs, 11361
garbage-feeding, national status on control, 3240
hog slaughtering—
and dressing systems, 15448
labor cost, 16723
pig crop reports, 1508, 5178, 8090, 15382, 16872
portable hog feeder from red oak lumber, 10591
production—
methods, problems, etc., 8145
use chemicals safely, 9831
raising a few hogs, 9821, 16927
trichinosis, how it affects your hogs, etc., 6750
validated brucellosis-free herds, list, 11337
- Swinow, George K.:
ice cover of Arctic proglacial lake, 9887
permacrete, 3818
- Switchboard, *see* Electric switchgear.
- Switchboard operators, *see* Telephone operators.
- Switchboards, apparatus, current industrial reports, 5484
- Switches, *see* Electric switchgear—Pressure switches.
- Switzerland:
economy, basic data, 12777
European Nuclear Research Center, activities, 4602
labor conditions, 12223
mineral industry, minerals yearbook chapter, 6307
patents, abstracts, translations, 3586
protocol for accession to GATT, 18124
- Swiveling lathe jaw concept for holding irregular pieces, 13756
- Sycamore, viable seed produced after 6 years, 16330
- Sycamore Canyon, primitive area, mineral resources, 14747
- Sykes, James E., Bureau of Commercial Fisheries symposium on red tide, 4425
- Sylvester, Rita D., list of Bureau of Mines publications and articles, 6292
- Sylvia, John R., relief, 10111, 14345, 16041
- Symbolism in art, Bartolomé Bermejo's Episcopal saint, study in Medieval Spanish symbolism, 9651
- Symbolism in medicine, books of Renaissance and Baroque, 12395
- Symbols:
Federal item identification guides for supply cataloging, 4253
nondestructive testing, military standard, cancellation notice, 7263
used in national union catalog, Library of Congress, 9348
- Symposiums:
AEC, accelerator radiation dosimetry and experience, proceedings, 12674
AEC series, 12672
Air Force/industry data management symposium, Sept. 28-30, 1965, proceedings, 3791
Bureau of Commercial Fisheries on red tide, 4425
child with central nervous system deficit, report, 5504
community mental health, individual adjustment or social planning, 16791
density, key to wood quality, proceedings, 7458

Symposiums—Continued

- employment act of 1946, 20th anniversary, hearing, 8485
- print additional copies, reports, 10213, 10292
- supplement, 14376
- environmental lead contamination, 8002
- ESSA, earthquake prediction, 14577
- extremum problems, 13528
- factors involved in host-agent relationships, 9780
- genes and chromosomes, structure and function, 5030
- genetics, USSR, 12115
- geomorphology and economic geography, geographical society of China, 16455
- hypothermia in treatment of terminal states, 4662
- international water quality, North American problems (remarks), 14753
- ion exchangers, synthesis, analysis, and utilization, Rumanian studies, 9166
- medical aspects of stress in military climate, 141
- NASA, technology status and trends, 6358
- naval hydrodynamics, ship motions, and drag reduction, 16753
- neutron dynamics and control, 12672
- nutritional requirements for survival in cold and at altitude, arctic medicine and biology, proceedings, 14185
- oncology, experimental, USSR resumé, 10768
- passive gravity-gradient stabilization, 16620
- pest control by chemical, biological, genetic, and physical means, 12580
- pulsed high intensity fission neutron sources, 5385
- radioactive, pharmaceuticals, proceedings, 12675
- research—
 - agriculture, 15480
 - methods and instrumentation, developments, 16810
 - scintillation and semiconductor counter, Mar. 2-4, 1966, abstracts, 5020
 - short-term frequency stability, proceedings of IEEE-NASA symposium on definition and measurement, etc., Nov. 23-24, 1964, 1196
 - slow, latent, and temperate virus infections, 13978
 - space sciences, NASA contributions, 13801
 - statistical association methods for mechanized documentation, 7913
 - timers for ordnance, proceedings, 17979
 - toxicology and hygiene of toxic chemicals used in agriculture, USSR study, 967
 - vestibular organs, role in exploration of space, 6353
 - viruses of laboratory rodents, 6486
 - wave diffraction, 2209
- Symptoms, *see* Diagnosis.
- Synchronization, phase-locked loop swept-frequency synchronization, 17897
- Synchronizers, PCM frame strategies, computer program to evaluate, 7858
- Synchronous satellites, *see* Satellites.
- Syncom, *see* Satellites.
- Synodontidae, *see* Lizardfishes.
- Synoptic meteorology, *see* Meteorology.
- Synthesis:
 - alkyl cycloalkyl and dicycloalkyl sulfides, 12252
 - and application of perceptrons, USSR, 14916
 - automatic, program, user's manual, 12265
 - high molecular compounds by radiation polymerization method, USSR study, 9069
 - in-flight synthesis, data requirements, 15055
 - nonlinear control laws, USSR study, 10796
 - radiation, halogen compounds, final report, 15529

Synthesis—Continued

- research materials on organic chemistry, progress report of Organic Chemistry Section, July 1965-June 1966, 17944
- Synthetic organic chemicals, *see* Organic compounds.
- Synthetic plastics components, 10377
- Synthetic rubber, *see* Rubber.
- Synthetic woven goods, *see* Textiles.
- Syracuse, N.Y., commodity transportation survey, production area series, 9953
- Syria:
 - Arab Republic, mineral industry, minerals yearbook chapters, 4778, 17848
 - Army area handbook, 5366
 - cotton industry, current situation and outlook, 13353
 - current political situation, Soviet view, 12119
 - economic outlook, translations, 12116
- Syrian Arab Republic, *see* Syria.
- Systems:
 - inertial experiment pointing and attitude control, 15202
 - system program management procedures, AFSC manual, 12624
 - system proportions fluid-flow in response to demand signals, 7767
 - systems approach to fire protection, 13389
 - see also* names or types of systems, e.g. Control systems.
- Systems engineers, fill your need through Professional Placement Network, 11887
- Systems reliability, *see* Reliability (mechanical).
- Systems Research and Development Service, report, 15384
- Szuch, John R., investigation of starting characteristics of M-1 rocket engine using analog computer, 2422

T

- T-handle wrench has torque-limiting action, 6391
- T.L.M.E. Freight, Inc., accident, 7541
- T.V.A., *see* Tennessee Valley Authority.
- TAB, *see* Technical abstract bulletin.
- Tables (compilation), *see* Technical, scientific, and economic subjects.
- Tables (mathematics), *see* Mathematics—Trigonometry.
- Tables of organization, *see* Army.
- Tabulbah, Tunisia, ground water, occurrence, chemical quality and use in area, 16362
- TAC, *see* Tactical Air Command.
- TACAN, *see* Air navigation.
- Tachistoscope:
 - aircraft recognition technique evaluated, 5069
 - perception, effects of induced muscle tension and auditory stimulation, 9594
- Tachometers, variable-capacitance, eliminates troublesome magnetic fields, 7782
- Tacoma, Wash.:
 - principal electric facilities, map, 7377
 - reduced defense spending, potential impact, 14207
- Taconic Mountains, Taconic sequence of New York, new Lower Cambrian trilobite faunule, 12506
- Taconite, pilot plant flotation of nonmagnetic taconite and semitaconite, 6313
- Tactical Air Command:
 - military airlift—
 - hearings, 10230
 - special subcommittee report, 10231
 - Tactical vehicles, *see* Vehicles.
 - Tactics, *see* Military art and science.
 - Tactual perception, experiments, 1183
- Tadzhik Soviet Socialist Republic:
 - anti-malarial measures, 10815
 - public health, 14905
- Tadzhikistan, *see* Tadzhik Soviet Socialist Republic.

INDEX 1966

- Taft, H. M., low-volume mist sprayer for applying insecticide concentrates from ground equipment, 9772
- Taft-Hartley act, *see* Industrial relations.
- Tags, automatic pickup in packaging and labeling, 6710
- Tainter gates, *see* Gates.
- Taiwan:
higher educational institutions, 10424
mineral industry, minerals yearbook chapters, 4773, 19565
savings by providing Government quarters in lieu of payment of quarters allowances to U.S. military personnel, Department of Defense, GAO report, 6019
- Takagi, Shunsuke:
plane plastic deformation of soils, 14210
principles of frost heaving, 3815
three-dimensional yield criterion of C-O material, 8240
- Takeoff (aircraft):
noise, land exposed, optimum use, study, 7732
- Talbott, Edgar F., sr., nomination, hearing, 17594
- Talc:
lump steatite, disposal from national or supplemental stockpile, or both, law, 412
minerals yearbook chapter, 17868
- Talent:
urgent need in Government services, 16540
war on talent waste, Project Upward Bound, 10407
- Talent fees, definition under fair labor standards act, 14074
- Talent project, *see* Project Talent.
- Talented American Senior Corps, establish, hearings, 17589
- Talk:
talk and listen, guide for parents, 8163
with baby, guide for parents, 6773
- Talking books:
for blind and other handicapped persons—
hearing, 11660
law, 17092
reports, 10217, 13134
- Talmadge, H. G., jr., NRL satellite, position display, 2491
- Talwar, S. P., volume and surface instability in sliding plasmas, 2405
- Tamarisk, Arizona, water table characteristics under, 4453
- Tamarix, saltcedar, control, results of field applications of herbicides, 5265
- Tampa Bay, bait shrimp, biology, etc., 781
- Tanagers, yellow-rumped, display patterns, 9649
- Tanaka, Harry H., hydrology of alluvium of Arkansas River, Muskogee, Okla., to Fort Smith, Ark., 6040
- Taney, Norman E., interagency conference on Continental Shelf research, 8862
- Tank linings, *see* Linings.
- Tank vessels, *see* Tankers.
- Tankers:
industry, rewards of efficient system (rewards), 9353
rules and regulations, 12767
- Tanks:
aluminum, use of electromagnetic hammer to remove weld distortions, 1218
armored equipment, use of plastics, USSR study, 13571
baffled cylindrical, moment of inertia and damping of liquids, 6334
cryogenic, insulation of reduced thickness and weight, 12292
cryogenic propellant, pressurant requirements, studies, 6419
fiber-glass cryogenic propellant—
thin films as floating liners, 4949
use of glass flakes as liner, 4893
filament-wound fiber-glass cryogenic propellant, bonded plastic tape use for lining, 4950
- Tanks—Continued
gas diffuser facilitates withdrawal of cryogenic liquids, 13777
liquid-filled—
effect of projectile size and material on impact fracture of walls, 16688
filament-reinforced plastic or aluminum, projectile-impact induced fracture, 11076
liquid-hydrogen, of boost vehicles lightweight external insulation system, aerodynamic heating tests, 7838
liquid level, device without electrical connections measures, 9489
longitudinally excited compartmented cylindrical and spherical, liquid surface oscillations, 13719
manure, circular concrete, 15453
milk cooling, on farms supplying Federal milk order markets, 14509
pressurant gas injectors during pressurized discharge of liquid hydrogen, 11077
pressurized liquid hydrogen, interfacial heat and mass transfer, 6425
propellant—
liquid hydrogen, wall and bottom heating, 6439
nuclear heating, simulated, of liquid hydrogen, 6467
pressurization requirements, prediction by dimensional analysis, 12344
simulator for static liquid configuration, 9509
slosh design handbook, 9395
spherical, stability boundaries for planar and nonplanar sloshing, 4954
storage—
industrial plant equipment handbook, 17607
maintenance simplified by interior servicing platform, 17898
thin-wall cylindrical, longitudinally excited, transfer function analysis of fluid contents, 16692
water filled, impacted by high velocity projectiles, pressure waves generated, 4912
- Tanks (cargo):
empty, exempt from coastwise trade laws, hearings, 10335
- Tanks (military science):
maintenance, Army Dept., GAO, review, 14736
M48A1, equipment modification program, Army Dept., GAO report, 12003
tank units, platoon, company, and battalion, Army field manual, 8252
- Tanning and tanning materials:
extracts, suspension of duty, continue—
law, 17102
report, 8557
see also Leather, hides, and skins.
- Tannins, vegetable extracts, disposal from national stockpile, hearing, 570
- Tanoak, crown and tree weights, 17688
- Tantalum:
alloys—
high-temperature, 10919
tungsten, influence of boron additions on physical and mechanical properties, 4973
ultrahigh-vacuum creep behavior at 2000° and 2200° F, 4960
columbium bearing alloy, electric-arc furnace reduction of tin slag for production, 7707
evaporation of Pa-Hf-C system, computational methods for calculation of rates, 9429
minerals yearbook chapter, 16556
tantalum, and alloys, compatibility with hydrogen in presence of temperature gradient, 13842
tubing alloys, compatibility with potassium, 9542

Tantalum carbide:

Hall coefficient, as function of carbon content, 2421
solid solutions, TaC-HfC system, time influence on vacuum vaporization rate and surface compositional stability at temperatures above 2000° C, 12365

Tanzania:

agricultural commodities, agreement, 15357
economy, basic data, 5551
foreign trade regulations, 15646
market for U.S. products, 12059
mineral industry, minerals yearbook chapter, 7695

Rwanda boundary, study, 15343

treaties concluded between United States and United Kingdom, continued application, agreement, 16856

Tao-tai Hsia, *see* Hsia, Tao-tai.

Tapager, James R. D., decoding and plotting, 12410

Tape, Gerald F.:

remarks—

Mar. 22, 1966, 6872

Apr. 22, 1966, 8303

June 1, 1966, 9933

Tape:

dry tape battery concept, development, 2365

energy storage concept uses tapes, 7770

paper, expandable takeup reel facilitates removal, 15129

Tape (magnetic), *see* Magnetic tape.

Tape recorders:

electronic phase-locked-loop speed control system is stable, 12295

endless-loop tape transports for satellite applications, design, etc., techniques, 11050

errata, 16650

Tapia Adames, Juan I., *see* Adames, Juan I. T.

Taps and dies, strippable grid facilitates removal of grid-surfaced conical workpiece from die, 13769

Tapscott, Robert J., flight study with large helicopter showing trends of lateral and longitudinal control response with size, 16672

Tar roofing, *see* Roofing.

Tar siding, *see* Siding.

Tarabochia, Alfonso L., testimony, hearings, 8784

Target practice, national trophy matches, 1965, official bulletins, 5348

Targets:

ground reference, instrument quickly transposes to eye level, 6387

point source, visual detection of satellite with unaided eye, 15065

small arms ranges, Air Force manual, 16944

Tariff:

act of 1930, amend—

law, 8464

reports, 5771, 17218

special and administrative provisions under titles 3 and 4, text, 3528

communications carriers, FCC rules and regulations, 2927

customs conventions, 13081-82

customs duties, code of Federal regulations, 11932

customs hints for returning U.S. residents, 4241

customs regulations, 2822

revised pages, 7250, 10380, 11839

decisions under customs laws, 3623

Customs Court, 8794

duty free treatment of gifts from servicemen in combat areas—

law, 7032

summary, 7170

legislative history, 17399

report, 7086

Senate amendments, summary, 8687

Tariff—Continued

duty, proposed conversion of rates for certain products, investigations, 14044, 18129

quantitative restrictions and quotas on U.S. imports as cited in tariff schedules, 1510

schedules—

amend to change dutiable status of watches, etc., from insular possessions, hearing, 13208

annotated, 3570

long term international cotton textile arrangement categories, 8319

supplements, 2600, 6668, 9743, 12543, 18130

commodity by country, U.S. imports, 9970

technical amendments act of 1965, extension of time for filing certain requests, report, 17317

United States, 3569

summaries of trade and tariff, information, 14045, 16875

treatment of articles assembled abroad of products of U.S., reports, 16130, 17332

U.S. import of free and dutiable goods and average rates of duty, 5552

see also General agreement on tariffs and trade—*also* names of classes of articles imported or exported.

Tariff Commission:

appropriations, 1967—

hearings, 15955, 17567

reports, 15938, 17348, 17539

investigation, textured yarns, report, 1511

notices of hearings, investigations, etc., 3568

press releases, 3408

report 1965—

departmental edition, 5184

document edition, 4062A

Tariffs and trade, general agreement on, *see* General agreement on tariffs and trade.

Tarrants, William E., work injuries and work injury rates in street and highway department industry, 2295

Tarsis, Valeriy:

criticism of writings, 6146

interview with London Sunday Telegraph, USSR comments, 10813

Tartaron, Francis X., prerefining pig iron with cone, desilicizing techniques, 1160

Tarzwel, Clarence M., biological problems in water pollution, 9624

Task analysis:

Air Force tryout of task rating factors, 6808

pilot describing function measurements in multiloop task, 15052

Task Force on Federal Flood Control Policy, report, 15785

Tasmania, lights and fog signals list, changes, 1337, 6522, 9582, 13895

Taste, babies touch, taste, and learn, guide for parents, 6771

Tatlock, D. B., rapid modal analysis of some felsic rocks from calibrated X-rays diffraction patterns, 4511

Taube, Carl A.:

characteristics of patients in mental hospitals, 5122

employees in nursing and personal care homes, 15310

Taubenfeld, Howard J., weather modification, law, etc., 16743

Tautomerism, phenylhydrazones-phenylazo, chemical structure characterization, progress report of Organic Chemistry Section, July 1965-June 1966, 17944

Tavener, William H., use of continuous borer in mining pitching anthracite beds, 9380

INDEX 1966

Tax Court:
 appropriations, 1967—
 hearings, 7115, 10322
 law, 15699
 report, 8598
 judges, retired pay, change method of
 computing—
 law, 5580
 report, 4169
 reports (decisions)—
 bound volume, 8097
 consolidated pamphlets, 3571

Tax exemption:
 combat pay exclusion for commissioned
 officers, increase—
 message from the President, 17162
 report, 17307
 contributions to national and State political
 committees, amend Internal revenue
 code, hearings, 16182
 nonprofit corporations providing reserve
 funds for building and loan associa-
 tions—
 law, 5578
 report, 4167
 pension trust procedures, etc., under in-
 ternal revenue code, 14779

Tax guide for U.S. citizens abroad, 2125

Tax refunds:
 farmers gas tax credit, 14775
 internal revenue taxes, refunds and cred-
 its, report, 5606

**Tax return filing requirements for United
 States citizens abroad, 2127**

Tax returns, see Income tax.

Taxation:
 Bulgaria, under new system of planning
 and economic management, 16454
 career opportunities, IRS, tax technician,
 4571
 changes for shortrun stabilization, hear-
 ings, 10094
 common carrier property, assessments,
 hearings, 7153
 current tax developments (remarks),
 15392
 current tax scene (remarks), 8099
 double, convention with—
 Belgium—
 protocol, report, 1887
 supplementary protocol, 13074
 Federal Republic of Germany, protocol,
 1887, 6650
 Great Britain, supplementary protocol,
 message from the President, 10277
 Israel, 13073
 Netherlands—
 agreement, 16865
 protocols, report, 13087
 Philippines, 13071
 Thailand, 13072
 ratification, hearings, 576
 United Kingdom, protocols, report, 13087
 employer's tax guide, 854
 exports, Action Committee report, 7013
 farm real estate taxes, recent trends and
 developments, 1973
 Federal, legal careers in IRS, 857, 17741
 Federal tax lien act—
 hearings, 5714
 reports, 15879, 17522
 statements, digest, 7166
 Federal tax policy and computer tech-
 nology (remarks), 11294
 Federal tax system and accounting con-
 cepts (remarks), 16876
 filing requirements for U.S. citizens
 abroad, 2127
 foreign investments in U.S., remove tax
 barriers, statements, summary, 1878
 foreign investors tax act of 1965—
 summary, 4149
 written statements submitted to Ways
 and Means Committee, 14446

Taxation—Continued
 foreign investors tax act of 1966—
 hearings, 7167, 14480
 reports, 8618, 12908, 17521
 guide for U.S. citizens abroad, 2125
 incentives and effluent charges for water
 pollution control, views of Governors,
 report, 7092
 intergovernmental cooperation in tax ad-
 ministration, summary, 1
 intergovernmental relations, results of
 questionnaire, 8775
 Internal Revenue Service publications con-
 taining tax information, list, 5095
 limiting priority and nondischargeability
 of taxes in bankruptcy, law, 11592
 national tax increases, whether and when
 (remarks), 8105
 President's 1966 tax proposals, hearings,
 4151
 President's tax program, 5194
 President's tax recommendations, sum-
 mary, etc., 4152
 priority and nondischargeability of taxes
 in bankruptcy, amend law, reports, 5761,
 5763-64, 10284
 program (remarks), 5195
 quarterly tax reports, 3448, 6935, 9968,
 11478
 railroad retirement tax act, amend to
 change rates, hearing, 16196
 real property transferred by RFC to other
 Gov't departments, payment in lieu of
 taxes, extend, report, 17239
 small business, 1966, guide, 2124
 announcement and order form, 17997
 social security—
 agricultural employer's guide, 2115
 employers in Virgin Islands, Guam, and
 American Samoa, 2116
 household employer's tax guide, 855

States—
 and local governments—
 personal property located in Federal
 areas, subject to tax liability, hear-
 ings, 14485
 primary assessing areas for property,
 6938
 revenue, 3448, 6935, 9968, 11478
 interstate commerce activities, investi-
 gation, report, print additional copies,
 reports, 10187, 14461
 interstate taxation act—
 hearings, 10253, 11669
 report, 17232
 tax collections, 1965 report, 3933
 tax adjustment act of 1966—
 hearings, 5804
 law, 7032
 summary, 7170
 legislative history, 17399
 reports, 5659, 5665, 7086
 Senate amendments, summary, 8687
 summary, 7211
 tax changes for shortrun stabilization, sub-
 committee report, 10095
 TVA power and taxes, 5188
 U.S. system and international relation-
 ships, current developments, 1965-66
 (remarks), 1524
 see also Capital—Employment taxes—Ex-
 cise taxes—Franchise tax—Income
 tax—Inheritance and transfer tax—
 Internal revenue—Tax exemption—Use
 tax—also names of articles, etc., sub-
 ject to tax.

Taxes, see Taxation.

**Taxicabs, Government employees licensed to
 drive in D.C., investigations, etc., GAO
 reports, 2087**

**Taylor, Arthur R., Jr., heats of formation of
 beryllium sulfate and its hydrates, 6316**

**Taylor, C. J., superior photoengraving pro-
 cess for semiconductor devices, 16607**

**Taylor, Earl G., Boston wholesale food dis-
 tribution facilities, 3759**

Taylor, F. B., soil survey, Bexar County, Tex., 14023
 Taylor, Gale D., effects of hydrazine on blood glucose and muscle and liver glycogen in anesthetized dog, 9864
 Taylor, H. Ralph, nomination, hearing, 10330
 Taylor, James L., planning functional facilities for home economics education, 5880
 Taylor, John G., brooding chicks with infrared lamps, 41
 Taylor, John K., Microchemical Analysis Section, summary of activities, 16719
 Taylor, Maxwell D., statement, Feb. 17, 1966, 9722
 Taylor, W. C., plasma effects in near-zone field of antenna, 16616
 Taylor, Walter W., relief, 15806, 17422
 Taylor instability, *see* Hydrodynamics.
 Tea, foreign agriculture circulars, 2987
 Teach-in movement, and anti-Vietnam agitation, problem of Communist infiltration and exploitation, staff study, 1885
 Teachers Corps, National, *see* National Teacher Corps.
 Teachers:
 around the corner, views to prepare high school students for tomorrow's world, 14030
 citizenship, aids, resource unit, 6050
 city public schools, 1925-65 salary trends, 13618
 civil defense adult education, personal and family survival, manual, 11884
 Defense Dept. overseas, correct inequities in compensation—
 law, 8467
 reports, 4173, 7101
 District of Columbia—
 increase annuities—
 law, 11590
 report, 8743
 performing extra classroom duties, additional pay—
 hearing, 13205
 reports, 12971, 13149
 salaries, increase—
 hearings, 13205, 13207
 reports, 12971, 16139, 17312
 elementary and secondary, in school districts having high concentration of low-income families, salary incentives, hearings, 5691
 elementary and secondary schools—
 book selection aids, 8836
 fall 1965, statistics, 7307
 English teaching forum, facts and ideas for teaching English as foreign language, 1526, 5199, 8107, 12550, 16892
 examination announcement, 15630
 experienced, elementary and secondary, fellowships for graduate study, program, 7305
 Federal income taxes program, general, guide, 2128
 foreign languages, secondary school, source materials for, 7321
 general engineering faculties, seminars, Kiev, Ukrainian SSR, 6138
 go abroad for teaching and seminars, 11883
 head start child development centers, guidelines for selecting equipment and supplies, 4277
 higher education act of 1965, prospective teacher graduate fellowships and programs, 1966-67, 11880
 how to instruct trainees on job, instructor's guide, 9881
 industrial arts, survey, 13274
 international development program, 10426
 kindergarten, elementary, secondary, college and university, employment outlook, 9282
 National Teacher Corps, guidelines, 14555

Teachers—Continued
 NDEA institutes for advanced study in history, English, etc.—
 list, how to apply, etc., 5884A
 preparing proposals, manual for colleges, 5877
 Negroes displaced in southern schools, N.Y. program to reclaim, 16235
 occupational instructors preparation, course guide, 10430
 opportunities abroad for teachers, teaching, summer seminars, 14558
 teachers of the deaf, preparation, conference, 13279
 Teaching:
 aids, duty-free entry, reports, 16130, 17332
 aids needed under Montessori methods of instruction, free importation, amend tariff schedules, report, 17306
 approach to college teaching, 13277
 electronic machines to understand language, USSR study, 900
 Federal income taxes program, general, teacher's guide, 2128
 foreign speech, form of presentation, USSR study, 10799
 incentive act of 1965, hearings, 5691
 planetarium, elementary-school teaching resource, 17887
 sport skills, manual, 13948
 teachers go abroad for teaching and seminars, 11883
 Volgograd higher educational institutions, reform of economics, 13527
 see also Programmed instruction—*also* subjects taught.
 Teaching a machine to think, 4604
 Teaching machines:
 and programmed learning, USSR studies, 13503
 Bulgarian Vitosha M-3, general information, 13530
 developments in programmed learning, USSR study, 9171
 programmed learning, programmed textbooks, USSR study, 10734
 programmed, USSR study, 6196
 USSR, use in higher schools, 13465
 Teal, hunting season, Sept. 1965, experimental, 10540
 Team training research, 5066
 Teamsters Union, *see* International Brotherhood of Teamsters, Chauffeurs, Warehousemen, and Helpers of America.
 Teamwork:
 growing America (remarks), 1388
 laboratory research on team training, 12421
 Naval reserve team training guide, 13904
 TVA and Tennessee Valley Trades and Labor Council (periodical), 3572
 Technical abstract bulletin, Government-wide index, 3025, 12759
 Technical Advisory Committee, Civil Defense Office, organization and use, 17027
 Technical assistance:
 EDA program, what it is, how to apply, 1967
 EDA technical assistance, what it is, how to apply, 4265
 management and technical aid for displaced small businesses, 11218
 see also Foreign aid.
 Technical bulletins:
 Agriculture Department, 67, 1609, 3772, 5298, 6783, 8169-72, 11369, 14162-164, 16942-943
 Army Department, 5368, 15514
 Coast and Geodetic Survey, 315, 3994, 10004, 11504, 14314, 17050
 Technical cooperation, report of Committee on Technical Cooperation and Investment, National Citizens' Commission, 1549
 see also Foreign aid—*also* name of country.

- Technical cybernetics (USSR periodical) :
translations, 14862, 16466
- Technical data, *see* Technical information.
- Technical documentary report, Electronic Systems Division, 3784
- Technical education :
agriculture, objectives, 4315
Moscow People's University of Physical and Technical Knowledge, USSR study, 984
review of activities in federally aided programs, 14563
technical education program series, 11868
- Technical guide, Urban Renewal Administration, S109
- Technical information :
cooperation, etc., among information systems, literature review, 11091
improved management and determination of requirements for procurement, Army regs., 15504
organizational, technical and logistical data, staff officers' field manual, 3823
service, regional distribution of Government R & D information, 2453
- Technical inspection manual, Naval Weapons Bureau, 5077
- Technical instruments :
and equipment, Japan, 4014
exports, 1959-65, analysis, 9940
- Technical journal of soils (Chinese periodical) :
translations, 1639S, 16467
- Technical manuals, Army Department, 127-134, 1648-58, 3831-35, 5369-75, 6844-48, 8262-71, 9901-11, 11404-40S, 12660-664, 14222-231, 15515-521, 16962-966
see also names of departments, etc., issuing manuals.
- Technical memorandums :
Civil Defense Office, 1747, 5513, 12746, 14291
Coastal Engineering Research Center, 13291
National Aeronautics and Space Administration, 1238-40, 2404, 4892-95, 7810, 9500-1, 15130, 16647, 17910
- Technical news bulletin, National Bureau of Standards, 3573
- Technical notes :
National Aeronautics and Space Administration, 1241-80, 2405-37, 4896-4982, 6411-70, 7811-95, 9502-43, 11046-79, 12332-369, 13801-846, 15131-201, 16648-707, 17911-931
National Bureau of Standards, 1297-1300, 2454-55, 5010-19, 6477-80, 7919-22, 9553-56, 11096-100, 12387, 13860-86S, 15209-211, 16715-720, 17941-945
National Severe Storms Laboratory, 1536-37
- Technical orders, *see* names of departments, etc., issuing orders.
- Technical papers :
Census Bureau, 271
metallographic group meeting, 147-149
Northeast Corridor transportation project, 8428
Sport Fisheries and Wildlife Bureau, 7444, 14679
Weather Bureau, 5229, 9767, 14077, 16901
- Technical progress reviews, 3092, 3283, 3335, 3452-53
- Technical publications :
National Bureau of Standards, 13869
Outdoor Recreation Bureau, 11165
- Technical record of design and construction, Trinity River division features of Central Valley project, 12495
- Technical report system description, 15384
- Technical reports :
Aerospace Medical Division, 5299, 15481
Arctic Aeromedical Laboratory, 76-82, 3780-83, 5312-15, 6797-99, 9857-60
- Technical reports—Continued
Army Aviation Materiel Laboratories, 135-139, 1659-72, 3836-38, 8272-73, 14232-233, 15522-523
list, 9912
Army Engineer Division, North Pacific, 11890
Civil Defense Office, 3965, 5514-15, 12747, 14292, 17032
Cold Regions Research and Engineering Laboratory, 118-119, 3818-20, 8245-48, 9891-92, 12650, 14212, 16957-958
Electronic Systems Division, 83, 3785-86, 5317, 6801, 8193-94, 9861, 16949
highway planning, 9637
National Aeronautics and Space Administration, 2438, 4983-86, 6471-72, 7896-98, 9544, 11080-81, 12370-373, 13847-848, 15202, 16708-709, 17932
National Capital Open-Space Project, 1302
National Resource Evaluation Center, 659
Naval Air Test Center, 7975
Naval Ordnance Laboratory, White Oak, Md., 2502
Naval Research Office, 5070-76, 9593-94
Naval Training Device Center, 1350, 2490, 5066-69, 6536-37, 7970-73, 11154-155, 12421, 13910, 15250-251
Personnel Research Laboratory, 90, 3790, 5323, 6805-8, 8198-8200, 14183-184, 15487-488, 16950
Rome Air Development Center, 8201
School of Aerospace Medicine, 93-100, 1621-27, 3792-99, 5327-36, 6810-16, 8202-20, 9863-77, 11378-384, 12628-646, 14190-196, 15489-495
Waterways Experiment Station, 678-682, 1991-93, 4338-44, 5887-91, 7335-38, 8864-65, 10443-446, 11897-899, 13295-298, 14575-576, 16249-251
- Technical research notes, Army Personnel Research Office, 1673, 3839-42, 5377, 8274-75, 9914, 12667, 14234
- Technical research reports, Army Personnel Research Office, 3843, 9915, 15524-525, 16967
- Technical Sciences Department :
Academy of Sciences, Hungary, status of research under guidance, activities, 9081
Academy of Sciences, USSR, technical cybernetics, news, 1035, 6213
- Technical services :
State, information dissemination (address), 11530
United States Army in World War II, 9358, 10907
universities as technological centers, new concepts in development, State technical services act of 1965 (address), 10022
- Technical studies, Federal Housing Administration, list, 10474
- Technical study series, National Commission on Food Marketing, 13871, 15215-218, 16722-733, 17947-949
- Technical translations :
bibliography (periodical), 3574
National Aeronautics and Space Administration, 1281-86, 2439, 4987-5001, 6473-74, 7899-7902, 9545-48, 11082-83, 12374-376, 13849-850, 15203, 16710
Technical writers, *see* Authors.
- Technicians :
Army National Guard—
manning criteria, 5023, 7926, 12391
program, job descriptions, pamphlet, 11103
career opportunities, civilian, Air Force Dept., 15485
careers, technical occupations, 5870
civil technology, highway and structural options, 2-year post high school curriculum, 11868
communications 0 3 & 2, Navy training course, 2487
current employment market, 664-665, 14567

Technicians—Continued

- engineering and science technicians, employment outlook, 9284
- engineering and scientific technician examination announcement, suspension notice, 14312
- engineering, examination announcement, amendment, 12750
- engineering, pay, survey, Feb.-Mar. 1965, 2303
- National Guard, clarify status—
hearings, 15962
report, 17225
- scientific and technical personnel in oceanography, 17649
- see also* Dental technicians—Electronic technicians—Fire control technicians—Radio service technicians—Radiology technicians—Television service technicians—X-ray technicians—Zootechnicians.
- Technological change in hospital, 4332, 7328
- Technological Laboratory, Gloucester, Mass., Commercial Fisheries Bureau, reports, 2037, 11965
- Technologists, *see* Medical technologist.
- Technology:
and American economy, 7923
appendix, 13872
and brain, USSR study, 2231
and public policy (lecture), 15659
application of thin-film, in microminiaturization of measuring equipment, USSR translations, 7630
automation and technology in education, 17151
Bulgaria, progress, 14954
Bulgarian technical research, financing system, 13529
cathode ray, development trends, East Germany, translation, 12160
Chinese Communist, evaluation of comprehensive study, 16460
civil, highway and structural options, 2-year post high school curriculum, 11868
Commerce Department, background information, 10045
Communist China, translations, 3598
design and drafting, 1965-75, report, 17800
discoveries, patent system, and progress in our economy (address), 8414
economic and social implications, current projects, 16741
education (address), 4029
educational technology, hearings, 14375
extreme vacuum developments, 1184
future international meetings, world list, 3716
historical-technical analysis, use of electronic computer, USSR study, 7592
Hungary, Department of Technical Sciences, report, 10707
interaction between space exploration, science, and technology (address), 1288
Lenin prize, nominations, 6229
mining review, minerals yearbook chapter, 13700
NASA technical reports for 1965, selected listings, 12290
NASA technology utilization publications, listing, 9549
NASA's technical information system, how to use, 7720
National Referral Center for Science and Technology, 6278
national standard reference data system, NBS, status report, 11098
Panel on Science and Technology, 7th meeting—
papers, 8682
proceedings, 5709
Patent Office and technological progress (address), 15256
patents and spread of technology (address), 17059

Technology—Continued

- petroleum industry, Conference on Selected Technology, Lewis Research Center, papers, 15085
- philosophical aspects, USSR study, 2255
- progress, international cooperation (address), 8426
- proposed technical approaches (PTA), Naval Material Office guide for preparation, 13912
- reactor technology, 1965 selected reviews, 5409
- report of Committee on Science and Technology, National Citizens' Commission, 1548
- rocket, pioneers, 1286
- science, technology and future of society (address), 15658
- science, technology, and role of Federal Government (remarks), 170
- scientific and technical information analysis center managers, directors, and professional analysts, Ad-Hoc forum—
directory, 12677
proceedings, 12676
- State technical services act—
amend to include Guam, report, 17268
fact sheet, 11527
regional opportunity (address), 4027
special merit programs, 11528
steps for State participation, 11529
- status and trends, NASA symposium, 6358
- technical instruments and equipment, market in France, 1773
- technical manpower, impact of Federal research and development policies, hearings, 1949
- technological change and employment, 7676
outlook, 13872
- technological developments as of Mar. 1, 1966, BLS publications, list, 10881
- technological trends in major American industries, 13607
- textile & apparel technology program, 1301
- training in perspective of technological change, seminar on manpower policy and program, 4699
- transfer and innovation, guide to literature, 14329
- USSR—
Lenin prizes awarded, 12150
Lenin prizes, 1966, recipients, 9172
progress, 2245
scientific technical problems, use of electronic computers for computing, 9120
technical progress through economic incentive, conference, 9101
utilization bibliography (series), 6357
utilization program of NASA for industrial and consumer benefit, 7903
see also subjects.
- Technology Utilization Division, NASA, publications, selected listing, 9549
- Tectonic creep, *see* Tectonics.
- Tectonics:
Hayward fault zone, Calif., tectonic creep, 4517
Keweenaw Basin, western Lake Superior region, 9020
- Tectonosphere, *see* Earth.
- Teenagers, *see* Youth.
- Teeth:
children, care of, 12733
enamel, protection by stannous fluoride prophylaxis pastes, 6816
increased caries resistance associated with higher parotid fluid flow rate, 9866
mobility, effect of—
mastication and deglutition, 9867
tube-type diet and stress-inducing conditions, 12632
- Teetsel, Dorothy A., thermal degradation, etc., of high polymers, 8816
- Teflon, *see* Polytetrafluorethylene.

- Tegeler, Henrietta H. :
 agriculture of west Asia, 5867
 Cyprus' agricultural economy in brief, 14544
 Jordan's agricultural economy in brief, 8831
 Tejon, Maria V. S., *see* Tejon, Virginia S.
 Tejon, Virginia S., relief, 5631
 Tekkites, Muong Nong, lunar structures as deduced from, 15172
 Telecommunication :
 agreement with Viet-Nam, 8083
 code of Federal regulations, 8918, 10500-502
 electromagnetic spectrum utilization, the silent crisis, 17054
 international, convention and protocol, 13083
 unified S-band techniques for Apollo, 9524
 see also special method of communication.
 Telecommunications Research Institute, Hungary, scientific meeting on 50th anniversary, 7578
 Telecommunications Sciences and Aeronomy Institute, ionospheric predictions (periodical), 3088
 Telegrams through space, USSR, 4634
 Telegraph :
 carriers—
 domestic and overseas reporting annually, statistics, 14620
 quarterly operating data, 3443
 communications in railroad transportation, USSR study, 16400
 franks, FCC rules and regulations, 2927
 House Members, additional allowances, report, 12928
 wire, classification of employees, FCC rules and regulations, 2927
 see also Phase telegraphy.
 Telemechanics, USSR all-Union scientific session devoted to radio day, 14816
 Telemetering signals, video, adaptive data compression, 9523
 Telemetering systems, *see* Radiological telemetering systems.
 Telemeters, frequency and frequency-time systems of digital telemetering, USSR study, 7629
 Telemetry :
 binary data, blasing effect of random bit errors, 16652
 channel, PN acquisition demodulator achieves automatic synchronization, 12313
 data frame readout system, 7872
 error rate reduction of parity checked data by likelihood deletion strategy, 15181
 FM, and free-flight techniques for aerodynamic measurements in wind tunnels, 6462
 integrated telemetry-computer system, 7894
 miniature bioelectronic device accurately measures and telemeters temperature, 6383
 PCM, all-magnetic—
 feasibility breadboard, 17879
 review of system breadboard, 9409
 PCM and PFM systems, comparison, 15142
 PCM frame synchronization strategies, computer program to evaluate, 7858
 PFM data, digital computer processing, 7722
 PFM high resolution processing improvement using signal conditioning, 9503
 phase-coherent and non-phase-coherent coded communications, comparison, 7814
 processing for NASA scientific satellites, 13806
 space, statistical data compression technique, 16680
 systems, miniaturized VHF FM/FM, 3798
 telemechanics, USSR studies, 6239
 see also Radio telemetry.
 Telepathy, *see* Thought-transference.
 Telephone :
 abusive and harassing calls in interstate or foreign commerce, amend communications act, hearings, 17574
 carriers—
 annual statistics, 14621
 quarterly operating data, 3442
 companies—
 class A and class B, classification and compensation of employees, FCC rules and regulations, 2927
 consolidation, acquisition or control applications, FCC rules and regulations, 2927
 uniform system of accounts, FCC rules and regulations, 2012, 2926
 current industrial reports, 2818
 directories—
 House of Representatives, 4044
 Senate, 536, 10274
 State Department, International Development Agency, Arms Control and Disarmament Agency, 1493, 11260, 15344
 franks, FCC rules and regulations, 2927
 House Members, additional allowances, report, 12928
 households with telephones, Mar. 1965, population characteristics, 3925
 how to use, 9030
 materials acceptable on systems of REA borrowers, list, 3154
 occupations, employment outlook, 9312
 operations and loans, field representative, examination announcement, discontinuance notice, 5520
 recorded messages, unlawful unless subscriber identified, hearings, 7205
 rural, construction contract, labor and materials, 12497
 Rural electrification act of 1936, amend, proposed legislation, 11211
 Rural Electrification Administration—
 borrowers systems, list of materials acceptable, 11212
 telephone loan account, establish, hearings, 13011, 17356
 statistical bulletin, 3447
 Telephone cables, splicing, cable terminations and repairs, technical manual, 1657
 Telephone lines, extension, etc., FCC rules and regulations, 2927
 Telephone operators :
 employment outlook, 9268
 examination announcement, 11500
 Telephone poles, *see* Poles.
 Telescopes, catadioptric, with mirror-lens correction, USSR study, 9080
 see also Radio telescopes.
 Telescoping of instrumentation tubing eliminates swaging, 10988
 Teletherapy, programs, AEC licensing guide, 5381
 Teletype :
 electroluminescence vs teletype readability of weather messages, information processing, study, 6801
 modernized weather teletypewriter communication system, technical report system description, 15384
 teletypewriter set AN/PGC-1—
 operator training course, 5365
 organizational mechanic/repairman course, 5362
 Teletypewriter, *see* Teletype.
 Television :
 adaptive data compression for video signals, 9523
 bandwidth requirements, variable word length encoder reduces, 1221
 broadcast actions, reports, 2916
 broadcasting—
 agreement with Viet-Nam, 8083
 occupations, employment outlook, 9310

Television—Continued

broadcasting stations of world, indexed by country, city, frequency, 14689
capabilities for making navigational measurements, 7875
closed-circuit system, for study of Gemini-Agena docking, 2414
cloud photography, meteorological satellite data, catalogue—
ESSA I, 14580
TIROS VII, 1535, 8867
TIROS VIII, 5900, 14579
TIROS IX, 11902
community antenna systems, FCC regulation, hearings, 10250
compression of video data by adaptive nonlinear prediction, 13813
educational facilities program, public notice, 2877
establishment of television system, agreement with Saudi Arabia, 18126
households with sets in U.S., current housing reports, 3919
infrared, used to detect hydrogen fires, 13798
medical teaching and research, survey and bibliography, 4319
professional football telecasts, protect secondary school contests, reports, 16156, 17341
rainbow, Molniya color transmission over 80,000 kilometers, USSR study, 4635
ratings, methodology, accuracy, and use, report, 4082
selling and servicing, bibliography, 12503
sets, current industrial reports, 1732, 15586
stereoscopic pictures, producing with screen of cylindrical lenses, 7762
TIROS coverage of 1963 Atlantic hurricane season, 12335
USDA films, 9823
USSR all-Union scientific session devoted to radio day, 14939
violence and crime portrayed, effects on young people, juvenile delinquency investigation, report, 1924
Television cameras, *see* Cameras.
Television ophthalmoscopy, workshop, proceedings, 15297
Television service technicians, employment outlook, 9285
Telluric currents, *see* Geophysics.
Tellurides, yttrium, thermoelectric properties, 17860
Telomerization, beta radiation-induced, methanol with ethylene, 8290
Temel, Jacobo, relief, 8520, 12810, 13112
Temperature:
and pressure measurements of cavity for decoupled nuclear explosion, feasibility, Project Dribble, Salmon event, 3852
bimetallic devices help maintain constant sealing forces down to cryogenic temperatures, 13760
boron-deoxidized copper withstands brazing temperatures, 15092
changes in temperature field and circulation in stratosphere, influence of tropospheric processes, 4994
control, of structures in space flight, by special coatings, 1213
control system maintains compartment at constant temperature, 10997
control unit for sounding rocket applications, 16655
controlled with closed fluid system without moving parts, 1207
cryogenic, optical gyro pickoff operates, 7784
determination by polarographic technique, 5334
effects on maximum induction of magnetic materials, determination, 15175
electrically conductive fibers thermally isolate sensor, 13784

Temperature—Continued

elevated, effect on mechanical strength of coke and iron ore pellets, 13696
empirical profiles, static diffusion models of upper atmosphere, 2560
entropy diagram for parahydrogen triple-point region, 17943
environmental, effect on lethality of endotoxin and its effect on body temperature in mice, 5314
geothermal investigations, properties of thermistors and preparation of thermistor cables, 9009
Greenland ice sheet, snow, 6830
high—
diaphragm valve for fluid flow control, 15096
formable aluminum alloys for service, USSR study, 4611
gas transport properties, evaluation, 17873
heat content of lithium columbate, 17867
influence of yttrium on oxidation of nickel at 1,200° C, corrosion studies, 12255
inorganic salts, properties and decomposition, 17940
kiln drying of lumber, bibliography, 16336
protective coatings for molybdenum and tungsten, 1295
reduction of ferrous oxide, 4794
silazane polymers application, 12293
supersonic and hypersonic environments, oxidation of graphite, 12343
thermocouple operates in reduction atmosphere, 7788
high altitude—
measurement, agreement with Spain, 12538
thermistor arrangement to improve measurements, 13716
high-power-level temperature controller for space flight applications, 7842
high-temperature properties of—
cesium, 1358
potassium, 1356
sodium, 1357
hydrogen gas flowing in heated tube, laminar-flow, instability resulting from increases in temperature, 9514
influence on sugar maple and yellow birch germination in upper Michigan, 5983
jet, effect on refraction of sound, 10960
low-temperature, high-pressure electrical connector makes no-leak seal, 7759
magnetohydrodynamic boundary layer between parallel streams of different magnetic fields and temperatures, 7748
manned spacecraft cabins, thermal regulation, 7867
mean annual maximum, maps, 5893
mean date of last 32° (F.) temperature in spring and first 32° (F.) temperature in autumn, 8866
measurement, spectroscopic method not requiring transition probabilities, 6333
miniature bioelectronic device accurately measures and telemeters, 6383
multiple temperatures sampled using one reference junction, 12302
normal daily maximum, minimum, average, and range, maps, 4345
optimum brine heater outlet, in sea water conversion evaporators, 12053
Pacific Northwest, monthly, 3307
pressure and temperature in conterminous U.S., interdiurnal variability, 9767
radiation used to temperature compensate semiconductor strain gages, 10995
RF induction heater, auxiliary coil controls, 6393
room and elevated, fatigue of René 41 under constant and random-amplitude loading, 1256

INDEX 1966

- Temperature—Continued
spacecraft, control by thermostatic fin, design considerations, 10966
surface, measurement by optical and ratio pyrometers, 15193
thermophysical properties of potassium, summary, 4904
TIROS radiation measurements and variations in atmospheric heating, 17874
transducer has high output, is time stable, 1237
underground, East Tintic district, Utah, 4521
upper stratosphere and wind measurements, 13848
White Sea, water in active layer, method of calculating, USSR study, 12157
wide-range, monitoring, and compensating networks in scientific satellites, new design approach, 16681
see also Body temperature—Cold—Heat—Heat transfer—Ocean temperature.
- Temperature indicators:
fusible, use for obtaining quantitative aerodynamic heat-transfer data, 4986
use of braze alloys, 12315
- Temple Mountain, geology and uranium deposits of district, Emery County, Utah, 9007
- Ten-bit analog-to-digital converter, 17925
- Tenebrionidae, *see* Beetles.
- Tengan, Matsusuke, relief, 5723, 15687
- Tennent, Richard C., hydraulic analysis of culvert culverts, 5125
- Tennessee:
census of business, selected services, area statistics, errata, 198
census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14259
climatological data, 2751
congressional districts, 90th Congress, 15605
county business patterns, 3915
divorced persons, characteristics, 1960–61, 1444
electric rate book, 722
life tables, 18050
mineral industry, minerals yearbook chapter, 1146
precipitation data, hourly, 3045
Smith County Soil Conservation District, farm pond for dairy cows and fishing (colored poster), 9702
south-central, Cumberland Escarpment and Highland Rim, interpretation, 6034
- Tennessee River and Valley:
basin, above Chattanooga, precipitation, probable maximum and TVA, 1534
furniture production, 2607
land and its uses, inventory, 15390
precipitation in basin, monthly, 3336
TVA tames river, 15391
- Tennessee Valley Authority:
act of 1933, amend, 11607
hearings, 11682, 14503
agricultural and chemical development, 1965 annual report, 6670
annual report, 2601
appropriations, 1967, public works—
hearings, 10229
law, 401
Board of Directors, member, nomination of Don McBride, hearing, 10369
bonds to finance power program, increase limitation, 11607
hearings, 11682, 14503
comparison of coal-fired and nuclear power plants, 14046
electricity sales statistics, retail distribution, 2880
financial statements, 1965, 6671
GAO examination, 4495, 11603
indexed bibliography, cumulative supplement, Jan. 1963–Dec. 1964, 12544
- Tennessee Valley Authority—Continued
industrial development in area, 11292
power—
annual report, 5187
municipal and cooperative distributors, 1965 operations, 2609
revenue bonds issued, increase amount—
law, 15720
reports, 10176, 11620, 13160
teamwork (periodical), 3572
TVA dams and steam plants, 8098
TVA power and taxes, 5188
TVA power, 1966 program, 11293
TVA program, bibliography, 11291
TVA today, 6672
TVA's influence on electric rates, 5189
- Tennille, Ga., railroad accident, 12083
- Tensile strength, *see* Strains and stresses.
- Tension:
cold stress, parameters, effects, mitigation, 82
effect of tube-type diet and stress-inducing conditions on tooth mobility, 12632
heart diseases and the psyche, review of research grants, 12472
muscle, effects on tachistoscopic perception, 9594
physiological observations on race car drivers, 15068
stresses effect on precipitin response to human serum by rabbit population, 8218
symposium of medical aspects of stress in military climate, 141
See also Strains and stresses.
- Terbium oxides, high-temperature heat contents and entropies, 12248
- Teren, Fred:
explicit guidance equations for multistage boost trajectories, 4936
payload optimization of multistage launch vehicles, 4938
- Terephthalate, *see* Polyethylene terephthalate.
- Terhune, R. W., surface motion measurements, Project Dugout, 16972
- Terminal boards, adhesive backing eliminates mounting screws, 2400
- Terminal instrument procedures, TERPs, U.S. standards, 16255
- Terminals (cable):
electrical, friction-fit, standoff tool speeds placement, 1223
load-carrying, for armored electric cables, 2493
- Terminals (transportation):
foreign trade and Federal Maritime Commission, appraisal (address), 14633
- Terrain:
electromagnetic analysis laboratory investigations, 680
muskeg, confined organic, trafficability tests, summer 1962 tests, 5890
- Terrazo, workers, employment outlook, 9216
- Terrestrial impact structures, bibliography, 16356
- Terrestrial magnetism:
design of numerical filters for geomagnetic data analysis, 12338
geomagnetic disturbances at high latitudes, investigation, 4992
geomagnetic geometry tables, 7725
see also Magnetograms.
- Territories:
health authorities, 1966, directory, 16793
income tax, withholding from compensation of Federal employees, regulations, rescission, 15395
inheritance laws, digest, 11307
- Territories Office, appropriations, 1967, hearings, 7113
- Terrorism:
organizations, curb—
hearings, 17396
report, 17352
- Terry, David D., Lock and Dam, *see* David D. Terry Lock and Dam.

Terry, James M., miniaturized VHF FM/FM telemetry system, 3798
 Tertiary amines, *see* Amines.
 Tests, Abram, *see* Sinyavskiy, A.
 Test chambers, variable-environment, for physically testing materials, 7786
 Test strips detect different CO₂ concentrations in closed compartments, 4883
 Testes, function in roosters and mice exposed to increased partial pressure of oxygen, 12631
 Testimony, *see* Evidence.
 Testing:
 design, conduct and analysis of Air Force tests, guide, AFSC pamphlet, 14178
 detecting cracks with paramagnetic fluorescent media, East German study, 4682
 drop-weight, explosive liquids, 12254
 National defense education act program, questions and answers, 653
 nondestructive, military standard for symbols, cancellation notice, 7263
 nondestructive testing series—
 electromagnetic inspection of materiel, radiography, 16213
 quality control and non-destructive, all-Union scientific and technical conference, USSR, 12139
 simple, nondestructive test identifies metals, 13741
 State Department of Education personnel, directory, 7301
 see also Ability—*also* names of substances or objects tested.
 Testing apparatus:
 physical properties testing equipment, industrial plant equipment handbook, 8799
 semiautomatic device tests components with blaxial leads, 13772
 standard allowance of test equipment, FAA handbook, 8873
 vacuum test fixture improves leakage rate measurements, 12326
 Testing kits, dispenser leak-tests rubber gloves, 9473
 Tests, *see* Examinations—*also* types, or names of tests.
 Teton County, Idaho, geology of Garns Mountain quadrangle, 9010
 Tetrabromoethane, laboratory processes for washing from mineral particles, 6320
 Tew, R. W., photosynthetic halophiles from Owens Lake, 4818
 Texas:
 area measurement report, 1697
 balanced export and domestic trade (address), 5544
 Big Bend region, species of Oedemeridae, 2469
 census of business, 1963 retail trade, area statistics, errata, 191
 climatological data, 2751
 congressional districts, 90th Congress, 15610
 cotton basket-storage systems, cost, 1964, 50
 cotton cooperatives, services and benefits, 5908
 cotton varieties planted in early producing section, 10375
 county business patterns, 239
 electric rate book, 16276
 fishery products, wholesale dealers, list, Mississippi River and tributaries, 775
 high plains, water resources, 5266
 iron and steel scrap, 9360
 landings, fish and shellfish, 3575, 13337
 life tables, 18051
 lignite beds, delineation by statistical techniques, 16578
 longhorns, conservation note, 10530
 Lower Rio Grande Valley, citrus prices and market structure, 8148

Texas—Continued
 manufacturing plants, location by county, industry, and employment size, 1963 census, 16996
 mineral industry, minerals yearbook chapter, 2343
 natural resources, 848
 northeastern, low-flow characteristics of streams in Mississippi embayment, 10641
 precipitation data, hourly, 3045
 San Saba-Brady Soil Conservation District, Hereford cattle on irrigated coastal bermudagrass (colored poster), 9703
 Texas and Pacific Ry., accidents, 6097, 12086
 Texas City, Tex.:
 commodity transportation survey, production area series, 8346
 stability of seawall, hydraulic model investigation, 11898
 Textbooks:
 Armed Forces Institute, 5842
 for Soviet schools, 14565
 parochial school students and religious freedom, State laws, 16241
 programmed, USSR study, 10734
 Textile machinery, exports, prospects (address), 8424
 Textile mills:
 products—
 census of manufactures, 1963, manufacturing plants, location, 12698
 commodity transportation, survey shipper series, 212
 Textiles:
 broad fabric weaving, current industrial reports, 246
 broad-woven fabrics finished 1964, preliminary, current industrial reports, 247
 broad-woven goods, blends and mixtures, 1965, current industrial reports, 15583
 cotton broad-woven goods, current industrial reports, 249
 dyeing and finishing, census of manufactures, 1963, industry report, 5440
 expanded vinyl fabrics for furniture upholstery use, standard of trade, 11089
 Federal item identification guides for supply cataloging supplements, 2939
 industry—
 and international trade (remarks), 5542
 problems and challenges (address), 6999
 rehabilitation program (remarks), 4023
 knit cloth for sale, current industrial reports, 256
 change sheet, 12709
 machinery, industrial plant equipment handbook, 7257
 man-made fiber broad woven goods, current industrial reports, 257, 2818, 5481
 miscellaneous fabricated products, census of manufactures, 1963, industry report, 6896
 miscellaneous goods, census of manufactures, industry report, 3888
 nonwoven fabrics, bonded fiber and conventional felts, current industrial reports, 3922
 quality assurance information handbook, 16207
 synthetic, industry—
 industrial waste guide, 2533
 wage survey, 17809
 textile & apparel technology program, 1301
 tufted products, 1965, current industrial reports, 265, 8357
 wool, broad woven goods, current industrial reports, 2818
 woven fabrics, current industrial reports, 2817
 woven fabrics, tariff treatment, amend—law, 8481
 report, 8729
 see also names of textiles.
 Textured yarns, 1511, 7212
 TFE, *see* Polytetrafluoroethylene.
 TFX (tactical fighter experimental airplane), *see* Airplanes.

- Thailand:
 amity and economic relations, treaty, 13084
 background notes, S053
 Burma boundary, S064
 gazetteer, official standard names, 14743
 geographical index, 1026
 income-tax convention, 13072
 investment guarantees, agreement, S076
 land snails of genus *Amphidromus*, 1326
 Malaysia-Thailand boundary, study, 2580
 market factors, 12755
 mineral industry, minerals yearbook chapter, 2344
 postal services of U.S. Armed Forces, on-site inspection, report, 17258
 tax convention, ratification, hearings, 576
 Thatcher, John W., instrumentation for primary and secondary excitation of low-energy X-ray spectral lines, 1161
 Theater of operation, *see* Combat areas
 Theodore, Augustus J., relief, 15816
 Theological roots for hospital ministry, 16895
 Theory of liquids, 17740
 Therapeutics:
 allergy and use of biologically active agents, USSR study, 7627
 diet therapy in nephropathy concomitant with bile duct diseases in children, USSR study, 1032
 family therapy, annotated bibliography, 7929
 reserpine therapy in cerebral edema, 3795
 standards, utilizing data of medical examinations, USSR study, 7550
 treatment of gunshot wounds, USSR study, 4661
 uses of isotopes, 5427
 Therapists, all-Union Congress of physio- and health-resort therapists, USSR, 14914
 Therapy, *see* Therapeutics.
 Thermal analysis, *see* Heat.
 Thermal conductivity, *see* Heat transfer.
 Thermal cycling:
 effect on tensile and compressive strength of reinforced plastic laminates, 2074
 thin-film cadmium sulfide solar cells, 16657
 Thermal decomposition, *see* Decomposition.
 Thermal degradation processes in polysiloxanes and thermal stabilization by cerium inhibitor, 16759
 Thermal diffusion, *see* Diffusion.
 Thermal environment, *see* Environment.
 Thermal insulation, *see* Insulation.
 Thermal phenomena during ignition of heated dust dispersion, 13695
 Thermal radiation:
 absorptance of metallic and coated surfaces, 4968
 chromium oxide coatings improve thermal emissivity of alumina, 11020
 energy, accurately measured by calorimeter, 6384
 nozzle of gaseous-core nuclear propulsion system, effect of seeded propellant layer on, analysis, 2415
 ocean thermal structure forecasting, 12411
 properties, procedures for precise determination, 6478
 sounding of water surface layer from radiation of heat, 16411
see also Heat transfer.
 Thermal reactions of shale-oil components, methylpyrroles, butylpyrroles, and isopropylpyrroles, 6314
 Thermal shock:
 peripheral, rock disk, stress analysis, 15024
 pigmented coating resists, 1220
 Thermal stabilization of soils, 4344
 Thermal stresses, *see* Strains and stresses—Thermoelasticity.
 Thermionic converters, space-charge theory, Schottky theory, and isothermal diode sheath theory, 6465
 Thermionic emission, diffusion and electron emission properties of duplex refractory metal thermionic emitters, 15044
 Thermistors:
 arrangement to improve temperature measurements at high altitudes, 13716
 cables, used in geothermal investigations, preparation, 9009
 determination of atmospheric density with rocket-borne thermistor, USSR study, 2269
 used in geothermal investigations, properties, 9009
 wedge immersed thermistor holometer measures infrared radiation, 1206
 Thermobia domestica, *see* Firebrats.
 Thermocouples:
 compound improves interface with sensed surface, 7777
 high temperature, operates in reduction atmosphere, 7788
 liquid trap seals thermocouple leads, 11006
 multiple temperatures sampled using one reference junction, 12302
 Thermodynamics:
 and transport properties for $N_2O_4-2NO_2-2NO+O_2$ system, 7851
 aqueous solutions of quaternary ammonium salts, 853
 Brayton-cycle space-power system, effect of turbine-coolant flow on performance, 12354
 frost heaving, principles, 3815
 measurements of nonequilibrium effects in air on wedge-flat-plate afterbody pressures, 2358
 properties of—
 arbitrary gas mixtures—
 calculation of specific heats with tabulated results, 15158
 calculation with modified vibrational-rotational corrections, 15156
 chemical, selected values, tables, etc., elements 23 through 32 and compounds, 9553
 methane burned products in oxygen-enriched air, 17891
 vanadium and its compounds, 7706
 $ZnO-Fe_2O_3-Fe_3O_4$ system, 9376, 12242
 rational, principles and methods, French study, 4659
see also Heat transfer.
 Thermoelasticity, plane thermoelastic deformation of internally heated annular disks or hollow cylinders, 4985
 Thermoelectric generators, high-temperature radioisotope, for space applications, 9928
 Thermoelasticity:
 bonding study, 4824
 thermoelectric properties of yttrium selenides and tellurides, 17860
 Thermometers:
 high temperature platinum resistance, description and drawings, 17941
 low temperature solid state, disclosure on, 7921
 Thermophysical properties of saline water systems, 12054
 Thermoplastics, *see* Plastics.
 Thermopolis, Wyo.:
 Shoshone medicine man, colored poster with—
 French text, 15410
 Spanish text, 15409
 Thermopotential measurements of alkali halides, 4927
 Thermosphere, thermospheric structure, variations, 6416

- Thermostats:
in spacecraft temperature control, design considerations, 10966
solid state, has integral probe and circuitry, 9486
- Thesaurus of DDC descriptors, 14524
Thesaurus of FAA descriptors, 4363
- Thickness measurement, polymer deformation gauge measures thickness change in tensile tests, 7801
- Thienothiophenes, presence in Wasson, Tex., crude oil, 12251
- Thin-film gage measures low-heat-transfer rates, 9484
- Thin-filmed semiconductor rectifier has improved properties, 4849
- Thiokol Chemical Corporation, hydrotest failure of motor case, 4894
- Thiophenes, *see* Butylthiophenes.
- 30 years of Cooperative Wildlife Research units, 7440
- Thomas, Elsie, relief, 8710
- Thomas, James A., ability of image interpreters to adapt output to varying requirements for completeness and accuracy, 12667
- Thomas, John O., electron densities and scale heights in topside ionosphere, Alouette 1 observations, 10980
- Thomas, Margaret W., practice of nurse-midwifery in United States, 12732
- Thomas, Richard E., principles and instrumentation for measurement of work-function variations by electron-beam scanning, 12424
- Thomasson, Edwin M., helium, 15009
- Thompkins, F. Vernon, water used in mineral industry of Alabama, 15033
- Thompson, Bertrand J., numerical techniques, 13900
- Thompson, Floyd L., address, Nov. 16, 1965, 9551
- Thompson, George R., Signal Corps, the outcome, 10907
- Thompson, Helen M., manual arts and crafts, 5321
- Thompson, J. F., prediction of propellant tank pressurization requirements by dimensional analysis, 12344
- Thompson, J. R., sharks, skates, ray [rays], and chimaeras, 4404
- Thompson, Paul E., progressive fish-culturist, 3423
- Thompson, Theo A., memorial services, 4033
- Thompson, William C., dynamic-model investigation of some landings and slideouts of recoverable booster, 15141
- Thompson, Cape, region, Alaska environment, 11432
- Thor, *see* Missiles.
- Thorium:
base alloys, fused-fluoride electrowinning, 10927
disposal from supplemental stockpile—hearing, 10325
law, 10072
reports, 8587, 8755
minerals yearbook chapter, 13702
- Thornberry, H. H., plant pests of importance to North American agriculture, index of plant virus diseases, 11346
- Thorngate, J. H.:
neutron and gamma-ray leakage from Ichiban critical assembly, 12671
post pulse gamma-radiation spectrum, Operation BREN, 11420
- Thorson, Curtis W., 2d-order astronomical position determination manual, 314
- Thought-transference:
between Moscow and Novosibirsk, USSR study, 13563
pros and cons of existence of telepathy, USSR study, 14888
- Thread mills, census of manufactures, 1963, industry statistics, 6892
- Threaded pilot insures cutting tool alignment, 6400
- Threaded split ring connector separates structural sections, 4877
- Three-dimensional flow of ideal gas past smooth bodies, 11083
- Three-dimensional yield criterion of C- ϕ material, 8240
- 307 Gilman Hall, some reminiscences, remarks, 5426
- THREE-PEE sampling theory and program THRP for computer generation of selection criteria, 4473
- Three-position rocker switch actuator has positive centering, 2395
- Thresher (U.S.S.):
civilians who lost their lives aboard submarine, furnish memorial headstones or markers, report, 12970
- Throughfall for summer thunderstorms in juniper and pinyon woodland, Cibecue, Ridge, Ariz., 6033
- Thrust:
effects of applying on recovery from incipient and developed spins for 4 airplane configurations, 12341
finite-thrust escape from and capture into circular and elliptic orbits, 15194
low, interplanetary vehicles, optimal celestial-inertial navigation concept for, analysis, 10938
measurement of SERT-I ion thrusters, 9532
propulsion, combined high-low, for close solar probe mission, 2429
test of sublimating-solid micropropulsion system, 6432
vector orientation technique, simplified, for establishing lunar orbits, 6458
- Thrusters:
colloidal particle, experimental application of charged carbon powder, 16703
electron bombardment, 5-centimeter-diameter, with permanent magnets, 15199
see also Ion thrusters.
- Thunderstorms:
measurements of condensed water in Great Plains storms, 15421
summer, throughfall in juniper and pinyon woodland, Cibecue Ridge, Ariz., 6033
unitary vertical conduction currents as measure of activity for entire surface of earth, 2446
- Thurston, G. A.:
buckling of cylindrical shell end closures by internal pressure, 13718
buckling of imperfect cylinders under axial compression, 15051
- Thymidine, incorporation into DNA after irradiation, effect of pool size, 5329
- Thyroid gland, bovine, measurement of iodine-131, 2535
- TIAS series, 1494-1506, 2581-92, 3624, 5156-73, 6640-54, 8068-87, 9725-36, 11261-279, 12525-538, 14032, 15345-374, 16556-868, 18124-126, 18128
- Tibbitts, Clark, address, Jan. 13, 1965, 1572
- Ti-chih lun-p'ing (periodical):
translations, 10741, 12128-129, 12179, 13490, 14896, 16194
- Ticks:
encephalitis virus carried by birds, USSR study, 9118
gamasid ticks, experimental infection with causative agent of anthrax, USSR study, 13454
national tick surveillance program, 14114
- Tidal hydraulics, errata, 8860
- Tidal waves, *see* Tsunami (tidal wave)
- Tides:
current tables, 1966, Block Island and Long Island Sounds, 11505
current tables, 1967, Pacific Coast of North America and Asia, 15638
Delaware River, record low, 13415

Tides—Continued

- lunar-solar semi-monthly and monthly, in seas of Soviet Arctic, USSR study, 14796
- tables—
 - central and western Pacific Ocean and Indian Ocean, 12764
 - Europe, west coast of Africa, and Mediterranean, 12765
 - North and South America—
 - east coast, 10005
 - west coast, 6987
 - variations, etc., and hydraulic computations, errata, 8860

Tien, Chi:

- effect of melting on forced convection heat transfer, 6831
- energy requirement for placing instrument package, under ice, 8236

Tighe, Charles, nomination hearings, 4215

Tijuana River:

- flood control project, joint construction, agreement with Mexico, authorize—
 - hearings, 11656
 - law, 17132
 - reports, 5778, 12962, 15898

Ti-li (periodical):

- translations, 2163, 2174, 4692, 7559, 7602

Ti-li hseuh-pao (periodical):

- translations, 16402

Tiles, tile setters, employment outlook, 9216

Tillage, porosity and random roughness of interrow zone influenced, 9791

Tillman, Tom W.:

- monaural versus binaural discrimination for filtered CNC materials—
 - impaired auditory mechanism, 15491
 - normal auditory mechanism, 5330
- speech discrimination utilizing CNC monosyllabic words, etc., 15489

Timber:

- California—
 - aerial stand-volume tables, 10580
 - harvest, 10612
 - cruises, sample sizes, 4447
 - cut in California, 1964, top utilization, 10575
 - cutting practices, need for effective controls in Pacific Northwest Region, Forest Service, GAO report, 16345
 - fuel-breaks and fuel moisture, 10582
- Illinois, resources, 7463
- management issues on Utah's north slope, 14712
- management planning, reforestation and stand improvement projects on national forests, economic evaluation, 9813
- Minnesota's third look, quality, trends, etc., 10611
- national forest, measuring, in Pacific Northwest Region, GAO report, 7476
- national forest sale accomplishments, 14697
- northwest Oregon, situation and outlook, 4479
- potential for intensive management on—
 - Spokane Indian Reservation, Wash., 10660
 - Warm Springs Indian Reservation, 13424
 - Yakima Indian Reservation, Wash., 10661
- resource statistics for southwest Washington, 5999
- standing, evaluating multiproduct potential, 4474
- stumpage prices for sawtimber sold from national forests (periodical), 3545
- Washington, 1964 harvest, 5998
- windthrown, insect-caused deterioration in northern California, 1963-64, 2077
- see also* Hardwood—also names of timber trees.

Time:

- constant involved in attention and neural information processing, 9402
- decoding problem, error decision and correction approach, 15145

Time—Continued

- standard for calibrating cardiachameters and biologic data recordings, 8210
- uniform system throughout U.S.—
 - hearing, 5697
 - law, 8463
 - reports, 5678, 7089, 8573
- see also* Hours of labor.
- Time delay, effects in visual feedback loop of man-machine system, 15063
- Time dependent deflection of floating ice sheet, 15510
- Time deposits:
 - and savings deposits, 10514
 - changes, 17660
 - control of time and savings deposits (address), 14623
 - higher reserve requirements—
 - hearing, 14476
 - law, 15764
 - report, 16131
 - insured banks—
 - eliminate unsound competition, hearings, 11645
 - temporary ceiling on interest rates, report, 12976
 - time deposits in monetary analysis, 2028
- Time series:
 - economic—
 - spectral analysis and parametric methods for seasonal adjustment, 273
 - X-11 variant of census method II seasonal adjustment program, 271
 - periods defined by irregular observations, analysis, 9434
- Time signals:
 - generator, battery-operated pilot balloon, 17693
 - standard services provided by NBS stations WWV, WWVH, WWVB, and WWVL, 9552
 - transistorized digital clock with serial binary-coded readout, 16765
- Time study, gross job time studies, efficient method for analyzing forestry costs, 4450
- Timing devices:
 - duftable status of imports from insular possessions, amend tariff schedules, hearing, 13208
 - parallel line raster eliminates ambiguities in reading timing of pulses, 15116
- Timeless and accuracy in sequential decision making task, 8274
- Timers, ordnance, symposium, proceedings, 17979
- Tin:
 - mineral industry surveys, monthly, 3576
 - nickel/tin coating protects threaded fasteners in corrosive environment, 2402
 - tin-lode investigations, Cape Mountain area, Seward Peninsula, Alaska, 6323
- Tin isotopes:
 - scattering of alpha particles from even isotopes, 1252
 - errata, 6411
- Tinker Air Force Base, Okla., civilian employees, relief, 1804
- Tinsleya, new genus of seed-bearing callipterid plants from Permian of north-central Texas, 14752
- Tippens, Paul E., determination of temperature and material effects on high-velocity impact craters in ablative heat-shield materials, 16689
- Tipton, C. L., human vs filter as data extrapolator in 2-coordinate, sampled-data tracking system, 6543
- Tire hydroplaning, *see* Hydroplaning.
- Tires:
 - advertising and labeling guides, adopted by Federal Trade Commission, 14647
 - aircraft, force-deflection characteristics, 9413
 - cord and fabrics, current industrial reports, 2818

- Tires—Continued**
 excise tax, impose at manufacturer-owned retail outlet, hearing, 16184
 Federal item identification guides for supply cataloging, supplements, 2932
 motor vehicle—
 safety and labeling regulations, hearings, 1930
 safety standards, establish, report, 8726
 performance of sand under tire loads, WES data, dimensionless consolidation, 4336
 performance of soils under tire loads—
 analysis of tests in sand, 10445
 test in clay, 8865
 pneumatic, single, performance of on wet surface soils, 4341
 used motor vehicle, rebuilding, savings that can be attained, GAO report, 12008
- TIROS** (television infrared observation satellite), *see* Satellites.
- Tissues:**
 elastic recovery principle for expandable airtight, research, 4811
 fractionation and analysis, zonal centrifuges and ancillary systems, development, 15289
 preservation and homotransplantation, USSR study, 4667
 transplantation, excerpts from Russian-language book, 7394
 viable human, processing and storage, 16808
see also Chimeras.
- Titanium:**
 alloy plate and forgings, fracture-toughness, 1355
 alloys—
 fracture toughness characteristics for deep-diving vehicles, 1362
 honeycomb structures, USSR study, 16424
 mechanical and engineering properties, USSR study, 13502
 properties and fabrication, review of Govt. research and development reports, 11093
 properties, treatment and production, USSR studies, 14814
 salt stress corrosion of residually stressed Ti-3Al-1Mo-1V sheet, 7837
 Soviet research, 9187
 treatment and properties, USSR studies, 6204
 aluminum alloys in vacuum, friction, wear, and adhesion characteristics, 4969
 casting, graphite molds for, barrier coatings, investigation, 6538
 crystalline, by sodium reduction of titanium lower chlorides dissolved in sodium chloride, 16572
 fractographic analysis of Ti-7Al-2Cu-1Ta and Ti-6Al-4V fractures developed in wet fatigue, 12423
 ingot and mill products, current industrial reports, 2817
 mineral industry survey, quarterly, 3577
 physical metallurgy, 1283
 sublimation pump produces ultrahigh vacuum, 15118
 Ti-3Al-1Mo-1V sheet, fatigue behavior, 1190
 United States, resources, 13677
- Titanium borides:**
 diborides—
 chemical reactions and bonding in these compounds, 13836
 in pseudobinary system TiB_2 - CrB_2 electrical properties, 1162
 Titanium diborides, *see* Titanium borides.
 Titanium dioxide:
 from Japan, determination of no injury to U.S. industry, 11289
 from West Germany manufactured by Farbenfabriken Bayer, A.G., notification on investigation, 8096
 Titanium oxides, suboxides, USSR physical-chemical studies, 9087
- Titanium suboxides, *see* Titanium oxides.
 Title insurance, purchase on properties acquired in Florida under VA loan guaranty program, GAO review, 12004
 Titran, Robert H., ultrahigh-vacuum creep behavior of columbium and tantalum alloys at 2000° and 2200°F, 4960
 Titration, *see* Volumetric analysis.
 Titrimetry, *see* Volumetric analysis.
 Titulo 1, prestamos para la mejora de la propiedad, 8899
 Titus, James W., analysis of friction torque in simple and preloaded spur gear trains, 6542
 Titus, Joan B., trade designations of plastics and related materials, 8815
- Tobacco:**
 acreage allotments, additional time to file leases—
 law, 11580
 reports, 10222, 11765
 ASCS programs, 6730
 burley—
 acreage-poundage, referendum, 5295
 light air cured, market review, 1965 crop, 13238
 commercial farms, costs and returns—
 Bluegrass area, Ky., 14531
 North Carolina, coastal plain, 10412
 crop summary, 3579
 flue-cured—
 acreage-poundage program, report on operation, 7109
 market review, 1965 crop, 7241
 foreign agriculture circulars, 2987
 import duties in free countries, 1957-65, changes, 8948
 industries, 1965, statistics, 6068
 market review, 1965 crop, fire-cured and dark air-cured, 11836
 products, census of manufactures, industry report, 1702
 program, problems, hearing, 11635
 statistics, 8168
 stocks report, 3581
 tax guide, 863, 2129, 3582, 4572, 7522, 10682, 17744
 tobacco situation (periodical), 3580
 U.S. cigar leaf, changed market, 14540
 U.S. imports and European common market, study, 5680
- Tobago, *see* Trinidad and Tobago.**
- Todd, Frederick H., and wife, relief, 374**
- Todd, James A., Jr., relief, 16035, 17180**
- Todosiev, E. P., human tracking, performance in uncoupled and coupled 2-axis systems, 15045**
- Togliatti, Palmiro, commemorative articles, translations, 976**
- Togo:**
 amity and economic relations, treaty—
 message from the President, 13076
 report, 16001
 gazetteer, official standard names, 13391
 mineral industry, minerals yearbook chapter, 9362
- Toilet articles:**
 census of manufactures, 1963, industry report, 5442
 Federal item identification guides for supply cataloging, supplements, 2939
 trade practice rules for industry, 11960
- Toiletries, *see* Toilet articles.**
- Toinette, Ala., accident, 2141**
- Tokyo, Japan:**
 Foreign Service buildings programs, report, 5637
 U.S. Trade Center, 14783
 Air Conditioners and Dehumidifiers Show, July 22-30, 1965, registered visitors, list, 10021
- Tolbert, Gene E., uraniferous zirconium deposits of Pocos de Caldas Plateau, Brazil, 13395**

- Toledo, Ohio:
 area wage survey, metropolitan area, 10868
 commodity transportation survey, production area series, 9955
 principal electric facilities, map, 7375
- Toler, Raymond M., patent, trademark, industrial design and copyright protection in Australia, 345
- Tolerance (engineering):
 depth indicator and stop aid machining to precise tolerances, 9463
 etching process mills PH 14-8 alloy steel to precise tolerances, 10984
- Tolliver, Wayne E., NIH obligations to institutions of higher education, 12478
- Tolls, relations to Federal-aid highway program hearings, 14440
- Tolson, Robert H., error analysis of weighted least squares process to determine lunar gravitational field, 17923
- Tomatoes:
 color changes and chilling injury at various temperatures, 11356
 controlling tomato diseases, 11350
- Tombstones, civilians who lost their lives aboard U.S.S. *Thresher*, furnish headstones or markers, report, 12970
- Tomlinson, Helen, classification of information topics by clustering interest profiles, 5323
- Tomlinson, Roy E., mourning dove status report, 10538
- Tonan Aija kenkyu (periodical):
 translations, 927, 942
- Tonnage, gross and net, of shelter deck vessels, measurement, provide, hearings, 10335
- Tool kits, special design for heavily garmented workers, 16626
- Toolrooms, layout plates, industrial plant equipment handbook, SS04
- Tools:
 alignment, facilitates pin placement on irregular horizontal surfaces, 16633
 cork is used to make tooling patterns and molds, 13763
 diamond, disposal from national stockpile, hearings, 11643
 portable—
 cleans pipes and tubing, 2394
 removes burrs from pipe and tubing, 1235
 pre-tensions covers prior to lacing, 13737
 separates sleeve-type unions without heat, 11043
 soldering, heats workpieces and applies solder in one operation, 10987
 tool enables proper mating of accelerometer and cable connector, 9498
 woodworking, 12396
see also Cutting tools—Hand tools—Machine tools—Measuring instruments—Power tools—Swaging tools—*also* names of tools.
- Toombs, George L., radiological survey of lower Columbia River in Oregon, Aug. 1963-July 1964, 2537
- Tooth, *see* Teeth.
- Topakas, Emanuel G., relief, 10117, 14340, 16030
- Topographic maps, *see* Maps and charts.
- Topographic surveying, *see* Surveying.
- Topography:
 grouping sites by soil management areas and topography, 13362
 site index of yellow poplar, 17701
 spectrozonal aerial photographs for topographic interpretation, USSR study, 14900
 topographic instructions, 10646
- Topwood volume tables for old-field slash pine plantations, 5987
- Torches, oxygen-hydrogen, use as steam generator, 9460
- Tornadoes:
 assistance for reconstruction of areas damaged in Kansas, hearing, 11792
 general description, 12564
 general information, note, 1538
 keeping tornado watch, 7004
- Toroids:
 calculation of admittance of parallel plate capacitor containing toroid-shaped sample, 13867
 filament wound, use as pneumatic shock absorbers, 15071
 superconducting, magnetic torque, 16771
- Torphy, Daniel E., effects of immersion, recumbency and activity on orthostatic tolerance, 11378
- Torque:
 electromagnetic, on spherical earth satellites in rarefied partially ionized atmosphere, 6471
 friction, in spur gear trains, analysis, 6542
 gravity gradient, effect on motion of spin axis of asymmetric vehicle, 9407
 magnetic, of ideal superconducting toroids, 16771
 requirements for orientation of solar Brayton system in earth orbit, 2427
 shaft, noncontacting transducer measures, 6374
- Torque bolts, *see* Bolts and nuts.
- Torque motors, brushless d.c., final report, 4829
- Torque wrenches, *see* Wrenches.
- Torsion, *see* Strains and stresses.
- Tort claims, *see* Claims.
- Tortricidae, *see* Microlepidoptera.
- Torus elements used in effective shock absorber, 13753
- TOS, 13852
- Totem poles:
 Haida Indians, Saxman, Alaska, colored poster with—
 French text, 15407
 German text, 15405
 Spanish text, 15406, 15408
- Totempfah! der Haida-Indianer Saxman im Staat Alaska, 15405
- Touch, babies touch, taste, and learn, guide for parents, 6771
- Tourism:
 international, air transportation and economic development, important facet of commerce (remarks), 15612
 new directions for promoting international balance of payments (remarks), 17062
- Tourism, *see also* Tourist trade.
- Tourist courts, *see* Motor courts.
- Tourist trade:
 inclusive tours by supplemental air carriers and tour operators, CAB special regulations, 8382, 14288
 outlook (remarks), 354
 plant tours for international visitors to U.S., 6684
- Tourists:
 handicapped, guide to national parks and monuments, 17805
 tour planner maps, travel a new world, *see* U.S.A.—
 German edition, 14062
 Portuguese edition, 14054
see also Visitors.
- Touro Synagogue National Historic Site, general information, 1335
- Towels, current industrial reports, 263
- Tower, Leonard K.:
 desorption kinetics of multiple adsorbates, cesium with fluorine on molybdenum and tungsten, 15187
 erected dipole model in adsorption of cesium on fluorinated molybdenum, 4961

- Towers:**
 airport traffic control, at low-activity airports, savings by use of conventional design, GAO report, 12007
 triangulation, Bilby steel tower, 5529
- Town, Joseph W.:**
 effects of certain mineralogical features on phosphate recovery, 9372
 petrographic and flotation studies on Meade Peak, Idaho, phosphate samples, 9374
- Towns, see Cities and towns.**
- Townsend, Alair A.,** statistics on public institutions for delinquent children, 3947
- Townsend, C. L.,** control of cracking in mass concrete structures, 1451
- Townsend, James C.,** effects of leading-edge bluntness, etc., on laminar boundary-layer separation in hypersonic flow, 6454
- Townshend, Jesse F., jr.,** airman, official journal, 2669
- Toxaphene,** piscicide for fish control, 11977
- Toxicants, see Poisons.**
- Toxicity, see Poisons—Soman.**
- Toxicology:**
 chemicals used in agriculture, USSR symposium, 967
 combined effects of pesticides, USSR study, 920
 information handling, report, 12455
 new industrial chemicals, USSR study, 901
 propellant fuels, boron hydrides, 14188
- Toxicosis, food toxicoses and toxic infections,** 17789
- Toxins, toxic substances used in industry,** effect on living organisms, 1016
see also Anatoxins—Biological products—Endotoxins.
- Toxoplasmosis, intralaboratory infection, 2** cases, USSR study, 6145
- Toya, Theodora, see Bezates, Theodora.**
- Toys:**
 census of manufactures, 1963, industry report, 3906
 market in—
 France, 347
 Italy, 7006
- Trace elements, experimental and clinical medicine, USSR studies, 16396**
- Tracer studies:**
 krypton-85, development as universal tracer, 8289
 radioisotope process control, large volume detectors, evaluation, 8276
- Trachoma, prevalence in Republic of Vietnam, 4628**
- Tracking:**
 Apollo infrared acquisition and tracking system, 16649
 atmospheric, errors at S- and C-band frequencies, 13811
 critical tracking tasks for human pilot, 6430
 human performance in uncoupled and coupled 2-axis systems, 15045
 parameter tracking systems, research, 9425
 satellites, and data acquisition, 7750
 sensitivity of short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271
 system and acoustic ray ship positioning, 6545
 two-coordinate, sampled-data system, human vs filter as data extrapolator, 6543
see also Radar tracking.
- Tracking stations:**
 agreement with—
 Australia, 11265
 Malagasy Republic, 16857
 Spain, 5166
- Tractors:**
 automobile mechanics, apprenticeship standards, 11388
 current industrial reports, 2817
 Federal item identification guides for supply cataloging, supplements, 2932
 production to begin at Pavlodar plant, USSR study, 9152
 USSR industrial development, translations, 3669
- Trade, see Commerce—Retail trade—Service trades—Wholesale trade—also names or classes of commodities.**
- Trade agreements, see Commercial treaties.**
- Trade centers:**
 U.S., Frankfurt, London, Milan, Stockholm, Bangkok, Tokyo, 14783
 U.S., Tokyo, Japan, Air Conditioners and Dehumidifiers Show, July 22-30, 1965, registered visitors, list, 10021
- Trade designations, see Trademarks.**
- Trade Development Corps, establish, hearings, 1929**
- Trade expansion act of 1962, see Commercial treaties.**
- Trade fairs, see Fairs.**
- Trade marks, see Trademarks.**
- Trade missions, U.S. space industry trade mission on European aerospace industry, report, 4576**
- Trade names, see Business names.**
- Trade Negotiations, Office of Special Representative, see Special Representative for Trade Negotiations.**
- Trade policy, see Commercial policy.**
- Trade practices:**
 rules—
 cosmetic and toilet preparations industry, 11960
 proposals, 3424
- Trade unions, see Labor unions.**
- Trademarks:**
 Australia, protection, laws, etc., 345
 code of Federal regulations, 10506
 Colombia, protection, laws, etc., 14326
 decisions, weekly, 3288
 general information, 12445
 index, 11167
 lists in official gazette, 3288
 plastics and related materials, 8815
 publications, price list, 5099
 rules of practice with forms and statutes, 17987
- Trades, see names of trades and types of workmen.**
- Trademan, 3 & 2, Navy training course, 1347**
- Tradewinds project, see Project tradewinds.**
- Trading with the enemy:**
 act, amend—
 law, 17117
 reports, 15921, 16154
 administration of act, investigation—
 extension, report, 10295
 report, 5780
- Traffic:**
 carload waybill statistics, 1963—
 agricultural products, 7532, 7535
 all commodities, 6080
 animals and products, 6081
 commodity classes, 6084
 forest products, 6083
 manufactures and miscellaneous and forwarder traffic, 6082, 7531
 mileage block progressions by commodity groups and classes, 10695
 mine products, 7533, 7536
 international maritime, convention on facilitation, 13086
 police supervision, highway safety action program, brief outline, 11205
 safety act of 1966 (remarks), 10040
 St. Lawrence Seaway report, 8014
see also Air traffic—Safety of life—Transportation.

- Traffic control, interlocking systems, installation, maintenance, and repair, rules, standards, and instructions, 16385
see also Air traffic.
- Traffic decisions, *see* Interstate Commerce Commission.
- Traffic managers, *see* Managers.
- Traffic safety, *see* Safety of life.
- Traffic Safety, President's Committee for, *see* President's Committee for Traffic Safety.
- Traffic signals, *see* Signal systems.
- Traffic signs, *see* Signs (traffic).
- Trafficability:
 - peat as affected by snowpack and surface mosses, 5981
 - tests on confined organic terrain (muskeg), summer 1962 tests, 5890
- Traiblazer, *see* Rockets.
- Trailers:
 - current industrial reports, 2817
 - Federal item identification guides for supply cataloging, supplements, 2932
 - mobile homes, bibliography, 2556
 - truck, current industrial reports, 12723
- Train control devices, installation, maintenance, and repair, rules, standards, and instructions, 16385
- Trainee's guide for communications yeomen, class A, 2489
- Traineeships:
 - grants for advanced training of allied health professions personnel—
 - hearings, 10249, 17591
 - reports, 10225, 15841, 17535
 - professional health personnel under public health program, 5119
- Trainers (devices), *see* Training devices.
- Training:
 - adaptive, computer based, applied to symbolic displays, 11154
 - adult and vocational research, training, and experimental programs, 633
 - Army aviation, prediction of success, 3843
 - automotive service specialist, training course guide, 634
 - cadres, USSR study, 10720
 - civil defense literature, list, 7996
 - Civil Service Commission activities, hearing, 17379
 - compendium of programs, 10018
 - cooking techniques, 7971
 - defense logistics management training catalog, change, 8796
 - economic opportunity act, press reports, 13303
 - educational research program, guidelines, 644
 - enactments by 89th Congress, 1st session, 7227
 - Federal, job training programs, that provide jobs, 7640
 - health service workers—
 - critical challenge, conference proceedings, 14759A
 - job development, 14759
 - health services for mentally retarded, 279
 - how to instruct trainees on job, instructor's guide, 9881
 - Indian teen-agers, technical fields, opportunities, 13425
 - industrial technology, non-credit educational programs, compendium, 10018
 - job training suggestions for women and girls, 2632
 - leadership, career in Office of Education, 17627
 - legislation approved, 7133
 - major programs providing Federal funds for employment and training, 9944
 - manpower development and training act of 1962—
 - absences of trainees in programs, GAO report, 8993
 - amendments of 1966—
 - hearings, 13031, 17592
 - reports, 15906, 17525
- Training—Continued
 - manpower development—continued
 - guidelines for research grants, 16513
 - Lorton Youth Center program, chance on the outside, 11867
 - public assistance recipients, training, 10842
 - trade unions and MDTA, 10845
 - manpower development and training program—
 - act, summary, 4696
 - Chicago, Ill., training facilities, selection, etc., GAO report, 12006
 - comparison of 1963 and 1964, 2283
 - employer's guide to on-the-job training, 1631
 - report of Secretary of Health, Education, and Welfare Department, 9026
 - report of Secretary of Labor, 7646
 - manual for dictionary of occupational titles, 666
 - materials and aids in vocational rehabilitation services, development and use, 9760
 - mentally retarded, design of facilities, 16800
 - needs in correctional institutions, 12197
 - occupational education and training, Federal-State programs, 6768
 - operator course—
 - communications radio teletypewriter, 5365
 - power generator equipment, Army pamphlet, 6838
 - practice effects, knowledge of results and transfer in pitch discrimination, 11155
 - pre-employment, safety guide, 17625
 - programs—
 - Bulgarian, improving for computer equipment, 16507
 - National Institute of Mental Health, general information, 9561
 - psychiatric-mental health trainee stipends for nurses, 11110
 - public health traineeship program awards to individuals, 5102
 - report of Committee on Education and Training, National Citizens' Commission, 1545
 - responsibility for work improvement, 5147
 - service occupations, under manpower development and training act, 7642
 - team training—
 - laboratory research, 12421
 - research in CIO-type environment, 5066
 - training + visits, program for supervisors, guide in employment of the handicapped, 10851
 - unemployment and retraining, annotated bibliography of research, 2285
 - youth, industry practices and policies, 1540
 - see also* Education—Employee training—Job analysis—Military education—Naval education—Vocational education—also subjects.
- Training aids, *see* Training devices.
- Training cards, classroom, extend special 4th class postage rates, hearing, 523
- Training devices:
 - and aids, Federal item identification guides for supply cataloging, supplements, 2940
 - consideration of training functions during design of operational equipment, handbook, 5067
 - electronic trainer by laboratory for sports cybernetics, USSR study, 6164
 - gas hazards trainer, maritime safety data, 16520
 - tactical decision making, functional requirements, 7970
- Training of employees, *see* Employee training.
- Trains, *see* Railroads.

Trajectories:

- above-surface, attenuation of radiation from artificial earth satellites, USSR study, 14890
- aircraft, minimum time between 2 points in range-altitude space, 17882
- data, Earth to Jupiter, Ceres, and Vesta, 9445
- double-conic interplanetary, optimization, 4932
- finite-thrust escape from and capture into circular and elliptic orbits, 16675
- generation of random sample-covariance matrix, 4951
- look-angle-prediction technique for artificial earth satellites, 12431
- low-thrust, propellant requirements, 7895
- Mars, round-trip, minimum propellant consumption for vehicles, 4967
- multistage boost, explicit guidance equations, 4936
- optimization by fast-time repetitive computations, 9529
- separation characteristics resulting from separating 2 vehicles in near-earth orbits, 2406
- simplified calculation of transition matrices for optimal navigation, 11068

Tranquilizing drugs:

- effects on orientation and conditioned defense reflexes, USSR study, 948
- influence of tranquilizer on temperature regulation in man, problems in aviation personnel, 15556
- pharmacologic side effects, 5325
- Trans World Airlines, Inc., emergency board report, 13284

Transducers:

- acceleration-compensated pressure transducer has fast response, 13788
- direct force-measuring, used in blood pressure research, 2376
- electromechanical, bibliography, 6359
- electropneumatic, automatically limits motor current, 7806
- force measuring in vacuum environment, 7807
- loading effects on ultrasonic transit time measurements, evaluating method, 1306
- noncontacting, measures shaft torque, 6374
- noncontacting vibration transducer has constant sensitivity, 4885
- pressure—
 - dynamically tested with sinusoidal pressure generator, 4868
 - transmission system isolates from severe environment, 6390
- special mount improves remote transducer accuracy, 4858
- temperature, has high output, is time stable, 1237
- ultrasonic, phase-locked-loop control for driving, 15174
- vibrating diaphragm pressure transducer, 15082

- Transfer function analysis of fluid contained in longitudinally excited thin-wall cylindrical tank, 16692

- Transfer function approximations for large highly coupled elastic boosters with fuel slosh, 9433

- Transfer of heat, *see* Heat transfer.

Transformations (mathematics):

- derivation of mapping functions for star-shaped regions, supplement, 7721
- kinematic transformations of several mechanisms, 12270
- Laplace-Galois transform in theory of series machines, USSR study, 9154
- Laplace-Galu transformation in theory of sequential devices, USSR study, 10767
- Laplace transforms and radial heat equation, 2361
- unitary, application to 4th order perturbation theory, 9543

Transformations (metallic):

- glass-crystal, nepheline and wollastonite, 10922
- Transformers, *see* Electric transformers.
- Transistorized building blocks for data instrumentation, 13863
- Transistors:
 - base-collector junctions, vapor grown silicon dioxide improves, 6407
 - circuit increases range of logarithmic current amplifier, 13785
 - damage to field-effect transistors under proton bombardments, 17915
 - design effects on radiation resistance, 15075
 - digital clock with serial binary-coded readout, 6765
 - field effect, comparator detects analog signal levels without loading analog device, 11018
 - insulator-holder protects transistors in dense electronic assemblies, 4882
 - leads, jig protects from heat while tinning, 11032
 - metal oxide silicon, protected from damage by wire device, 16639
 - parallel chopper circuit for improved performance, 7772
 - reliability of low-power low-frequency types P13 through P16, USSR study, 6234
 - substituting transistor for diode improves rectifying means, 13733
 - unijunction, electron radiation effects, 13714
- Transit system, *see* Local transit.
- Translating and interpreting, interpreting for deaf people, report of workshop on interpreting, Governor Baxter State School for Deaf, Portland, Maine, 14069
- Translating machines:
 - English machine-grammar, constructing, USSR study, 16448
 - foreign developments, translations, 2154, 2988
 - scientific documentation sponsored by NSF, price list, 7912
- Translations:
 - Cold Regions Research and Engineering Laboratory, 11891
 - cooperation, etc., among information systems, literature review, 11091
 - Joint Publications Research Service, catalog, 13447
 - National Institutes of Health Library—
 - index, 1965 supplement, 13977
 - selected list, 3455
 - price lists, selective bibliography of Government translations, 3989
 - special foreign currency science information program, 1965 list in process, 6978-79
 - technical, National Aeronautics and Space Administration, 1281-86, 2439-48, 4987-5001, 6473-74, 7899-7902, 9545-48, 11082-83, 12374-376, 13849-850, 15203, 16710
 - technical translations, bibliography (periodical), 3574
- Transmission lines, *see* Electric lines.
- Transmission of diseases, *see* Contagion and contagious diseases.
- Transmission study for tandem-rotor shaft-driven heavy-lift helicopters, 138
- Transmissions:
 - phase-front distortion in simulated earth-to-space transmissions, 17942
 - system isolates pressure transducer from severe environment, 6390
- Transmitters:
 - automatic transmission installation for meteorological data, East German study, 1039
 - battery-operated pilot balloon time-signal generator, 17693

INDEX 1966

Transmitters—Continued

- Bod, Rumania, Long Range broadcast, 12147
- radio transmitting set AN/WRT-2, programmed-instruction maintenance course, 13908
- radio transmitting set AN/WRT-2, programmed-instruction maintenance course, 12418
- USSR all-Union scientific session devoted to radio day, 14940

Transonic aerodynamic characteristics of tailless fixed-wing supersonic transport model, 7810

Transonic pressure distributions over protuberances and adjacent areas in proximity to nose of launch vehicle, 7821

Transonic speed *see* Air speed.

Transpiration, plant, 1963 research, 11366

Transplantation (physiology):
bone marrow transplantation, USSR study, 4608

experimental organ and tissue transplantation, excerpts from Russian language book, 7594

human and animal hearts, restoration of contractility and prospects for transplantation, 4996

errata, 7899

tissues, preservation and homotransplantation, USSR study, 4667

Transplants, *see* Grafting (physiology).

Transport aircraft, *see* Aircraft.

Transport airplane, *see* Airplanes.

Transport equations, *see* Equations.

Transport phenomena in ionized gases as initial value problem, 15062

Transport pilots, *see* Aviators.

Transport properties:

- high-temperature gas, evaluation, 17873
- ion exchange membranes, 4553, 17738
- ionizing atomic hydrogen, 9506
- nitrogen-oxygen system, 7851
- products of methane burned in oxygen-enriched air, 17891

Transport vehicles, *see* Vehicles.

Transport Workers Union of America, AFL-CIO, emergency board report, 17628

Transportation:

- air—
 - future for Puerto Rico (address), 3949
 - importance (remarks), 6950
 - improve service, etc. (remarks), 5508
 - industry, 1947-64 indexes of output per employee, 14969
 - military airlift—
 - hearings, 10230
 - special subcommittee report, 10231
 - New England area, improvement needed (address), 8376
 - shipments of agricultural commodities, recent trends and prospective developments, 7286
 - small business, role in industry, hearings, 14412
 - spectacular rise to top of travel market (remarks), 1743
 - supplemental, terms, conditions and limitations of certificates to engage in, economic regulations, 6945, 14284
 - technological improvements (address), 330
 - trends in transport regulation (remarks), 3959
- airlift of National Guard personnel and equipment, operations pamphlet, 1306
- and safety (remarks), 8440
- area system for Northeast Corridor project, description, 8428
- Armed Forces members' deceased dependents at Government expense, amend U.S. Code, report, 1920
- Army regulation, 8232

Transportation—Continued

Bulgarian Scientific Research Institute of Transport, achievements, 13526

census, 1963—

advance and/or preliminary reports, production area series, 6919, 8339-47, 9952-59

commodity transportation survey, commodity groups, 16998

final volumes, 3908, 16998

preliminary report, commodity transportation survey shipper series, 212-222, 3909, 5452-53

publication program, 12703

truck inventory and use survey, 3908

challenge of future development (remarks), 10039

code of Federal regulations, 7415, 10503-504, 11943

commercial air transportation for service personnel on authorized leave, hearings, 17363

Communist China, translations, 3599

coordination of transportation planning and other development programs (remarks), 8437

defense depot transportation and supply procedures, manual, 608

defense traffic management handbook, 607

demands of our Nation (remarks), 4746

Department of Transportation, establish (remarks), 8438

domestic shipping industry, economic effectiveness through improvement of inland waterways, etc. (remarks), 349

economics, monthly comment, 3619

equipment—

census of manufactures, 1963—

industry statistics, 8338

manufacturing plants, location, 15574

except motor vehicles, commodity transportation survey, shipper series, 222

facilities, Tulsa, Okla. (remarks), 1778

Federal agencies, GAO guidance manual, 3015, 10617

foster sound, economical and adequate transportation policies and practices (remarks), 350

future U.S. needs, 6349

grain in southwestern States, 1960-62, by rail and truck, 3771

grain, losses by grain marketing cooperatives, 14143

gravity model for any size urban area, calibrating & testing, 5128

high speed ground—

program (remarks), 10037, 10042

research and development, report, 1918

to Dulles International Airport, etc., study, report, 13153

household goods of Federal employees assigned to isolated duty stations, reimburse—

law, 15706

reports, 503, 8548, 13143

improvement through government planning (remarks), 4018

industry and economic growth (talk), 8443

industry, reviews (remarks), 1775

intermodal, cargo moving in ocean foreign commerce, legal barriers (remarks), 1434

international waterborne, convention of Mar del Plata, 13085

lines—

Atlantic, Gulf, and Pacific Coast, 7330

Great Lakes system, 14574

marine industry, new impetus in containerization (remarks), 4378

marketing and transportation situation, 3183

mass, legislation, hearings, 10329

migratory birds, Alaska, 1966-67, Federal regulations governing, 14673

Transportation—Continued
 Missouri-Kansas compact on public transit for Kansas City area, approval—law, 15766
 reports, 13159, 17223
 motor vehicle accident victims, 5130
 motor vehicles of members of Armed Forces, at Government expense, amend U.S. Code—
 hearing, 14409
 report, 12938
 moving household goods, information for Navy personnel, 11155A
 moving, reasons, Mar. 1962-Mar. 1963, population characteristics, 14271
 National Capital region, District of Columbia, participation in planning, authorize, hearings, 1936
 National Transportation Week program (remarks), 10041
 northeast Corridor project—
 remarks, 12789
 technical paper, 8428
 ocean—
 costs for donated surplus agricultural commodities under titles 2 and 3, agricultural trade development and assistance act of 1954, GAO report, 7472
 freight rates, Action Committee report, 7005
 parochial school students and religious freedom, State laws, 16241
 planning in District of Columbia, hearings, 7131
 privately owned vehicles on foreign-flag vessels, Military Sea Transportation Service, GAO report, 9004
 proposed legislation (remarks), 11522
 publications, price list, 6568
 railroads—
 facilities, Army technical manual, 5373
 telegraph communications, USSR study, 16400
 research and development (remarks), 1776
 research for improvement is government goal (remarks), 5557
 safety, urban congestion and cost reduction (remarks), 4024
 savings through improved utilization of space available on administrative military aircraft, GAO report, 14731
 schedules, urban passenger, compiled on electronic computers, USSR study, 2186
 services at continental U.S. installations, Army technical manuals, 9911, 15521
 Soviet, translations, 3614
 specialized equipment, savings through buying instead of leasing, by Air Force Dept., GAO report, 8989
 statistics in United States, 874, 3620, 4585, 6101, 9059, 10699, 12087
 subsurface methods in deep snow, 8246
 support demands made upon our system (remarks), 4025
 technological advances throughout all modes, 348
 transportation series, Engineer Corps, 7330, 14574
 traveltime period for retirees, discharges, etc., extend—
 law, 17146
 report, 17510
 urban efficiency of street systems and problem of congestion (remarks), 2547
 urban mass transportation amendments of 1966—
 law, 15740
 report, 13183
 USSR, new directions in Soviet economy, 12845
 see also Air carriers—Motor carriers.
 Transportation Corps, Army, transportation services at continental U.S. (CONUS) installations, technical manual, 9911, 15521

Transportation Department:
 create (remarks), 8438, 10040, 15654, 17060
 establish—
 hearings, 8774, 10246, 10346, 11809, 13040, 13212
 message from the President, 5617
 reports, 11634, 12973, 16158, 17291
 Transrotor engine, 17941
 Transuranium elements, development, 25 years after plutonium (remarks), 9934
 Trapped radiation, see Van Allen radiation belts.
 Traps, see Animal traps—Pollen traps.
 Traumas, see Injuries—Radiation injuries.
 Travel:
 allowances—
 employees assigned to Nevada test site of AEC, law, 7047
 uniformed services members, reimburse for cost of parking fees, ferry fares, and bridge, road, and tunnel tolls, reports, 11628, 12922
 Arctic regions, energy cost, 3783
 Army regulation, 8232
 authorizations—
 Public Works Committee, House, reports, 15904-905, 17299
 Veterans' Affairs Committee, House to Philippines and South Vietnam report, 8601
 automotive, by Federal employees, cost reductions through use of Govt.-owned vehicles, GAO report, 14730
 controls, proposals, hearings, 14496
 directions, U.S.A., entry, travel, shopping, etc., 5201
 Dutch edition, 15411
 French edition, 15404
 Spanish edition, 15403
 expenses, rules for deducting from income tax, 2123
 FHA handbook, FHA manual, 13320
 foreign nationals in USSR, regulations governing, 14847
 errata, 17750
 Government employees on official business, time compensation, hearings, 5704
 health information—
 Africa, including Malagasy Republic and neighboring islands, 12470
 Asia, Australia and New Zealand, 6579, 16795
 Europe, 11183
 Mexico, Central and South America, and Caribbean, 11184
 information on U.S.A. for visiting students, 5202
 international, immunization information, 1425
 joint regulations—
 Defense Dept., civilian personnel, 614, 3098
 uniformed services, 1962
 market in Great Britain for travel to U.S., main findings of study, 1527
 new world, see U.S.A., tour planner maps—
 German edition, 14062
 Portuguese edition, 14054
 passenger, between U.S. and foreign countries, 3467, 7505, 12038
 pivotal element in international balance of payments picture (remarks), 17062
 plant tours, international visitors to U.S., 6684
 reemployment leave benefits granted civil service employees, GAO report, 8998
 regulations, Senate, 8790
 right of citizen, study, 17378
 travel a new world, poster series, 14055, 14058, 15405-410
 German text, 14056, 14059
 Portuguese text, 14060
 Spanish text, 14057, 14061

INDEX 1966

- Travel—Continued
triangle, travel agents, airlines and Civil Aeronautics Board (remarks), 15616
trip desire contour chart data preparation, electronic computer program, 5127
veterans, prepayment of certain expenses—
law, 11564
reports, 4086, 11747
see also Air carriers.
- Travel agents, small business role in air transportation agency, hearings, 14442
- Travelers, foreign currencies, instructions on use, 16987
- Traveling wave-masers, *see* Masers.
- Trawlers, Boston large-trawler labor force, economic study, 10528
- Trawls and trawling:
bottom trawling surveys of northeastern Gulf of Alaska, 4406
Cobb pelagic, construction and operation, 4408
- Trays, pole beans, prepackaging, 8129
- Treasury certificates of indebtedness:
4% percent, series A-1966, 5192
5½ percent, series A-1967, 16880
- Treasury Department:
appropriations, 1967—
hearings, 7115, 10322
law, 15699
reports, 8598, 11625, 13122
bulletin, 3622
code of Federal regulations, 7400
daily statement, 2829
decisions—
annual, 6680
weekly report, 3623
department circulars, 5191, 6674, 8100-1, 9746-47, 11295-299, 12546-547, 14047-50, 15393-397, 16877-881, 18131
public debt series, 1512, 5192, 6675, 8102, 14051, 16880-881
exchange service for U.S. government personnel, suspension, GAO report, 810
foreign exchange operations, 7421, 17663
general information, 6681
law enforcement agencies, career opportunities, 5196
management improvement progress report, 2616
policies and practices, bearing, 17368
policies, etc., applied in evaluating foreign source components and barter bids for undersea cable communications system, GAO report, 4506
press releases, 3409
report, 1965—
departmental edition, 12545
document edition, 11598
report on private foundations, written statements by interested individuals and organizations, 1873, 1877
sale of U.S. obligations directly to Federal reserve banks, extend authority—
law, 12821
reports, 11748, 15840, 15845
standard silver dollars held in Treasury, authorize sale to American Cancer Society and American Heart Association, hearings, 14414
- Treasurer of United States financial statements, 1964-65, GAO examination, 17706
use of dollars rather than foreign currencies to pay U.S. expenses in Korea, GAO report, 812
working capital fund, establish, report, 17305
- Treasury notes:
4¼ percent, series D-1967, 1512
4½ percent, series E, 8102, 14051
5 percent, series A-1970, 6675
5½ percent, series A, 16881
payable in foreign currency, report, 17521
- Treaties:
general interest, summary, 89th Congress, 539
in force, list, 6655
treaties and other international agreements, 12540, 14033
admissibility in evidence—
law, 12824
reports, 5656, 16082
Warsaw Pact, role in Soviet bloc affairs, 10351
see also Commercial treaties—North Atlantic treaty—*also* names of countries—*also* subjects.
- Treaties and other international acts series, 1494-1506, 2581-92, 3624, 5156-73, 6640-54, 8068-87, 9725-36, 11261-279, 12525-538, 14032, 15345-374, 16856-868, 18124-126, 18128
- Tree nuts, *see* Nuts.
- Tree planting:
hardwoods in saturated soils, survival and 1st-year growth, 16335
tree planters' notes, 2081, 6000, 8979, 10615
windbreaks for central Great Plains—
established plantings, how to manage, 4491
how to prepare land and plant trees, 4488
new tree plantings, how to maintain, 4489
- Trees:
diameter growth and phenology on sites with high water tables, 2073
evaluating growth performance of young stands, 16324
forest—
Lake States, 1965, improvement research, 10596
nurseries, location, ownership, shipments, etc., 8979
species compared in Ozark plantations, 4460
how a tree grows, poster, 7456
marking system, improves forest spraying operations, 8952
shade and beauty, selection and care, 12603
silvics of forest trees of United States, 29
undesirable, removing from hardwood stands, 10558
windbreaks for central Great Plains—
how to arrange and space, 4487
how to select, 4486
how to use to protect land and crops, 4485
see also Christmas trees—Forest planting—Hardwoods—*also* names of trees.
- Tremaine, Marie, Arctic bibliography, 5841
- Trematodes, *see* Flukes.
- Tremmel, Ernest B., nuclear industry, 1965, report, 165
- Trempealeau Valley, late Pleistocene diatoms, 13409
- Trends in U.S. foreign trade, 10688
- Trent, Eva M., data from system of atmospheric electricity stations, 5070
- Trenton, N.J.:
area wage survey, metropolitan area, 7669
commodity transportation survey, production area series, 8343
- Tress, Jack E., preparation of submicron tungsten powder by hydrogen reduction of tungsten hexachloride, 16580
- Trial by jury, *see* Jury.
- Triamcinolone, effects on corticosteroid levels in parotid fluid, serum, and urine, 9868
- Triangulation, Bilby-steel tower, 5529
- Triassic period, deposits in Aral-Sor super-deep well, USSR study, 4600
- Triatoma, Chagas' disease study in individuals bitten by North American Triatomida, 92

- Trichinosis, how it affects you, your hogs, etc., 6750
 Trichlorides, *see* names of trichlorides.
 Trichloroethane, diffusion rates through some insulation materials, 1380
 Trichloroethylene, flammability characteristics, 9385
 Trichlorophenoxyacetic acid, aerial spraying of low-grade hardwood stands in West Virginia, 10569
 Trichoptera, *see* Flies.
 Tricontinental Conference of African, Asian, and Latin American Peoples, 10358
 Trisnecker, AIC 59C, lunar chart, 8196
 Trigonometry:
 five-figure table of functions, for determining Seebeck coefficients, 12438
 sine function generator as operating circuit, 6366
 Trilobites, new Lower Cambrian trilobite faunule from Taconic sequence of New York, 12506
 Trimethylolpropane, NMR analysis of mixed pentaerythritol dipentaerythritol, and trimethylolpropane esters, 1383
 Trimpi, Robert L., simulation in expansion tubes and tunnels, 12372
 Trinidad and Tobago:
 agricultural production, indices, 7289
 agricultural products, demand, supply, and imports, projected levels to 1975, summary and evaluation, 11865
 economy, basic data, 4011
 Trinity College of Washington, D.C.:
 charter, amend—
 law, 17123
 reports, 15790, 16045
 Trinity River:
 and tributaries, engineer report—
 departmental editions, 673-675
 document editions, 458-460
 Central Valley project, construction, 12495
 Triplehorn, Charles A., revision of *Diaperini* of America north of Mexico with notes on extralimital species (Coleoptera: Tenebrionidae), 1324
 Tripp, Patricia Ann, *see* Paeng, Mi Kyung.
 Trips, *see* Travel.
 Tri-States Construction Co., Inc., relief, 8532, 17420
 Tritium:
 International Conference on Radiocarbon and Tritium Dating, proceedings, 11422
 rainout over United States, 10638
 Troeh, F. R., soil survey report, Gem County area, Idaho, 1477
 Troops, *see* Armed Forces—Army.
 Trophies:
 Armed Forces, award, authorize—
 law, 15712
 reports, 11632, 13175
 National Guard Bureau—
 Eisenhower trophy to outstanding unit of company size, announcement of winners, pamphlet, 5022, 17952
 indoor rifle and pistol matches, postal, announcement of winners, pamphlet, 17951
 National Rifle Association, indoor rifle tournament, announcement of winners, NGB pamphlet, 11101, 17950
 national trophy matches, 1965, official bulletins, 5348
 Tropics:
 hardwoods, solar drying, 16338
 nightglow, seasonal variation, 5019
 Tropidurus torquatus, *see* Lizards.
 Troposphere:
 influence of tropospheric processes on changes in temperature field and circulation in stratosphere, 4994
 investigation of properties of field fluctuations of ultrashort radio waves during propagation, USSR study, 13450
 long-range tropospheric propagation, USSR study, 10723
 Troposphere—Continued
 TIROS IV radiation data, tropospheric water vapor content and surface temperatures, 16606
 transmission loss predictions for tropospheric communication circuits, 13861-862
 Troubadors Drum and Bugle Corps of Bridgeport, Conn., relief, 8459, 8693
 Troubleshooting, communications equipment, 1348
 Trout, Otto F., Jr., water-immersion technique for study of mobility of pressure-suited subject under balanced-gravity conditions, 4900
 Trout:
 dealers, list, 10532
 Gila, Diamond Creek, N. Mex., ecology, 14679
 infectious pancreatic necrosis (IPN) of salmonid fishes, 8940
 Trowbridge, Alexander B.:
 addresses, etc.—
 Nov. 17, 1965, 360
 Nov. 23, 1965, 361
 Dec. 16, 1965, 1780
 Feb. 28, 1966, 5540
 Apr. 18, 1966, 8411
 Troy, N.Y.:
 area wage survey, metropolitan area, 13597
 commodity transportation survey production area series, 9953
 Trucal Coast, *see* Trucial States.
 Trucial Shalkhdoms, *see* Trucial States.
 Trucial States:
 background notes, 1487
 mineral industry, minerals yearbook chapters, 4755, 17846
 Truck mechanics, *see* Mechanics (persons).
 Truck trailers, *see* Trailers.
 Trucking, *see* Motortrucks in freight service.
 Truckmasters, handbook, Army technical manual, 8270
 Trucks:
 automobile mechanics, apprenticeship standards, 11388
 wrecker, medium, 5-ton, 6 x 6, M 543, organizational mechanic/repairman course, Army pamphlet, 5361
 see also Motortrucks.
 Trued, Merlyn N.:
 remarks, Apr. 14, 1966, 8103
 United States official operations in foreign exchange and gold markets, 11304
 Trullio, John G., calculation of two-dimensional turbulent flow fields, 9404
 Truman, Harry S., public papers of the President, 5952
 Trucklines, *see* Air carriers.
 Trust funds, *see* Trusts and trustees.
 Trust Territory of Pacific Islands:
 continue civil government, increase appropriations, reports, 16112, 17249
 High Commissioner, report, 12044
 Micronesia, Peace Corps goes to paradise, 9609
 mineral industry, minerals yearbook chapter, 17845
 Trustees in bankruptcy:
 powers amend bankruptcy act—
 law, 11591
 report, 10285
 referee prohibited from acting—
 law, 10065
 report, 4098
 Trusts (Industrial):
 antitrust factor, relevance to U.S.-Canada relations (remarks), 12790
 antitrust laws—
 administration, investigation—
 authorization, report, 4187
 report, 17461
 subcommittee activities, report, 16100

- Trusts (industrial)—Continued
 antitrust laws—continued
 applicability to bank mergers—
 hearings, 1851, 4126
 law, 7029
 reports, 496, 5635, 5655
 football merger, authorize, reports,
 16156, 17341
 economic concentration, hearings—
 concentration and efficiency, hearings,
 1943
 print additional copies, report, 558
 income tax treatment of treble damage
 payments under antitrust laws, staff
 study, 535
- Trusts and trustees:
 collective investment funds, regulation,
 hearings, 8768
 employee benefit plans, tax exemption
 qualification determination procedures
 under internal revenue code, 14779
 highway trust fund, financial conditions
 and operations, 1965 report, 7062
 joint industry promotional funds, em-
 ployer contributions, hearing, 17590
 legal investments for trust funds in D.C.,
 list, 5858, 14525
 trust indenture act of 1939, releases, SEC,
 3625
 union trust funds, jointly administered,
 broaden permissible uses, hearing, 17590
- Truth-in-packaging act, *see* Packaging.
- Trypanosomiasis, Chagas' disease study in
 individuals bitten by North American
 Triatomina, 92
- Tryptophan pyrrolase, mechanisms of in-
 hibition during endotoxin poisoning, 6797
- Tse-Ta'a, excavations at Tse-Ta'a, Canyon
 de Chelly National Monument, 13875
- Tsiang, Hilda S., relief, 370
- Tsifutis, Argyrios A., relief, 8703, 15685
- Tsinghai Province, agricultural regions in
 mixed agro-pastoral realm, preliminary re-
 search, 12117
- Tsunami (tidal wave):
 ambiguity in determination of velocity of
 propagation of seismic wave from travel-
 time curve, USSR study, 912
 immunity of amplitude criteria of seismic
 wave phase correlation, USSR study,
 14893
 longitudinal seismic waves, dependence of
 absorption coefficient on frequency,
 USSR study, 16444
 seismic sea-wave warning (posters), 5524,
 5536
 seismic waves in real media, USSR study,
 13452
 watch and warning, general information,
 17636
- TSUS, *see* Tariff.
- Tsvetkov, Aleksey I., Soviet scientist, biogra-
 phy, 17796
- Tualatin project:
 construction—
 hearing, 4136
 law, 15763
 reports, 7087, 8567
- Tubbs, Carl H.:
 growth response of seedling yellow birch
 to humus-mineral soil mixtures, 4705
 sugar maple and yellow birch germination
 in upper Michigan, influence of tempera-
 ture, etc., 5983
- Tuberculosis:
 beds in hospitals and sanatoria, index
 13998
 hospitals, questions and answers, 8026
 osteoarticular, treatment, USSR study,
 880
 pattern today, general information, 7994
 reported data, 13990
- Tuberculosis in animals:
 eradication in cooperation with States,
 summary, 3551
 fish mycobacteriosis, 11971
- Tubes:
 adapter assembly prevents damage to tub-
 ing during high pressure tests, 13765
 aluminum oxide filler prevents obstructions
 in tubing during welding, 7781
 assembled tubing, hand tool permits shrink
 sizing, 11031
 bench vise adapter grips tubing securely
 and safely, 6382
 brazed connectors, improved tool easily
 removes, 4840
 circular, prediction of inversion load,
 16685
 columbium and tantalum tubing alloys,
 compatibility with potassium, 9542
 condensation of steam in vertical down-
 flow, local heat-transfer coefficients,
 6466
 cylindrical, free-molecule flow with sur-
 face diffusion, 4962
 discharge, heated-cathode, directed beam
 of high-speed electrons through mercury
 vapors, investigation, 4990
 electrochemical milling removes burrs and
 solders from tubing ends, 13793
 Federal item identification guides for sup-
 ply cataloging, supplements, 2935
 finned tube heat exchangers for Brayton
 cycles in space, 9430
 errata, 10939
 flared-tube fittings, strainer fits inside,
 4881
 foldable, one type, evaluation, 2404
 forming tool improves quality of tubing
 flares, 4838
 fragmentation, theoretical analysis, 9416
 fragmenting, energy-absorption process,
 6442
 heat exchanger with steam condensing in-
 side tubes, 17928
 high pressure coupling requires no threads
 or flares, 12325
 internal flaws detected with portable self-
 powered device, 4865
 mandrel permits uniform welding of out-
 of-round tubing, 13758
 O-ring tube fittings form leakproof seal
 in hydraulic systems, 4857
 portable tool cleans tubing, 2394
 portable tool removes burrs from pipe and
 tubing, 1235
 simple device facilitates inert-gas welding
 of tubes, 9467
 single-tube condenser, mathematical model,
 etc., for dynamic behavior, 11073
 soldering contamination prevented with in-
 sert sleeve, 11030
 split glass tube assures quality in brazing,
 7804
 stainless steel, armored with reinforced
 beryllium, hypervelocity impacts, 13826
 telescoping of instrumentation tubing
 eliminates swaging, 10988
 tubes with various unheated starting
 lengths, local turbulent heat transfer
 for water in entrance regions, 1264
 tungsten tubing joined by nickel brazing,
 4884
 union would facilitate joining of tubing,
 minimize braze contamination, 13747
 unsealed access, accuracy in soil moisture
 readings, 13363
 vidicon, new television camera eliminates,
 10986
see also Expansion tubes—Shock tubes—
also names of metals, etc., of which
 tubes are made.
- Tubes (inner), *see* Inner tubes.
- Tubing, *see* Tubes.
- Tubular structures, *see* Tubes.
- Tucker, Sidney G., portable surfacing for
 U.S. Army pioneer-type runways, labora-
 tory and engineering field tests, 4340
- Tucson Magnetia Observatory, magneto-
 grams and hourly values, 5528

- Tufted textile products, July-Dec. 1965, current industrial reports, 8357
- Tufts University, rheogoniometer, duty-free entry, 17187
- Tugboats:
- inspection, require, hearings, 1863
 - officers, provide for licensing, etc., hearings, 1863
- T'u-jang Chuan-pao (periodical): translations, 16398, 16467
- Tukhachevskiy, Mikhail, army life, USSR biography, 13460
- Tuliptree:
- hand-pollinate yellow-poplar without climbing, 10587
 - yellow-poplar, site index related to soil and topography, 17701
- Tumors:
- bone decalcification and tumor research, USSR study, 4621
 - chronic inflammation and tumorous growth, USSR study, 9064
- Tuna fish, yellowfin tuna fishery in eastern tropical Atlantic, 750
- Tunas, Atlantic, International Convention for Conservation, *see* International Convention for Conservation of Atlantic Tunas.
- Tungstates, *see* Ferrous tungstate.
- Tungsten:
- alloys—
 - dilute rhenium, mechanical properties, 16654
 - solid-solution and carbide-strengthened arc-melted, mechanical properties, 6434
 - arc-melted, influence of boron additions on physical and mechanical properties, 4973
 - cesium with fluorine, desorption kinetics, 15187
 - cobalt alloys, vapor deposition, 2355
 - corrosion properties, 4796
 - electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites, 15183
 - electrolyte life in winning from scheelite, 12259
 - electron-beam-melted—
 - compared with arc-melted, mechanical properties, etc., 4966
 - effect of alloying on grain refinement, 13835
 - electron bombardment heating, effects on tensile properties, 1371
 - electrowinning in halide and phosphate electrolytes, 7711
 - fabrication of seamless tungsten and tungsten-rhenium tubing, 11428
 - heated die facilitates tungsten forming, 6373
 - high temperature protective coatings for tungsten, 1295
 - influence of grain orientation on friction characteristics, 4970
 - low-density powder billets, high-energy-rate extrusion, 16574
 - mineral industry survey, monthly, 3626
 - molybdenum alloys, vapor deposition, 17862
 - powder metallurgy, 1199
 - recovery from low-grade concentrates by amine solvent extraction, 17854
 - solid and porous, thermal properties, 7727
 - submicron powder, preparation by hydrogen reduction of tungsten hexachloride, 16580
 - tensile behavior of crystals with rhenium in dilute solid solution, 4937
 - vapor deposited, effect of certain process variables, 6321
 - wire and tubing joined by nickel brazing, 4884
 - wire, stress-rupture properties, 12349
- Tunisia:
- agricultural commodities, agreements, 6643, 15355
 - labor law and practice, 4714
 - mineral industry, minerals yearbook chapter, 2345
- Tunnel diodes, *see* Diodes.
- Tunnels, expansion, simulation, theoretical investigation, 12372
- Tupes, Ernest C.: establishing USAF recruiting service group enlistment objectives, etc., 6807
- rate differences in officer effectiveness reports, 90
- Turanov, N.M., director, Central Dermatovenereology Scientific Research Institute, USSR, activities in scientific field, 9185
- Turbine fuel, aviation turbine fuels, 1965, petroleum products survey, 7704
- Turbines:
- and components, Federal item identification guides for supply cataloging supplements, 2932
 - auxiliary equipment of steam turbine power stations, USSR study, 4641
 - axial-flow turbomachine blade rows, through-flow solution, 4820
 - census of manufactures, 1963, industry statistics, 8335
 - coolant flow, effect on Brayton-cycle space-power system performance, 12354
 - cooling and coolants, bibliography, 3989
 - gas, MB-5 aircraft firefighting and rescue vehicle powered, 6539
 - gas turbine engines, foreign object damage, Air Force manual, 5300
 - hydraulic turbine industry, price indexes for materials, quarterly, 3058
 - hydraulic turbine operations, index of hourly earnings, selected establishments, 3056
 - oxidizer pump-drive for turbine rocket engine—
 - cold-air performance evaluation, 7881
 - performance evaluation, 6457
 - plant, labor turnover at Kaluga, USSR, 17773
 - power station equipment, increasing operating period between repairs, USSR study, 1030
 - radial inflow, designed for Brayton cycle space power—
 - cold performance evaluation, 4977
 - generation system, performance evaluation, 4898
 - rotor blades, simple key locks, 4860
 - single-engine helicopters, engine failure protective warning systems, 3838
 - VK-100-2 LMZ, modernization results, USSR study, 2227
- Turbojet aircraft, *see* Airplanes.
- Turbojet engines, *see* Engines (aircraft).
- Turbomachines, *see* Turbines.
- Turbulence:
- atmospheric—
 - central Asia, USSR study, 1004
 - experimental measurement of optical angular deviation, cause, 11065
 - papers, 1536
 - research, USSR study, 16462
 - boundary layers, pressure fluctuations, 4915
 - coaxial mixing of dissimilar gases at nearly equal stream velocities, data comparisons and photographic observations, 2418
 - doppler radar measurements in precipitation, 16412
 - in-flight, accidents involving U.S. air carriers, 1742
 - measurements, in conical nozzle with controlled inlet velocity profile, 7822
 - errata, 17911
 - transient flow of hydrogen in laminar-turbulent region, 15200
 - wake turbulence of aircraft, advisory circular, 2011

- Turbulent flow, *see* Flow.
 Turf, *see* Sod.
 Turk, Raymond A., pressure measurements on rigid model ballute decelerator, 13841
 Turkey :
 background notes, 9717
 classes and class struggle, USSR study, 14898
 contemporary, Soviet view, 14839
 cotton, production, etc., 16319
 domestic policy, 1960-63, Soviet survey, 7607
 extension of loan of vessels, agreement, 12535
 hedgehogs and shrews, 1325
 loan of destroyers, law, 426
 mineral industry, minerals yearbook chapter, 6308
 political and sociological changes, 7568
 socialize health services, 4607
 Turkeys :
 breeder hens, 1966 hatching season intentions, 2596
 farm production, etc., 14040
 homemakers' opinions and preferences, 14141
 industry, contracting and other integrating arrangements, 49
 national improvement plan—
 distribution by States and varieties, 3729
 hatcheries, dealers, and independent flocks, participants, 6712
 hatchery and flock participation, tables, 1575
 performance tests, 3730
 number raised, 1966 intentions, etc., 6665
 tested by official State agencies, monthly report, 3627
 Turkish language, Foreign Service Institute, basic course, 12539
 Turkmen Soviet Socialist Republic :
 Academy of Sciences, annual meeting, 14894
 anti-religious motifs in folklore, 13510
 Turnage, Gerald W., performance of soils under tire loads, analysis of tests in sand from Sept. 1962-Nov. 1963, 10445
 Turner, Charles A., relief, 4080
 Turner, J. F., jr., evaporation study in humid region, Lake Michie, N.C., 16359
 Turner, John, oil and gas lease, reinstate, 17089
 Turner, L. Richard, inverse of Vandermonde matrix with applications, 13843
 Turner, Norman C., accident, 872
 Turney, George E., hydrogen gas flowing in heated tube, 9514
 Turnover of labor, *see* Labor turnover
 Turpentine, *see* Naval stores
 Turrets, lathe cutting-tool alignment made easy by tool post modification, 11000
 Tusa, Leonardo, relief, 8516, 12811, 13111
 Tutter's Neck, excavations in James City County, Va., 12397
 Tuttle, Donald R. curriculum patterns in English, undergraduate requirements for English major, 637
 TV, *see* Television
 TVA, *see* Tennessee Valley Authority
 Twenty years after, appeal for renewal of international economic cooperation on grand scale, 14377
 20 years of school lunch, 9833
 Twiford, Don D., inservice education for school counselors, 647
 Twin Cities, *see* Minneapolis, Minn.—St. Paul, Minn.
 Twining, Carl R., promotional activities of agricultural groups, 1590
 Two-body problem, cartesian coordinates and partial derivatives, computation, 16589
 2,4,5-T, *see* Trichlorophenoxyacetic acid
 Tykocinski, Wladyslaw, testimony, hearing, 15995
 Tyndale, Harry J., aerospace safety, 2645
 Tyndes, William O., effects on concrete quality of fluctuations, within specification limits, in coarse aggregate grading, 7338
 Typewriters, current industrial reports, 2817, 6923
 Typhoons, and hurricanes, areas subject to, design criteria for facilities, Army technical manual, 12661
 Typists :
 employment outlook, 9279
 examination announcements, 9999, 17047
 amendments, 6971, 10000
 examination, sample questions, 17046
 opportunities in State Department, 8067
 Tyson, Carolyn A., chronology of Marine Corps, 10896
- ## U
- U.S.A.P.R.O., *see* Army Personnel Research Office.
 U.S. Antarctic Projects Officer, bulletin, 2712
 U.S.D.A., *see* Agriculture Department.
 U.S. Government research & development reports, semi-monthly journal, 12760
 U.S.I.A., *see* United States Information Agency.
 U.S. National Commission for UNESCO newsletter, 3632
 U.S.S.R., *see* Union of Soviet Socialist Republics.
 U.S.T.S. colored poster series, 14055-61, 15405, 410
 Ubieta, Victor M., relief, 17068
 Udall, Stewart L. :
 addresses, etc.—
 Nov. 10, 1965, 845
 Mar. 1, 1966, 6062
 Mar. 22, 1966, 10669
 May 21, 1966, 10665
 May 30, 1966, 10668
 June 10, 1966, 10667
 July 19, 1966, 13434
 Aug. 10, 1966, 13429
 Sept. 6, 1966, 14768
 Udell, Gilman G. :
 home owners' loan acts and housing acts, 4042
 laws relating to vocational education and agricultural extension work, compilation, 12847
 UFO, *see* Unidentified flying objects.
 Uganda :
 agricultural commodities, agreement, 15357
 background notes, 1488
 economy, basic data, 11513
 foreign trade regulations, 15646
 market for U.S. products, 12059
 mineral industry, minerals yearbook chapter, 7695
 UH-1, *see* Helicopters.
 UH-1D, *see* Helicopters.
 UHF (ultrahigh frequency) radar, *see* Radar.
 Uinta National Forest, acquisition of certain lands within boundaries by Secretary of Agriculture, hearings, 4118
 Ukrainian Soviet Socialist Republic :
 Academy of Sciences—
 cybernetics, research, 7632
 general meeting, 12166
 news, 994
 Communist Party, history, 6219
 computers, resources and allocation, 12095
 cultural relations, maintenance with Ukrainians living abroad, 4593
 Donetsk Botanical Garden, construction, 1046
 internationalist education, 4613
 literary figures, repressions against, 12097
 motion picture, shades of forgotten ancestors, comments, 9063

Ukrainian Soviet Socialist Republic—Con-
nationalist emigres denounced as enemies
of the people, 2193
Nazi collaborators, thinning ranks, 6245
Odesskaya oblast, centralized industrial
administration, 9131
pharmaceutics, development, 6244
rights of Ukrainian minorities in Commu-
nist areas outside Ukrainian SSR, ap-
peal, 2171
role in current history, 7610, 9085
Scientific Research Institute of Special
Steels, Alloys and Ferroalloys, poor re-
search management, 16405
suspected murder of antibolshevik Ukrain-
ian Kazimir S. Dzhusalo, 7611
western propaganda and the Ukraine, 4629
UkrSSR, *see* Ukrainian Soviet Socialist Re-
public.
Ulcers, peptic, general information, 6580
Ullstrup, A. J., corn diseases in U.S., 12592
Ultrashort waves, *see* Radio waves.
Ultrasonic cleaning restores depth-type
filters, 17375
Ultrasonic recording scanner used for non-
destructive weld inspection, 11014
Ultrasonics, *see* Sound.
Ultrasound, *see* Sound.
Ultraviolet rays:
plastic scintillator converts photomulti-
plier to ultraviolet range, 6410
thin carbon film serves as UV bandpass
filter, 6386
ultraviolet photographic pyrometer used
in rocket exhaust analysis, 6408
uniform vacuum ultraviolet reflecting
coatings on large surfaces, 7873
Ulvedal, Frode, testicular function in roos-
ters and mice exposed to increased partial
pressure of oxygen, 12631
Umatilla, Oreg., relief, report, 15889
Umbel, manganese extraction from Georgia
ore, 1163
UN, *see* United Nations.
Un-American activities:
assistance to enemies of U.S. in undeclared
war, make punishable, hearings, 15994
curb terrorist organizations—
hearings, 17396
report, 17352
internal security and subversion, princi-
pal State laws and cases, study, 581
see also Communism.
Un-American Activities Commitee, House:
annual report, 15895
committee print, 1871
expenditures, authorizing, report, 5640
hearings, 4148, 5710, 15994-995, 17396
reports, 4092-97, 5652, 17339-340, 17352
rules of procedure, 1870
Under sea vehicles for oceanography, 4365
Underdeveloped areas:
economic development (periodical), 2873
termination of designation of certain coun-
tries as less developed countries for pur-
poses of interest equalization tax, mes-
sage from the President, 4069
Undergraduate work, *see* Colleges and uni-
versities.
Undergraduates, *see* Students.
Underground construction:
North American Air Defense Command,
Cheyenne Mountain, Colo., 13679
pipeline, new transport vehicles for con-
struction, USSR study, 12109
Underground temperatures and heat flow in
East Tintic district, Utah, 4521
Underwater research, *see* Hydro-optics—
Oceanography.
Underwear:
knit, current industrial reports, 2818
women's and children's, census of manu-
factures, 1963, industry statistics, 8330
Undulant fever, *see* Brucellosis.

Unemployed:
area redevelopment program (address),
7271
area trends in employment and unemploy-
ment, 2687
creating jobs for long-term unemployed
(remarks), 12795
EDA programs to solve unemployment
(address), 15639
Federal Government actions to assure
equality of opportunity, training, and
employment for all (address), 16511
Federal unemployment tax act in Internal
revenue code of 1954, amend, 533, 4217
human resources development program
(address), 1078
labor force monthly report, 3218
manpower development and training act—
amendments of 1966—
hearings, 13031, 17592
reports, 15906, 17525
as amended, summary, 4696
research and training, report, 7646
manpower requirements and supply of la-
bor, productivity trends and unemploy-
ment (address), 6272
mid-decade census, take in 1966 and 1975,
etc., report, 481
Negro problem (remarks), 10398
parents, provide aid for dependent chil-
dren in D.C. report, 544
structural unemployment in United States,
seminar on manpower policy and pro-
gram, 4700
unemployed-parent segment of aid to fam-
ilies with dependent children, 3633
unemployment and labor force, 2881
unemployment and retraining, annotated
bibliography of research, 2285
youth, Oak Glen training camp, 14961
Unemployment, *see* Unemployed.
Unemployment compensation, *see* Unemploy-
ment insurance.
Unemployment insurance:
benefit series service, 2703
claims, 3634
employer's tax guide, 854
employment security amendments of 1965,
hearings, 534, 1876, 7169
Federal unemployment compensation
statutes, amend, proposal, 533, 4217
financing supplemental unemployment
benefit plans, 12215
program, extend benefits, etc.—
amendments recommended by Labor De-
partment, 16181
comparison of House and Senate ver-
sions, 13206
data relating to House bill, 13207
hearings, 13209
messages from the President, excerpts,
533, 4217
reports, 11633, 13182, 15842
publications, price list, 7986
social administration adviser, examina-
tion, announcement, 10001
State laws—
comparison, 4324, 17629
employment and wages of workers cov-
ered, 2882
State salary ranges of positions in employ-
ment security, etc., 836, 10657
unemployment compensation bills, com-
parison, 11691
unemployment insurance review (periodi-
cal), 3635
UNESCO, *see* United Nations Educational,
Scientific, and Cultural Organization.
Unger, Jeanne, weight at birth and survival
of newborn, early 1950, 1442
Ungvarl, Anna, relief, 1907
UNICEF Day, *see* National UNICEF Day.
Unidentified flying objects, sightings, inves-
tigation, hearing, 7124
Unified Action Armed Forces (UNAAF),
9061

INDEX 1966

- Uniform crime reporting handbook, 13311
 Uniformed services, *see* Armed Forces—Pay, allowances, etc.
 Uniforms:
 American soldier, 1863–1963, posters, 3812
 Marine Corps, regulations, 13656
 postal employees, savings available if items are furnished in lieu of allowances, GAO report, 16350
 Trombadors Drum and Bugle Corps, refund of duties, 8459, 8693
 Union County, Tenn., geology and mineral deposits of Powell River area, 13400
 Union of Soviet Socialist Republics:
 Academy of Medical Sciences—
 1965 elections, 6184
 vestnik (periodical), 3682
 Academy of Sciences—
 Department of Technical Sciences, technical cybernetics, news, 1035, 2221, 6213, 10811
 general meeting, 6236, 16447
 recent activities, 944
 recent developments, 6210
 seagoing research vessels, 6165
 vestnik, translations, 7549, 12173, 14792, 14935
 acclimatization of fish and food organisms in seas, 2223
 activities of foreign societies of friendship, 10807
 agricultural science developments, 6191
 agricultural situation, 7290
 midyear review, 14545
 agriculture, translations, 3612
 All-Union Botanical Society, 50 years, 2268
 All-Union Central Council of Trade Unions, recent congress, 2237
 all-Union conferences and congresses—
 aerospace medicine, 14945
 automatic control, technical cybernetics, 2169
 bionics, 13496
 electric contacts, 4987
 geographic aspects of illumination, works, 6109
 mathematical optimal programming, 1071
 oncologists, 13552, 16417
 physio- and health-resort therapists, 14914
 physiotherapists and health-resort scientists, in Baku, 16459
 regeneration and cell division, endocrinological research, 7585
 scientific and technical, quality control and nondestructive testing, 12139
 space research, transactions on space physics, 9545
 surgeons, 28th convention proceedings, 6150
 symposium on wave diffraction, 3d, abstracts of reports, 2209
 All-Union Group Isotope, 1965, catalog of instruments using nuclear sources, etc., 11415
 All-Union Physiological Society imeni I. P. Pavlov, congress, abstracts and summaries of reports, 13542
 All-Union Scientific-Research Institute of Railway Hygiene, report on laboratories, 16391
 all-Union scientific session devoted to radio day, section on—
 antennas, 13560
 cybernetics, 13520
 electronic computer techniques, 13538
 electronics, 14831
 general radio engineering, 14942
 microelectronics, 13574
 propagation of radio waves, 14829
 quantum electronics, 14838
 radio broadcasting, electroacoustics and sound recording, 14937
 Union of Soviet Socialist Republics—Con. all-Union scientific session devoted to radio day, section on—Continued
 radio measurements, 14938
 radio receivers and amplifiers, 14941
 radio transmitters, 14940
 semiconductor devices, 14828
 telemechanics, 14816
 television, 14939
 theory and techniques of transmitting discrete signals, 14830
 theory of information, 13562
 waveguides, 13561
 wire communications, 14936
 All-Union Society of Oncologists Board, report on 1958–65 activities, resolution of Council of Scientific Medical Societies Presidium, 10737
 aluminum alloy research, 16461
 annual inventory of uninstalled equipment, revised, etc., 2203
 Antarctic expedition, 1960–62, description and scientific results, 10818
 Antarctic expeditions, organization of medical service for members, 6108
 Antartica, aerial-photographic, topographic-geodetic and cartographic work, 14866
 atheism, promoting among children, 16392
 atheistic work in sphere of religious emotions, 937
 authors—
 condemnation, 6103
 trial, remarks by Western critics, 9084
 automated production control systems, developments, 16399
 automatic instruments and equipment, production, 14928
 background notes, 8054
 biological science news, 16451
 biology, old and new dogmas, 1002
 biomedical institutions, directory, notice, 2464
 bonus fund for workers, 4668
 botanists, biographies, 10714
 camouflage techniques survey, 13495
 capital investment structure, 955
 Caspian depression, structure of southeastern margin, 14806
 Central Dermatovenereology Scientific Research Institute, director N. M. Turanov, activities in scientific field, 9185
 central rayon hospital management, 7586
 changes in higher education proposed, 17781
 China boundary study, 8065
 chronicle of heroic achievements of people, 2161
 city in far north aims for healthier working conditions, 17769
 civil defense duties of population and rules of conduct under conditions created by enemy attack, 886
 classification table, some principal divisions, 14878
 clinical medicine studies, 12177
 communications—
 herald (periodical), 3039
 research with dolphins, 14957
 translations, 3615
 Communist Party and coalition governments, study, 8783
 conferences, congresses, etc.—
 cybernetics, 4631, 6159, 6188
 material science and metallurgy, 10735
 materials engineering, conferences, 16428
 metallurgy and welding, 4684
 programmed instruction, 16504
 scientific conferences, 7564, 10727
 space medicine, papers, 946
 surgeons, 6185
 welding, 17792
 construction and building materials industry, translations, 3613
 consumer goods and domestic trade, translations, 3616

- Union of Soviet Socialist Republics—Con-
 controversy over recent developments in
 economic theory, 10777
- Cornelius Ryan's last battle (book)—
 commentary on, 13494
 reviews by colonel, 14925
- cotton production, etc., addendum, 14159
- Council of Ministers—
 decree on further improvement of system
 for raising qualifications of key per-
 sonnel of kolkhozes, etc., 6214
 grants direct banking credit to
 kolkhozes, 6140
- criticism of institutes, 7574
- critique of Anglo-American oil interests,
 17771
- cybernetics—
 and medicine, 6197
- cybernetics—
 institutes, news, 6218
 new books, 2262
 news, 1045, 2235, 6179, 13519
- data processing systems in industry,
 10790
- dialectology, 7600
- dust control in coal mines, theory and
 practice, 12143
- earth sciences—
 conferences, 13583
 studies, 2219
- earthquakes during 1963, 13492
- easteru regions, coordinating conference
 on study of earth's crust and upper
 mantle, 14803
- economic cooperation, Soviet-Indonesian,
 6176
- economic incentive for technical progress,
 conference, 9101
- economic reforms, significance, 6171
- economic system—
 new, conversion to, 10824
 translations—
 current developments, 3525
 structure and policy, 3526
- economics, automation and control, 12093
- economy—
 basic data, 8430
 new directions, 12843-846, 14372
 planning under new administrative
 conditions, 9121
 where is Soviet Union going after re-
 organization? 7605
- education—
 evening and correspondence study, 650
 public, administration, 13513
 recent official decrees, 10786
- educational and scientific organizations,
 activities, 16414
- electric power, translations, 3617
- electron beam technology, 16440
- endocrine mechanisms research, 7571
- Exhibition of National Economic Achieve-
 ments, information and data-processing
 equipment, 2272
- financing capital construction, rules, 1041
- fisheries and related services, bibliographic
 guide, 10706
- fishing industry, 1966-70, plan, 2148
- flight of Kosmos-110, physiological re-
 search of effects on test dogs, 12138
- foreign exploitation of Iranian oil re-
 sources criticized, 9090
- foreign trade, 1964, statistical review,
 6133
- French-Russian relations, *Le Monde* dis-
 cussion, 2170
- genetics, scientific truth and development,
 986
- geodesy and cartography studies, 6166
- geological research and conferences, news,
 6215
- geology and geophysics studies, 4683
- grain imports, 626
- hematogenic service, present and future
 development, 16443
- hematologic service, 13516
- Union of Soviet Socialist Republics—Con.
 higher mental functions in Soviet psychol-
 ogy, theory of development, 16479
- history, methodological advice to propa-
 gandists, 7573
- hydrobiologists, training, 17772
- hydrometeorological service, scientific
 work at institutes, 14873
- hygiene and sanitation studies, 6152
- hypodynamia experiment, 2228
- industrial development—
 automotive industry, 3658
 chemical industry, 3659
 chemical machine building, 3660
 construction machinery, 3661
 electrical equipment, 3662
 ferrous metallurgy, 3663
 general information, 3656
 machine industries, 3657
 metalworking equipment, 3664
 nonferrous metallurgy, 3665
 power machinery, 3666
 precision equipment, 3667
 regional economy, 3668
 tractors and agricultural machinery,
 3669
- infectious diseases, treatment, etc., 17752
- institute of cryology needed, 991
- Institute of Scientific Organization of
 Labor (INOT), activities, 9124
- instrument building and control systems
 progress, 16393
- international economic relations, 3670
- International Hydrological Decade, pro-
 gram activities, 9170
- Islam—
 critique on, 14947
 customs, 6127
 entry on Islam in great Soviet encyclo-
 pedia, 10791
 in USSR, 6226
- Kosmos-110 flight, notes, 13148
- Krivosog Mining Institute, disagree-
 ment among scientists, 16395
- Kurdish people, religious beliefs, 14801
- labor, 3618
- labor conditions, 12224
- labor developments, 16528
- large-scale machine production, trends,
 966
- Lenin prizes—
 mathematics, winner, Nikolya V. Yefi-
 mov, 14881
 science and technology, 1966, recipients,
 9172
- life scientists, biographies, 13476
- medical chemistry studies, 9073
- medical industry—
 enterprises, administrative changes an-
 ticipated, 6123
 present conditions, 6141
 translations, 10749, 10757, 10760
- medical radiology, research, 14931
- medico-biological faculty, 2151
- metal rolling technology, 14946
- metallurgical institute criticized for poor
 management, 17766
- metallurgy studies, 6177
- meteorology and hydrology studies, 4671,
 10797
- meteorology and oceanography, studies,
 10789
- meteorology, recent literature, 14870
- military translations, 3527
- Mine Surveying Institute, facilities and
 equipment developed, 16485
- mineral industry, minerals yearbook chap-
 ter, 4780
- Ministry of Higher and Secondary Spe-
 cialized Education—
 bulletin, articles, 6118
 3 recent orders, 7566
- minorities, Ukrainian emigre press com-
 ments, 6170
- murder and kidnaping as instrument of
 policy, hearing, 583

Union of Soviet Socialist Republics—Con.
navigational aids in civil aviation, 13456
neuropathologists and psychiatrists, news,
10703
new regional foundries, 12121
northern, sailing directions, change, 2480,
9578
oblast department of health and oblast hos-
pital, organization of work, 908
oceanographic studies, Russian-Cuban,
16489
oceanography, recent developments, 6117
oceanological research laws, 16430
oncological research at Budapest insti-
tutes, Soviet report, 17767
organic chemistry institutions visited by
Hungarian scientist, 9105
overcoming of religious vestiges, 17774
Palestine problem, report, 17793
physiological research, 9109
physiology, medicine, and technical prog-
ress, 2155
physiology studies, 7637, 12134
pipe production, 13501
political science, theoretical articles, 2257
present-day Catholic social doctrine vis-a-
vis working class, 16509
price determination, 6181
price formation during 1953-63 decade,
4656
programmed learning and teaching ma-
chines, developments, 9171
programmed teaching, 14955
psychology, goals and achievements, 14919
public and private property, theory and
practice, 9150
public health, 4618
expenditures, 17763
services in rural regions, 7557
railway, improvement, suggestions and
proposals, 14819
rebellion in Russia's Europe, fact and
fiction, 585
reform of economics teaching in Volgograd
higher educational institutions, 13527
religion and ideology problems, 13586
religion and the church, government at-
titude, 7601
research, advanced, new academic city in
Siberia is focus, 16458
research, 1956-66, in Antarctica, 16445
resolution of presidium of Supreme Soviet
USSR on naming and renaming places
and organizations, 950
response to western views on price forma-
tion, 10783
responsibility and rights of higher schools,
7579
Russian students in South America, 9140
sanitary classification of industries and
minimum protective zones, 9123
science—
achievements, 13536
current problems, 10798
education, news, 12146
news, 2274, 4588, 4625, 4672, 6194,
7563, 7618, 10785, 10826
probes, by French journalist, 14817
science and scientific organizations,
news, 13580
statements, 10817
scientific abstracts, 3671-77
scientific organizations, news, 14818,
14826
scientific press, criticism, 14927
scientific publications, decimal classifica-
tion system, 12092
scientific research for economic develop-
ment, expansion, 14897
scientific research institutions, news, 13555
scientists—
activities, 16432
and scientific organizations—
news, 13499, 13579
work, 17777

Union of Soviet Socialist Republics—Con.
scientists—continued
biographies, 10776
create laboratory pressures of up to 10
million atmospheres, 13506
in Denmark, 13521
Tsvetkov, Aleksey I. and Gordeyev,
Nikolay P., biographies, 17796
shipbuilding in 1966, 9092
social science—
in secondary schools, syllabus of new
course, 14564
research studies, current lists, 2576,
11247
socialist pledges of workers in ministry
of power engineering and electrification
for 1966, 13491
socialist state industrial enterprise, stat-
ute, 890
Soviet clergyman attacks U.S. action in
Dominican Republic, 14904
Soviet public health (periodical), transla-
tions, 9188, 12111, 12162, 12172
Soviets and the seas, report of U.S. con-
gressional delegation, report, 12988
space age, exploration of moon, 17761
space flight of Belyaev and Leonov, 6227
space program, developments, 14885
space treaty proposals by United States
and USSR, 13189
space vehicle Voskhod, superior technical
features, 14863
state statistics under new conditions,
12126
student science societies, role, 16394
students, teaching methods used to form
firm atheistic convictions, 12114
study of Man nationality of Vietnam,
17778
surgeons, biographies, 10738
survey of domestic policy in Turkey,
1960-63, after military revolution, 7607
synthetic electromechanical cardiology,
book excerpts, 10823
teaching machines, use in higher schools,
13465
textbooks for schools, 14565
theoretical questions concerning Soviet
State, 10736
39th Army in Khingan-Mukden operation,
1945, 1065
titanium alloys, mechanical and engineer-
ing properties, 13502
toxic chemicals used in agriculture, 2229
transfusion reactions and γ -globulin prop-
erties, research, 10752
transportation, translations, 3614
travel of foreign nationals, regulations
governing, 14847, 17750
U.S. trade relations, report to the Presi-
dent by special committee, 9718
unforgettable days, World War II remi-
niscences, 10722
university laboratories, better utilization,
16420
view of contemporary Turkey, 14839
views of US anti-Communism, 17758
wages and production cost in machine
building, 2177
weather satellites, views and develop-
ments, 14883
wheat, strong and durum, principal varie-
ties, 1009
winners of 1965 Mendeleyev Society prizes
in chemistry, 14930
zoology—
recent developments, 6178
recent studies, 6175
Zyryanov, Col Gen, chief of Border Forces,
interview, 12120
Union Pacific R.R., accidents, 2139, 12072,
12080
Union wages, *see* Wages
Unions, *see* Credit unions—Fishermen's and
fish shore workers' unions—Labor unions.

Unions (brass and bronze) :
 facilitate joining of tubing, minimize braze contamination, 13747
 Unions (iron and steel) :
 facilitate joining of tubing, minimize braze contamination, 13747
 Unique gear design provides self-lubrication, 2385
 Unit heaters, current industrial reports, 2818, 12715
 Unit safety management, 6841
 United Air Lines, Inc. :
 accident, 11486
 emergency board report, 13284
 United Arab Republic (Egypt) :
 agrarian reforms and agricultural development, Soviet review, 16416
 agricultural commodities, agreement, 11267-268
 foreign trade regulations, 17055
 Libya boundary, study, S062
 mineral industry minerals yearbook chapter, 4781, 17849
 organization of medical services to rural population, 7554
 United Federation of Postal Clerks, AFL-CIO, agreement with Post Office Department, 16779
 United Kingdom of Great Britain and Northern Ireland, see Great Britain.
 United Nations :
 action agency for peace and progress, 18120
 ceremonies marking deposit of United States' instrument of ratification of Asian Development Bank (remarks), 15400
 conference on law of the sea, convention on fishing and conservation of living resources of high seas, 12527
 financial situation, controversy over peace-keeping operations, report and hearings, 10181, 10243
 Food and Agriculture Organization constitution, amendments and text, 12533
 fresh look (address), 11259
 General Assembly, 20th session, report of Congressional delegates, 7104
 headquarters, agreement, 9734
 peacekeeping forces, use in Middle East, Congo, and Cyprus, 5693
 rededication to principles, expressing sense of Congress, report, 11655
 United States participation, report—
 departmental edition, 6637
 document edition, 5598
 world population conference, Belgrade, 1965, Soviet papers contributed, 10731
 United Nations Educational, Scientific, and Cultural Organization :
 resources and action booklet for program planning, 6638
 U.S. National Commission, newsletter, 3632
 United Planning Organization, District of Columbia, antipoverty programs investigation, hearing, 14415
 United Spanish War Veterans, convention, 1965, proceedings, 8497
 United States :
 NOTE:—For all subjects pertaining to the United States, except its government, general history, and description, see such subjects
 America Illustrated (periodical)—
 Polish language, 2675
 Russian language, 2676
 anti-Communism, 2 views, USSR, 17758
 becoming a citizen series—
 our American way of life, 2110
 our Government, 4543
 our United States, 6051
 teacher's guide, 4544
 constitution and Government, Federal textbook on citizenship, 6052, 7504

United States—Continued
 foreign aid policy, what should it be? national high school debate topic 1966-67, 13065
 geographic names, decisions lists, 2088, 7479, 13390
 information for visiting students, 5202
 map, showing extent of public land surveys, etc., 13651
 map showing national parks, etc., announcement and order form, 17999
 state of the Union message by President Johnson, 5599
 excerpts, 7210
 statistical abstract, 1966—
 departmental edition, 15597
 document edition, 15781
 travel directions, travel new world, see U.S.A., 5201
 Dutch edition, 15411
 French edition, 15404
 Spanish edition, 15403
 welcome to U.S.A., 11305
 French edition, 15402
 Spanish edition, 15401
 United States Arms Control and Disarmament Agency, biographic register, 12520
 United States Coast pilots, see Coast pilots.
 United States code, see Codes of law.
 United States commissioners, system, role of commissioner in administration of Federal criminal justice, etc., hearings, 588, 7225, 10359
 United States Committee on Human Rights :
 establish—
 hearings, 14421
 reports, 17237, 17529
 United States Corrections Service, create, hearings, 14429
 United States District Court for D.C. :
 transfer functions—
 law, 11589
 report, 10119
 United States Information Agency :
 appropriation, 1964, practices which resulted in invalid and other questionable use, GAO report, 7473
 appropriations, 1967—
 decrease, 12857
 hearings, 15955, 17567
 reports, 15938, 17348, 17539
 biographic register, 12520
 career intern program in broadcasting, 5197
 career opportunities, 5198
 field staff, Foreign Service list, 2992
 foreign affairs personnel, transfer to unified system, hearings, 11805
 Foreign Service career opportunities, 2618
 general information, 9755
 magazine reprint MR series, 3173
 officers, nominations to be Foreign Service officers, hearings, 11805
 report, semiannual, 2619, 5200, 6683, 16893
 United States Mission to United Nations, biographic register, 12520
 United States National Committee on Vital and Health Statistics :
 history, 14000
 report of 15th anniversary conference, 12487
 United States Navy, keeping the peace, 16749
 United States-Puerto Rico Commission on Status of Puerto Rico, hearings, print as Senate documents, reports, 11735, 12998
 United States reports, see Supreme Court.
 United States Travel Service :
 press releases, 3410
 semiannual report, 8108
 Univac Division of Sperry Rand Corporation, overhead costs charged to Government contracts, GAO report, 9000
 Universal military training and service act, see Military service.

- Universal Postal Union :
 - constitution, convention, etc., 6640
 - history, etc., 1395
- Universal transducer moves delicate equipment without stress, 15114
- Universe :
 - cosmology without general relativity, 6423
 - nature of curved space, USSR study, 4614
- Universities, *see* Colleges and universities.
- University of Alaska :
 - repeal certain provisions of act of Jan. 21, 1929—
 - law, 15758
 - reports, 11738, 15869
 - transfer Alaska Agricultural Experiment Station to, report, 17462
- University of California :
 - carillon, duty-free entry, 17192
 - marine biological research laboratory, use of land donated, law, 404
- University of Chicago, mass spectrometer, duty-free entry, 379
- University of Hawaii, mass spectrometer, duty-free entry, reports, 16130, 17332
- University of Illinois, ionosonde, duty-free entry, 17191
- University of Missouri, double neutron diffractometer, duty-free entry, 17190
- University of Nebraska, mass spectrometer, duty-free entry, reports, 16130, 17332
- University of Pennsylvania, broad-range multigap magnetic spectrograph, duty-free entry, 17189
- University of Pittsburgh, split pole magnetic spectrograph system, duty-free entry, 388
- University of Rochester, mass spectrometer and split pole spectrograph, duty-free entry, 373
- University of South Dakota, shadomaster measuring projector, duty-free entry, 376
- University of Tennessee, Agricultural Research Laboratory, research progress reports, 6858, 11431
- University of Utah, rheogoniometer, duty-free treatment reports, 16130, 17332
- Unlading and lading :
 - fresh fruit and vegetable unloads—
 - eastern cities, 5833
 - midwestern cities, 5834
 - southern cities, 5835
 - totals for 41 cities, 7240
 - western cities, 7239
 - hard winter wheat area, unloading boxcars of grain at terminal elevators, 15434
 - loading environment and related requirements for platform rigged airdrop materiel, military standard, 7265
- Unloading, *see* Unlading and lading.
- Unruh, Henry, jr. :
 - significance of dimensionality in spin wave theory of ferromagnetism, 11099
 - some properties of eigenfunctions and eigenvalues introduced by Bethe for linear chain of atoms, 11100
- Unshackling local government, report, 15843
- Unused manpower, Nation's loss, 16514
- Urdike, D. P., tube fragmentation, 9416
- Upholsterers, automobile, employment outlook, 9210
- Upholstery, *see* Furniture.
- Upland cotton, *see* Cotton.
- UPO, *see* United Planning Organization.
- Upper atmosphere, *see* Atmosphere.
- Upper Duck River and Valley, economic and resource development, summary, 2612
- Upper Great Lakes Economic Development Region, designation (remarks), 5560
- Upper mantle, *see* Earth.
- Upper Volta, mineral industry, minerals yearbook chapter, 9362
- Upward bound, program to help youth from low-income families achieve college education, etc., 7284
- Upward Bound, war on talent waste, 10407
- Ural electronic computers, *see* Electronic computers.
- Uraniferous zirconium, *see* Zirconium.
- Uranium :
 - coming market (remarks), 8299
 - concentrates, analysis, 1293
 - deposits—
 - La Sal quadrangle, Utah and Colo., 7486
 - Temple Mountain district, Emery County, Utah, 9007
 - exploration in Chile, 6859
 - Fort Meade quadrangle, economic geology, 12011
 - investigations in Brazil (series), 13395
 - investigations in Cave Hills area, Harding County, S. Dak. (series), 17719
 - liquid, metal, and carbon systems, vaporization, 15076
 - liquid, systems, vaporization at very high temperatures, 2368
 - minerals yearbook chapter, 16587
 - mining methods and costs at section 23 mine, Homestake-Sapin Partners, 4755
 - origin of elements in Cave Hills area, Harding County, S. Dak., 17719
 - reaction rate of uranium metal with uranium tetrafluoride in molten fluoride solutions, 6322
 - reconnaissance—
 - Lonquimay area, province of Malleco, Chile, 5400
 - northeast coastal Brazil, 5399
 - selected measurement methods in nuclear fuel cycle, evaluation, 6854
 - supply and demand situation (remarks), 14241
 - tables of 10-10 uranium unit cost components, 16970
 - United States resources and requirements for civilian power (remarks), 14240
 - uranium-bearing steels, cooling transformations, 2492
- Uranium fluorides, reaction rate of uranium metal with uranium tetrafluoride in molten fluoride solution, 6322
- Uranium isotopes, U-235, recovery in absolute air filters, gamma spectrometric measurement, 8291
- Uranium tetrafluoride, reaction rate of uranium metal with uranium tetrafluoride in molten fluoride solutions, 6322
- Uranus (planet) :
 - observations, spectrophotometric study, etc., 12375
- Uranyl fluoride, water solutions, thermal neutron flux perturbation by dysprosium-aluminum foils, 6428
- Urban areas, *see* Cities and towns.
- Urban Development Committee, National Citizens' Commission report for White House Conference on International Cooperation, staff report, 13022
- Urban League, program (address), 10014
- Urban life, *see* Cities and towns.
- Urban planners, *see* City planners.
- Urban planning, *see* Redevelopment (city planning, etc.).
- Urban renewal, *see* Redevelopment (city planning, etc.).
- Urban Renewal Administration :
 - allocation of school facility costs to federally assisted urban renewal projects in New Jersey and Illinois, GAO report, 6002
 - press releases, 3411
 - technical guide, 8109
- Urban renewal manual, 3653
- Uremia :
 - bibliography, 13980
 - chronic, research program, opportunities for participation, 18980
 - patients, parotid fluid, total protein, 9875

- Urethanes:
foam, fire hazard in mines, 12261
storage-stable foamable polyurethane is activated by heat, 10985
- Uric acid:
content of parotid fluid collected without exogenous stimulation, 9869
parotid fluid responses to probenecid administration and to hemodialysis on artificial kidney, 9874
- Urine:
calcium determination in weightless state, 6810
corticosteroid levels, prednisolone and triamcinolone effects, 9868
creatinuria in irradiated primates, 14190
rats exposed to ionizing radiation, study of fluorescent products, 8212
- Urine analysis, *see* Urine.
- Urrows, Grace M., nuclear energy for desalting, 15548
- Uruguay:
Argentina boundary, study, 15342
education, commission for educational exchange and financing programs, agreement, 1496
foreign trade regulations, 7011
mineral industry, minerals yearbook chapter, 7691
- USAF, *see* Air Force.
- USAFI, *see* Armed Forces Institute.
- USAPRO, *see* Army Personnel Research Office.
- USATEA, *see* Army Transportation Engineering Agency.
- USDA, *see* Agriculture Department.
- Use tax:
airways user charges, proposed legislation, hearings, 15996
State taxation of interstate commerce report, print additional copies, reports, 10187, 14461
- Useful information about working for Uncle Sam, 2520
- Useller, James W., use of aircraft for zero-gravity environment, 9517
- USIA, *see* United States Information Agency.
- Using your rural credit union, 7347
- USSR, *see* Union of Soviet Socialist Republics.
- Utah:
climatological data, 2751
congressional districts, 90th Congress, 15598
convey relict lands lying below meander line of Great Salt Lake—
hearings, 13045
law, 11550, 15724
reports, 5769, 8546, 10162, 12934, 16068
county business patterns, 240, 5470, 17004
designate as site for 1972 Olympic games, reports, 5787, 8574
electric rate book, 723
Federal-aid highway program, right of way acquisition activities, Public Roads Bureau, GAO report, 13384
forests, 4478
life tables, 18052
manufacturing plants, location by county, industry, and employment size, 1963
census, 14260
mineral industry, minerals yearbook chapter, 1147
nonpegmatitic beryllium occurrences, 15029
north slope, timber management issues, 14712
precipitation data, hourly, 3045
Wasatch Soil Conservation District, sheep on managed mountain range (colored poster), 9704
water supply outlook and snow surveys, 3693
women, labor laws, summary, 2631
- Utah State Training School, photomicroscopes, duty-free entry, 389, 542
- Utah State University, mass spectrometer, duty-free entry, reports, 16130, 17332
- Uterus, uterine cancer, question and answers, 2536, 12482
- Utica, N.Y., commodity transportation survey, production area series, 9953
- Utilities:
Military Academy, provide without charge to civilian instructors, report, 12966
outside emergency construction, manual, 5375
steam, hot water and compressed air distribution systems, maintenance manual, 5255
utility targets, guide for development and use, 9770
see also Electric utilities.
- Utility companies, *see* Electric utilities—Public utilities.
- UV, *see* Ultraviolet rays.
- Uzbek Institute of Regional Medicine, scientific publication, 6156
- Uzbek Soviet Socialist Republic:
antireligious propaganda in Kara-Kalpak ASSR, 9068
Institute of Regional Medicine, scientific session, 6156

V

- V.A., *see* Veterans Administration.
- V.A., *see* Veterans Administration.
- VA fact sheet IS (series), 6689
- Vacation pay, *see* Wages.
- Vacations, potential of air travel for vacations (remarks), 1743
- Vaccaro, Joseph, reliability physics notebook, 8201
- Vaccine, *see* Foot-and-mouth disease vaccine—Influenza vaccine.
- Vacuum:
automatic vacuum pickup for bags, tags, and cartons in packaging and labeling agricultural products, 6710
baking enables McLeod gauge to measure in ultrahigh vacuum range, 2380
dielectrometer design permits measurement in vacuum under irradiation, 16624
electrovacuum materials, assortment and use, USSR study, 16476
environment—
damping characteristics of built-up cantilever beams, 1251
feed-through connector withstands high temperatures, 2379
extreme, technology developments, 1184
fatigue machine for operation at resonance in vacuum, 1368
filtration, steam as coal dewatering aid, pilot plant study, 4798
fixed vacuum plate clamps styrofoam for machining, 12323
force in vacuum environment, transducer for measuring, 7807
high-vacuum technology, testing, and measurement meeting (papers), 15130
lines, rubber-coated bellows improves vibration damping in, 10996
polytetrafluoroethylene lubricates ball bearings, 6405
rapid decompression to near vacuum, effect on chimpanzee, 1188
self-supported aluminum thin films produced by vacuum deposition process, 15117
single crystal and polycrystalline aluminum oxide in contact in, friction characteristics, 15190
single-crystal beryllium, effect of orientation on friction characteristics, 12358
solid-film lubricant effective, 7763
systems, helium permeation of glass, special treatment reduces, 15102
test fixture improves leakage rate measurements, 12326

Vacuum—Continued

thin-film ferrites vapor deposited by one-step process, 15128
titanium-aluminum alloys, friction, wear, and adhesion characteristics, 4969
ultrahigh—
creep behavior of columbium and tantalum alloys at 2000° and 2200° F for times greater than 1000 hours, 4960
operating parameters of omegatron mass spectrometer, 4908
produced by titanium sublimation pump, 15118
uniform ultraviolet reflecting coatings on large surfaces, 7873
vacuum chamber provides improved insulation and support for cryostat, 2387
vacuum technology and space simulation, 16619
vaporization rate for selected compositions in TaC-HfC system at several temperatures above 2000° C, 12365

Vacuum gages:

rod and dish cathode improves Penning-type vacuum gauge, 6406
volume-ratio calibration system, evaluation, 1266

see also Ionization gages.

Vacuum pumps, see Pumps.

Vacuum tubes, see Cathode ray tubes.

Vacuum systems:

all-metal mercury vapor superhigh vacuum unit, USSR study, 1060

automatic protective vent has fail-safe feature, 15099

see also Degasification.

Valdes Cruz, Oscar, relief, 15671

Valdes-Rodriguez, Julio, relief, 16059

Valdez, Alaska, earthquake of Mar. 27, 1964, effects, 6036

Valdivia phase, early formative period of coastal Ecuador, 6499

Valencia, Juan I., International Symposium on Genes and Chromosomes, Structure and Function, 5030

Valentine National Wildlife Refuge, general information, 2044

Valera, Jaime E. C., relief, 11718, 15681

Valerino, Michael F., methods of determining heavy-isotope content of operating fuel elements, 8277

Validation of experimental tool and trade knowledge tests, 3840

Vallejo, Calif., commodity transportation survey, production area series, 9959

Valley, James L., mineral industry of Georgia, 1123

Vallenton quadrangle, Calif., geology, 13398

Valuation:

law, and problems of setting prices, USSR study, 4675

merchant wholesaling firms, value produced in and by, 1963, 269

Value engineering, program management guidelines, Army AMC pamphlet, 8228

Valves:

cryogenic trap, no moving parts, 7790

diaphragm valve for corrosive and high temperature fluid flow control, unique features, 15096

electronic bidirectional valve circuit prevents crossover distortion and threshold effect, 16640

Federal item identification guides for supply cataloging, supplements, 2935

flow ring valve, simple, quick acting, 11045

gas-injection, operates at high speed, 15111

improved poppet valve provides positive damageproof seal, 2381

metering and safety combination, for filling sonde balloons with hydrogen, description and drawings, 17941

pneumatic shutoff and time-delay valve operates at controlled rate, 10998

Valves—Continued

quick-closing, actuated by explosive discharge, 11025

respiratory transfer valve has fail-safe feature, 2388

ring, responds to differential pressure changes, 4859

rotary, controls multiple hydraulic leveling cylinders, 16625

segmented ball valve is easy to open and close, 11002

shock-operated, would automatically protect fluid systems, 13770

shutoff, standard, matching flow characteristics eliminates need for custom fabricated valves, 16638

soft-seal valve holds hazardous fluids safely, 11010

valve seat pores sealed with thermosetting monomer, 13757

vortex, for medium-temperature solid propellants, 7742

Vampire bats, see Bats.

Vanadium:

and some vanadium alloys, corrosion properties, 4796

deposits, La Sal quadrangle, Utah and Colo., 7486

disposal from national stockpile—
hearing, 10325

law, 10075

reports, 8590, 8758

electrorefined, with interstitial impurities, correlation of yield behavior, 1169

mineral industry survey, monthly, 3678

minerals yearbook chapter, 13703

thermodynamic properties of vanadium and its compounds, 7706

Ti-SAL-Mo-IV sheet, fatigue behavior, 1190

Van Allen radiation belts, inner zone, protons and electrons, trapped radiation environment, models, 4835

Vandermonde matrix, see Matrices (mathematics).

Vanderver, Timothy A., jr., basic data on economy of India, 4005

Van Dolah, Robert W.:
explosion hazards of ammonium nitrate under fire exposure, 7718

sympathetic detonation of ammonium nitrate and ammonium nitrate-fuel oil, 7714

Vanishing point, see Perspective.

Van Ness, H. N., acoustic ray ship positioning and tracking system, 6545

Van Nostrand, Robert G., interpretation of resistivity data, 10644

Van Ornum, Delbert G., vortex stabilized radiation sources for improved solar simulation, 9436

Van Rijn, Rembrandt Harmens, see Rembrandt Harmens Van Rijn.

Van Wyckhouse, James F., high performance UH-1 compound helicopter maneuver flight test program, 8273

Van Zandt, Franklin K., boundaries of United States and the several States, 6030

Vapor, see Water vapor.

Vapor deposition of molybdenum-tungsten alloys, 17862

Vapor pressure:

carbon dioxide, at ice point, 10928

measurement of silver from 1,200° to 1,500° K, by torsion effusion method, 1156

measurements, Knudsen effusion apparatus, 17858

Vaporization:

complementary system vaporizes subcooled liquid, improves transformer efficiency, 6371

liquid uranium bearing systems at very high temperatures, 2368

Vaporization—Continued

- liquid uranium, metal, and carbon systems, 15076
- n-heptane, in unstable combustor with traveling transverse oscillations, analysis, 9537
- propellants with different rates, analysis of chugging in liquid-bipropellant rocket engines, errata, 12333
- vacuum, rates for selected compositions in tantalum carbide-hafnium carbide system at temperatures above 2000°C, 12365

Vapors:

- acid, determination in PPM range, 6546
- cobalt-tungsten alloys, vapor deposition, 2355
- condensation, study method and physics of heat exchange, 4989
- deposition, effect of certain process variables on tungsten, 6321
- high velocity, stability of intermixing with its subcooled liquid in concurrent streams, 16656
- potassium, nozzle expansion and flow characteristics, 4953
- sodium, nozzle critical flow characteristics, 4931
- thin-film ferrites deposited by one-step process in vacuum, 15128
- toxicity of new antidetonator, manganese cyclopentadienyltricarboxyl, 599
- vapor compression distillation using secondary heat transfer media for sea water conversion, 6063
- vapor diffusion electrode improves fuel cell operation, 13729
- water jets for space vehicle attitude control systems, 13846
- see also Mercury vapor—Water vapor.

- Varaiya, Pravin P., nonlinear programming and optimal control, 9441

Variables (mathematics):

- computer system for intraspecies biologic and behavioral variability studies, 12643
- control of time variable, nonlinear multi-variable systems using Liapunov's direct method, 7729
- discontinuous state, in calculus of variations, 11071
- estimating fuel moisture content of indicator sticks, 10606

Variance analysis:

- periods defined by irregular observations, 9434

- replication, approach to analysis of data from complex surveys, 11198

- Varney area, Ky., geology and coal reserves, 9019

Varnish and varnishing:

- current industrial reports, 2817, 15587
- Federal test method standard, 4397
- varnishes, industry wage survey, 17812
- Varnishes, see Varnish and varnishing.
- Vasilopoulos, Ioannis A., relief, 8721
- Vastakis, Panagiata, and son, relief, 5746, 8455

- Vasys, Jesse, technic for removal of whole retinas 12644

- Vatz, Irvin P., general mathematical model for beam and plate vibration in bending modes using lumped parameters, 9518

- Vaughan, C. L., hardwood log grades for standard lumber, 17698

- Vaughan, Lucile, nutritional requirements for survival in cold and at altitude, symposia, arctic medicine and biology, 14185

- Vaughan, Willard S., jr., functional requirements of training equipment for Army command tactical decision making, 7970

- Vaughn, Jack H., nomination, hearing, 5808

- VAVS, see Veterans Administration Voluntary Service.

- Vectorcardiography, application of time-base expansion, 5333

- Vectors (mathematics), see Mathematics.

Vega Dam and Reservoir:

- lands acquired, reconvey mineral interests to former owners—
law, 15752
report, 16120

- Vegetable and Fruit Bargaining Cooperatives, National Conference, see National Conference of Fruit and Vegetable Bargaining Cooperatives.

- Vegetable products, see Agricultural products.

Vegetables:

- canned, economic inquiry into marketing, 2033

- commercial processing, acreage marketing guides, 5828

- culture, etc., publications, price list, 1404
- disinfestation by gamma irradiation, dosimetry, tolerance, and shelf life extension, annual report, 8296

fresh—

- acreage, production, etc., 1965, 2597
- market, acreage and estimated production, monthly report, 3680
- market news, weekly summary, 3006
- prices, 1965, Chicago and New York City, 9840

- shipments by commodities, States, etc., 14508

- shipments by States, 10373

unloads—

- eastern cities, by commodities, States, etc., 5833
- 41 cities, 7240
- midwestern cities by commodities, States, etc., 5834
- southern cities, by commodities, States, etc., 5835
- western cities, by commodities, States, etc., 7239

- growing in Appalachian region, 12602, 15445

- home freezing, 14137

- how to use USDA grades in buying, 16936

- import competition, 16727

- industry, organization and competition, 15215, 16727-728, 17947

- leafy, aphids, how to control, 6742

- marketing orders, Federal and State legislation, 17949

- Mexican production, survey, 13354

processing—

- annual summary, 1965, 5180

- plants under USDA continuous inspection, list, 16202

- statistical report, 3681

- prototype commercial forced-air precooler, 3732

- seeds, foreign agriculture circulars, 2987

- shelf life, extending by use of radiation technology in postharvest procedures, 5413

- spring, acreage marketing guide, 589

- summer and fall, acreage marketing guides, 5827

- U.S. standards, check list, 8791

- vegetable situation, 3679

Vegetation:

- and hydrologic phenomena (series), 6033

- control firebreak maintenance with soil sterilants, 14707

- herbaceous, prescribed burning, response, 10586

- initial development following prescribed burning of Douglas-fir in south-central Idaho, 16337

- range, effects of stocking rates, northern Great Plains, 3772

- spacing and understory vegetation affect growth of ponderosa pine saplings, 2063

- understory, in H. J. Andrews Experimental Forest, effect of logging and slash burning, 8961

- variation following slash fires, near Oakridge, Oreg., 2062

INDEX 1966

- Vegetative functions, coordination in man during muscular activity, USSR studies, 14824
- Vehicles :
 - brake, steering, axle, wheel, and track components, identification list for Federal supply catalog, Defense Dept. section, 5851
 - equipment components, Federal item identification guides for supply cataloging, supplements, 2932
 - mobility environmental study one-pass program, 5347
 - tactical and support, organizational mechanic/repairman course, Army pamphlet, 5361
 - tactical, tracked and wheeled, painting procedures, military standards, 11849
 - transport, for pipeline construction, USSR study, 12109
 - under sea, for oceanography, 4365
 - see also Air cushion vehicles—Aircraft—Firefighting vehicles—Motor vehicles—Parking of vehicles—Rockets—Spacecraft.
- Vela Uniform program :
 - Project Dribble, Salmon event, seismic decoupling at nuclear level, experiment, Tatum Salt Dome, Miss., 3850-53, 5414-16, 6868
 - Project Shoal, post-shot hydrologic safety, 6867
- Velocity :
 - chemical stages in 300 to 400 second range for interplanetary missions, performance analysis, 2434
 - components and radial pressure distributions in vortex contained in short cylindrical chamber, experimental profiles, 1254
 - determination of propagation of seismic wave from travel-time curve, USSR study, 912
 - effects on boiling nitrogen, 15138
 - impact-light-flash at high velocities, experiments, 7738
 - impulsive velocity corrections, linear theory, 7878
 - measurements in Langley hypersonic arc tunnel, 7843
 - profile, controlled inlet, conical nozzle, turbulence, heat-transfer, and boundary layer measurements, 7822, 17911
 - profiles, downstream of nozzle exhausting to quiescent air, 16673
 - propagation of pulse waves, method of determining, 4998
 - propellant injection, effect on screech in 20,000-pound hydrogen-oxygen rocket engine, 7884
 - random pressure excitation of shells and statistical dependence effect of normal mode response, 1180
 - reflected, potential, in far field of rigid bodies, 12422
 - shock, use of microwave technique for continuous measurement, 10957
 - sonic wave, measurements used to determine elastic constants, strength and density of Greenland snow, 9891
 - spray, resulting from high-velocity penetration of thin plates by disks, 16682
 - tangential, effects on spinning transverse combustion instability, 9331
- Velveteen :
 - general imports and manufactures, 8321
 - Italian exports of cotton fabrics, trade agreement, 6647
- Vending machine mechanics, see Mechanics (persons).
- Vending machines, vending of food and beverages, sanitation requirements, 14997
- Veneer logs, see Logs.
- Veneers, Federal item identification guides for supply cataloging, supplements, 2935
- Venereal diseases, basic statistics on problem in U.S., fact sheet, 9630
- Venereology, advances, USSR studies, 13565
- Venezky, D. L. :
 - adhesive restorative dental materials, literature, survey of inorganic polymers, 2498
 - resistance of flame-fused teflon-coated magnesium and aluminum alloys to corrosion by 3% sodium chloride solutions, 12432
- Venezuela :
 - eastern, Penaeid shrimp, distribution, 748
 - mineral industry, minerals yearbook chapter, 10917
 - Orinoco Delta and Paez District, geography, 13462
- Ventilation :
 - Central Laboratory for Ventilation and Heating Industry, regulations, Eastern Europe, 7545
 - crankcase systems on automobiles, performance, 15293
 - systems for small craft, 11508
 - temporary, portable, shipboard ventilation for control of flammable atmospheres, maritime safety data, 16524
 - see also Mine ventilation.
- Vents :
 - acrylonitrile-butadiene-styrene pipe and fittings, standard of trade, 1290
 - automatic protective vent has fail-safe feature, 15099
- Venue :
 - civil action amendment, report, 15885
 - habeas corpus applications, amend U.S. Code—
 - law, 15760
 - reports, 15886, 17478
- Venus (planet) :
 - Mariner-Venus 1962, final project report, 4833
- Verbal communication, intelligibility in oxygen-helium breathing mixtures at low atmospheric pressures, 8205
- Verde River, water supply outlook and snow survey, 3687
- Verkamp, J. P., electromagnetic alkali metal pump research program, 6332
- Vermiculite :
 - mineral facts and problems chapter, 1172
 - minerals yearbook chapter, 17869
- Vermont :
 - bus taxation proration compact, consent of Congress, law, 414
 - Caledonia County Soil and Water Conservation District, dairy cows on improved pasture (colored poster), 9705
 - census of manufactures, 1963—
 - area statistics, 14251
 - manufacturing plants, location by county, industry, and employment size, 14254
 - county business patterns, 241, 17005
 - electric rate book, 724
 - life tables, 18053
 - mineral industry, minerals yearbook chapter, 1148
 - women, labor laws, summary, 1556
 - Verrall, Arthur F., building decay associated with rain seepage, 16942
 - Verzich, Manojlo, relief, 5745, 8454
 - Vessels, see Boats—Fishing vessels—Shipbuilding—Shipping—Ships—Tankers—Warships.
 - Vesta (asteroid) :
 - trajectories, planetary flight handbook, 9445
 - Vestibular apparatus :
 - coriolis stimulation, comparison of flying experience between pilots and non-pilots, 9877
 - primer of function, spatial disorientation, and motion sickness, 14189
 - role of vestibular organs in exploration of space, 6353
 - training for aerospace operations, 91

Vestibular system, congenital feline cerebellar hypoplasia, effects, 12628

Vesting orders:

- German paintings, under trading with the enemy act, transfer to Germany—law, 17117
- reports, 15921, 16154

Vestnik of USSR Academy of Medical Sciences (periodical), 3682

Vestnik of USSR Academy of Sciences (periodical):

- translations, 14792, 14935

Veterans:

- benefits—
 - available for veterans and dependents, fact sheet, 6689
 - in brief, 5209A
 - slide rule calculator, print additional copies, reports, 10196, 17468
- burial allowances, amend law—law, 5585
- reports, 4083, 5765
- children of deceased or disabled Philippine veterans, extend educational assistance benefits—
 - hearings, 16195, 17397
 - law, 17112
 - reports, 15867, 15878, 16134
- civil service preference, 12757
- handbook for counselors, 17045
- claims, disposition by regional offices, 11687
- deceased or disabled, educational assistance for their children, 2621
- disability insurance, total, eligibility, GAO review, 12002
- disabled, automobile grants, liberalize provisions, report, 11749
- drugs and medicine for aid-and-attendance pensioners, reports, 17204, 17220
- educational assistance during June 1966, report, 17496
- legislation—
 - 89th Congress, 1st session, 7228
 - enacted in 1965, 6609
 - hearing, 8787
 - reported, summary, 89th Congress, print additional copies, reports, 10191, 16098
- loans—
 - direct and insured cases, extend treble-damage actions to—law, 17119
 - reports, 10129, 16142
 - guaranteed and direct, questions and answers, 18137
- medical care, specialized medical resources, provide, hearing, 8787
- nursing care programs, operation, review, hearings, 11689
- nursing home care in Alaska and Hawaii, eliminate certain requirements, reports, 10134, 11744
- Philippine, hospitalization and medical care program, extend—
 - hearings, 16195, 17397
 - law, 17111
 - reports, 15866, 15877, 16133
- post-Korean, provide GI benefits, hearing, 5711
- prebed and posthospital care, report of VA committee studying, 14444
- publications, price list, 16789
- readjustment assistance, permanent program, etc.—
 - digest and analysis of Cold War GI bill, 5819
 - print additional copies, report, 7196
 - hearing, 5711
 - law, 5583
 - report, 4099
- reemployment provisions of universal military training and service act, clarify—
 - hearing, 5683
 - report, 5673

Veterans—Continued

- relief, code of Federal regulations, 10495
- service-connected, drugs to be furnished, report, 10131
- social security benefits, 6606
- travel expenses, prepayment—law, 11564
- reports, 4086, 11747
- veteran occupant mortgagors, FHA appraised values and maximum mortgage amounts for 1-family residences, specified statutory or administrative limits, 4373
- Vietnam era readjustment assistance act—
 - hearing, 16185
 - report, 17552
- World War I, loans made upon security of adjusted-service certificates, cancel certain unpaid interest, report, 12955
- see also Life insurance—Pensions—Rehabilitation of the disabled.

Veterans Administration:

- administrator, contract with medical schools and clinics for scarce medical specialist services, report, 10126
- appropriations, 1967, hearings, 8651, 13193
- benefits in brief, 5209A
- brokers' fees for VA property management—law, 17121
- reports, 5650, 16143
- cancel hazard insurance on properties acquired in default of housing loans, 13383
- career opportunities—
 - count your benefits, 15414
 - nurse, rewarding career for you, 18136
- careers in automatic data processing, 18139
- chaplain workshops 1966 (papers), 16895
- Committee Studying PBC and PHC Activity, report, 14444
- cost reduction program and you, 5210
- debt collection efforts, defaulted housing loans, GAO report, 4504
- Deputy Administrator, to assume duties of Administrator during absence, etc., statutory authority—law, 5586
- reports, 4084, 5766
- eligibility of veterans for total disability insurance, GAO review, 12002
- excess medical equipment and supplies, greater utilization, GAO report, 9003
- facilities—
 - definition of terms, amend U.S. Code, report, 11744
 - naming, report, 10136
- field stations, savings by using more economical fuels, GAO report, 14739
- fuller use of medical research by VA, report, 8759
- handbook series, 14063
- hospital and medical program, operations, 10270
- hospitals, veterans' views on medical care, survey, 11690
- information bulletin IB series, 2620, 33200, 8110, 14064, 18133
- land conveyance to Pinellas County, Fla.—hearings, 13061
- report, 17205
- land transfer to Cheyenne, Wyo., law, 445
- loan guaranty program, purchase of title insurance on properties acquired in Florida, GAO review, 12004
- manuals, 5207-8
- medical care provided veterans, improve quality of services, hearing, 8787
- medical community planning participation, report, 10128
- medical research—
 - annual report, 5209
 - highlights, 6686
 - program 1965, synopsis, 15413

- Veterans Administration—Continued
 medical system, impact of medicare, 11688
 medical training, statistics, 10271
 Medicine and Surgery Department—
 functions, clarify, hearing, 8787
 opportunities for physicians, 16894
 national service life insurance, total disability income provision premium rates, 18138
 patient returns to community, guide for voluntary service program, 11306
 personnel information bulletin, 3320
 procedures for terminating total disability benefits under national service life insurance policies, GAO report, 7477
 psychiatric research, 5213
 regional offices, disposition of claims, 11687
 report, 1965—
 departmental edition, 5206
 document edition, 4054
 research into spinal cord injuries—
 hearing, 8787
 report, 16140
 research program, restoration centers, intermediate care wards, nursing care home units, domiciliaries, 1st conference on RIND, transactions, 14066
 resident in hospital administration, examination announcement, 3987
 safety and fire protection bulletins, 2620, 8110, 14064, 18133
 tort claims arising in foreign countries, settlement, etc., law, 402
 training and education of health service personnel, clarify responsibility—
 hearing, 8787
 reports, 5651, 17540
 VA pamphlets, 2621, 5210-14, 11306-307, 12552, 14067, 15414, 16894-895, 18135-139
 youth opportunity programs, participation, 14067
 Veterans Administration Voluntary Service, VAVS story, 5214
 Veterans' Affairs Committee, House :
 calendar, 3126
 committee prints, 1872, 10270-272, 11684-688, 11690, 14444
 hearings, 5711, 8684-86, 13061-63, 11689, 14443, 17397
 investigations and studies, expenses, report, 4109
 reports, 1827-28, 4083-86, 4099, 5650-51, 10126-136, 15866-867, 15900-902, 17203-205
 travel to Philippines and South Vietnam, authorization, report, 8601
 Veterans Canteen Service, Veterans Administration, examination of financial statements 1965, GAO report, 4496
 Veterans homes :
 Multi-disciplinary Conference on Domiciliary Care, report, 18134
 restoration centers, intermediate care wards, etc., 1st conference on RIND, transactions, 14066
 Veterans hospitals :
 convalescent and nursing care, programs, review, hearings, 11689
 Louis A. Johnson Memorial, designate, report, 16141
 Philippine, hospitalization and medical care of veterans, extend program—
 hearings, 16195, 17397
 law, 17111
 reports, 15866, 15877, 16133
 probed and posthospital activity, report of VA committee studying, 14444
 readmission of veterans, restrict conditions for reduction of benefits—
 law, 5587
 reports, 4085, 5767
 Veterans hospitals—Continued
 restoration centers, intermediate care wards, nursing care home units, domiciliaries, 1st conference on RIND, transactions, 14066
 sharing technology and equipment with other hospitals, report, 10128
 theological roots for hospital ministry (papers), 16895
 treatment of disabilities in addition to those for which hospitalized, report, 10126
 Veterans Administration program, operations, 10270
 veterans' views on medical care, survey, 11690
 Veterans of Foreign Wars of United States :
 convention proceedings, 8492
 legislative recommendations, 1966, hearings, 8685
 Veterans of World War I of United States, Inc. :
 convention proceedings, 7059
 legislative recommendations, 1966, hearings, 8685
 Veterans organizations, legislative recommendations, 1966, hearings, 8685
 see also names of organizations.
 Veterans preference benefits, *see* Civil service.
 Veterinarians :
 accredited, duties and responsibilities, 5271
 guide, 12585
 Agriculture Department opportunities, 14145
 employment outlook, 9288
 examination announcement, 3988
 Veterinary Biologics Division :
 biological products produced in licensed establishments, notice, 5278
 notices, 1580, 14119
 Veterinary instruments and apparatus :
 equipment and supplies, Federal item identification guides for supply cataloging, supplements, 2937
 NIH standard animal care equipment, 16805
 Veterinary medicine :
 Bulgarian People's Republic, structure of service, 9089
 diseases and operations, standard nomenclature, 11114
 education facilities, construction grants and student loan program—
 hearings, 11665, 17591
 reports, 15943, 17527
 internal, development in Hungary, 12141
 medical and veterinary parasitology, USSR articles, 7625
 opportunities for doctors in USDA, 14145
 Veterinary parasitology, *see* Parasitology.
 Veterinary supplies, *see* Veterinary instruments and apparatus.
 Veterinary zoology, *see* Zoology.
 Veto messages, *see* President of United States.
 Vette, James I. :
 geomagnetic geometry tables, 7725
 models of trapped radiation environment, inner zone, protons and electrons, 4835
 VFR, *see* Visual flight rules.
 VHF, *see* Omnicoranges.
 Vibration :
 absorber, synchronous gyroscopic, analytical research, 4806
 absorption of high-frequency ultrasonic in binary alcohol-water mixtures, USSR study, 13518
 beam and plate, in bending modes using lumped parameters, mathematical model, 9518
 clustered launch vehicles, analysis, 1260
 effect of charge weight on vibration levels from quarry blasting, 12243

Vibration—Continued

- electrical analogies and vibration of linear mechanical systems, 12269
- flexural, of conical shells with free edges, 6335
- floating ring dampers and hypercircular shafts, behavior and dynamics on flexible supports, 136
- Helmholtz wave equation, nonseparable solutions examined for applications, 15523
- in-flight, design equations of swept frequency spectrum analyzers, 15196
- isolation of marine machinery, USSR study, 2240
- labor hygiene in vibrocondensation in concrete, USSR study, 9179
- levels transmitted across presplit fracture plane, 1166
- longitudinal, of Thor vehicle structure, 17916
- multicolor stroboscope pinpoints resonances in vibrating components, 11017
- noncontacting vibration transducer has constant sensitivity, 4885
- nonlinear flexural, vibrations of thin circular rings, 2438
- nonstationary spacecraft, data, spectral analysis, 1191
- passive environmental sensor, use in testing sensitivity to stimulation, 3784
- rubber-coated bellows improves vibration damping in vacuum lines, 10996
- sandwich panels in reduced-pressure environment, characteristics, 15163
- ship's plates, caused by screw propellers, USSR study, 2217
- sonic, combating on ships, USSR book review, 1047
- spherical shell segments, Green's function approach, 16611
- tests on vidicons made by improved method, 6368
- transverse, of tapered beams, tables of natural frequencies and nodes, 9417
- errata, 10936
- vibration-dissociation coupling models, effects on nonequilibrium hypersonic flow of nitrogen over wedge, 13828
- vidicons, testing performance during vibration, 17905
- Vibrators, improve spark erosion cutting process, 13768
- Vibrocardiographic system study, 10969
- Vice President of United States:
 - election campaign fund act, report, 17521
 - official residence, acquire—
 - hearings, 5706
 - law, 8462
 - reports, 553, 5677, 7088
 - vacancy in office, filling, proposed constitutional amendment, report, 1838
- Vick, Allen R., underexpanded exhaust plumes impinging upon perpendicular flat surface, 6443
- Vidal, R. J., measurements of nonequilibrium effects in air on wedge-flat-plate afterbody pressures, 2358
- Video recording system:
 - adaptive data compression for signals, 9523
 - compression of video data by adaptive nonlinear prediction, 13813
- Video signal processing system uses gated current mode switches to perform high speed multiplication and digital-to-analog conversion, 16643
- Vidicons:
 - new television camera eliminates vidicon tube, 10986
 - performance during vibration, testing, 17905
 - vibration tests made by improved method, 6368

Vietnam:

- air war, tactical and operational problems, 2275
- American civilians who are fighting shirt-sleeves war, 17745
- American policy, comments by Moscow Patriarchy of Russian Orthodox Church, USSR study, 10814
- anti-Vietnam agitation and teach-in movement, problem of Communist infiltration, staff study, 1885
- Armed Forces members—
 - serving in foreign areas, additional accumulation of leave—
 - hearings, 14410
 - report, 12968
 - voluntarily extending tour of duty in hostile fire area, authorize special 30-day period of leave, reports, 12969, 17509
- background information, 7213
- chemical warfare agents now employed or contemplated by Pentagon, USSR views, 2195
- close air support—
 - hearing, 4121
 - subcommittee report, 4122
- conflict issue (address), 6629
- conflict, substance and shadow, report, 4218
- Democratic Republic, *see*, below, North.
- geographic aspects of struggle, 15340
- heart of problem, U.S. commitment (statements), 9722
- into war with a timetable, this is what I saw, 883
- Laos boundary, study, 11255
- Man nationality, Soviet study, 17778
- North—
 - bridge of Ham Rong in war, 2247
 - church and state under Communism, 8780
 - declaration by Voice of Pathet Lao radio, 6167
 - economy, translations, 3610
 - finance and credit, 2182
 - French Communist eyewitness report on war effort, 4689
 - Nghe An Province, highland peoples, ethnography, 4654
 - political and sociological information, 3592
 - Viet Cong, know your enemy, 8222
- observations, report, 5637
- pocket guide, 8225
- postal services of U.S. Armed Forces, on-site inspection, report, 17258
- report, 7141
- Republic—
 - agricultural commodities, agreements, 1498, 1505, 5163, 8077, 8080, 11278, 12526, 15349
 - atomic energy, cooperation for civil uses, agreement application of safeguards by IAEA, 2589
 - background notes, 9716, 14028
 - foreign assistance, supplemental, 1966, hearings, 5810
 - print additional copies, reports, 7193, 10194, 15882
 - legality of U.S. participation in collective defense, 8059
 - National Liberation Front forces, French Communist journalist interviewed, 2253
 - pledge of Honolulu, commitments for government and defenders of South Vietnam, 6630
 - quiet warriors supporting social revolution, 11253
 - refugee problems—
 - hearings, 1947
 - reports, 7177, 14389
 - shipping policy review, hearings, 7155, 10255

INDEX 1966

Vietnam—Continued
 Republic—Continued
 television broadcasting, agreement, 8083
 trachoma, prevalence, 4628
 travel authorization for House Veterans' Affairs Committee, report, 8601
 why Vietnam, report, 469
 social revolution, Americans as quiet warriors supporting, 10691, 11253
 South, *see*, above, Republic.
 struggle to be free (address), 9721
 38th day, 8058
 today (address), 8056
 U.S. economic and military assistance programs, investigation, report, 15950
 U.S. views, interviews with Secretary Rusk and Under Secretary Ball, 9724
 undeclared war, assistance to enemies of U.S., make punishable, hearings, 15994
 United States activities, internal audits and inspections, Department of State, Agency for International Development, Department of Defense, GAO report, 13385
 Vietnam era veterans readjustment assistance act—
 hearing, 16185
 report, 17552
 war, questions and answers, 108
 we welcome others to their ranks, AID programs, 13440
 Vietnamese language, Vietnamese-English dictionary, 16425
 View from Ranger, 12277
 Vigilance, effects of knowledge of results and differential monetary reward on 6 un-interrupted hours of monitoring, 3794
 Villagomez, Joaquin U., relief, 17071
 Vincent, Thomas L.:
 applications of calculus of variations to aircraft performance, 10965
 minimum time aircraft trajectories between 2 points in range-altitude space, 17882
 Vincze, John, Gemini spacecraft landing systems, 12364
 Vine, James D., element distribution in shelf and eugeosynclinal black shales, 10632
 Vinson, Carl:
 statements, etc., in honor of, print as House document, report, 501
 tributes in House of Representatives, 468
 Vinti, John P., computation procedure for his accurate reference orbit with inclusion of 3d zonal harmonic, 15170
 Vinton, La., motor carrier accident, 12068
 Vinyl fabrics, *see* Textiles.
 Violence, violent offender, parole decision-making, 14082
 Viral aerosols, *see* Aerosols.
 Virgin Islands:
 agriculture department, directory, 590
 census of business, manufactures, and mineral industries, 223
 climatological data, 2751
 coast pilot, supplement, 6985
 dutiable status of watches, etc., amend tariff schedules, hearing, 13208
 Governor—
 1965 report, 9035
 popular election, provide, amend organic act—
 hearings, 15975
 reports, 10142, 17519
 Industry, report, findings of fact, and recommendations, 1533
 map, United States, inset, 13651
 mineral industry, minerals yearbook chapter, 17845
 nautical chart catalog, 6988
 Office of Government Comptroller, reviews of activities, fiscal years 1963-65, GAO report, 8994
 principal electric facilities, map, 7381

Virgin Islands—Continued
 reapportionment of legislature, amend organic act—
 hearings, 15975
 law, 15729
 reports, 10138, 13166, 14394
 revenue bond borrowing authority, increase, amend organic act—
 law, 17133
 reports, 13179, 17212
 selected services area statistics, 1963 census of business, 15566
 social security tax guide for employers, 2116
 storm warning facilities chart, 12562
 Virgin Islands Soil Conservation District, stored water keeps sugar mill operating (colored poster), 9706
 women workers, 12576
 Virgin Islands Corporation, 1965 financial statements, examination, report, 6008, 7064
 Virginia:
 aeroradioactivity survey and geology of area nearest D.C., 9917
 census of manufactures, 1963, manufacturing plants, location by county, industry, and employment size, 14258
 climatological data, 2751
 congressional districts, 90th Congress, 15604
 county business patterns, 3916
 electric rate book, 17659
 landings, fish and shellfish, 3683
 annual summary, 16295
 life tables, 8054
 mineral industry, minerals yearbook chapter, 1149
 Northern Virginia Soil Conservation District, contour strips in hunting preserve (colored poster), 9707
 peanut handling, shift from bag to bulk, economic implications, 9822
 Piedmont, site index prediction for Virginia, loblolly, and shortleaf pine, 8977
 postal map, 13944
 precipitation data, hourly, 3045
 southeastern, chemical composition of rainfall, 13414
 Southwest, Lee, Scott, and Wise Counties, economic and resource development, summary, 2611
 transit compact, approval—
 hearings, 15983
 message from the President, 15783
 reports, 15891, 16107
 women, labor laws, summary, 14093
 Virginia pine, *see* Pine.
 Virus diseases:
 mortality rate of cold-stressed mice challenged with viruses by different routes, 79
 plant virus diseases, index, 11346
 slow, latent, and temperate infections, workshop and symposium, 13978
 Viruses:
 and cancer, monographs, reviews, etc., guide and bibliography, 13960
 of laboratory rodents, research, 6486
 poliovirus and vaccinia virus, radioisotopic labeling, 9871
 sugarcane mosaic, strains, 8170
 see also Biological products—*also* names of virus diseases.
 Visas, *see* Passports.
 Viscoelasticity, *see* Elasticity.
 Viscosity:
 calculation in molten salts (oxides), 7901
 coefficients of dilute argon between 100 and 2000° K, 13865
 determination by polarographic technic, 5334
 eddy, distributions downstream of nozzle exhausting to quiescent air, 16673
 effect of low viscosity layer on convection in mantle, 11396

- Viscosity—Continued
fire retardant, measured by modified Marsh funnel, 8956
hypersonic laminar viscous interaction effects on aerodynamics of wedges, etc., 15153
- Vises (tools):
bench vise adapter grips tubing securely and safely, 6382
- Viseu, Arminda P., relief, 13115
- Visibility, sea dye marker provides visibility for 20 hours, 13749
- Vision, *see* Eyes—Sight.
- Visiting housekeepers:
homemaker services for older people, selected references, 5261
International Congress on Home Help Services, proceedings, 15427
- Visitors, tax information for visitors to United States, 2126
- Visknevskiy, Aleksandr A., biography, USSR, 13498
- Visors, two percent gold, evaluation, 14195
- VISTA, *see* Volunteers in Service to America.
- Visual acuity, *see* Acuity.
- Visual flight rules, aviation, air traffic patterns, 10454
- Visual instruction, *see* Audio visual instruction.
- Visual perception, *see* Perception.
- Visual resolution and optical scintillation over snow, ice and frozen ground, 8233
- Vital and Health Statistics, United States National Committee on, *see* United States National Committee on Vital and Health Statistics.
- Vital statistics:
analytical studies, 5121
birth and death records, United States and outlying areas, where to write, 1447
data evaluation and methods research, 5120, 8004, 9631, 11198, 13999, 15305
data from hospital discharge survey, 18081
data from national health survey, 1438-40, 2543-44, 5122, 6587-89, 8005, 9632-33, 11199, 12488-489, 14001, 15306-310, 18080
data from National Vital Statistics System, 1441-44, 9634, 11200, 16811-812, 18082-83
documents and committee reports, 12486-487, 14000, 18079
provisional, monthly report, 3222
report of 15th anniversary conference of United States National Committee on Vital and Health Statistics, 12487
United States, 1445, 12490, 14002-3
marriage and divorce, 1445
mortality, 14002-3
see also Birth.
- Vitamins, manufacture in Japan, 980
- Vlisidis, Angelina C., determination of sulfate and sulfide sulfur in rocks or minerals, 12012
- Vocational counselors, *see* Counselors.
- Vocational education:
adult and vocational research, training, and experimental programs, 633
District of Columbia, hearings, 11648
laws, compilation, 12847
occupational education & training, Federal-State programs, 6768
occupational instructor preparation, course guide, 10430
public community and vocational college, establish in D.C.—
hearings, 17370
report, 17488
review of activities in Federally aided programs, 14563
student loan insurance act of 1965, guaranteed loans, promise and challenge, 7311
training for yesterday's job?, 13589
- Vocational education—Continued
vocational-technical program development by States, summary report, 5884
working one's way through tomorrow, 13283
youth we haven't served, challenge of socioeconomically handicapped youth, 8854
see also subject.
- Vocational guidance:
girls, consultation, July 20-21, 1964, Women's Bureau and Office of Education with State school guidance officials, 1563
a look at tomorrow's jobs, 9314
occupational outlook handbook, 6257
Vocational rehabilitation, *see* Rehabilitation of the disabled.
- Vocational Rehabilitation Administration:
rehabilitating physically handicapped, advisory groups, 14068
report, 16896
research and demonstration projects, 1964, annotated list, 12556
research fellowship program, description of program and procedures for applying for predoctoral, postdoctoral, special fellowships, 1530
- Voegelein, L. Belle:
classification, Class S, agriculture, plant and animal industry, fish culture and fisheries, hunting sports, 1100
index to languages and dialects, 4740
- Vogler, Raymond D., ground effects on single- and multiple-jet VTOL models at transition speeds over stationary and moving ground models, 4955
- Vogt, F. B., effect of bedrest on parameters of physiological function, orthostatic intolerance to passive tilt, 9390
- Vogt, William G., transient response from Lyapunov stability equation, 11057
- Vohryzka, Frantisek, relief, 8511, 11535, 17410
- Voice:
color of the voice, USSR study, 16497
human, recognition by computer, Yugoslavian study, 12171
- Volatilization, *see* Evaporation.
- Volcanic rocks, *see* Igneous rocks.
- Volcanoes:
Hawaiian Observatory summary, 3035
1959-60 eruption of Kilauea Volcano, Hawaii (series), 4523-24, 7488, 12026
volcanic activity on Mars, 5001
- Volga Germans in Soviet Central Asia, 14934
- Volin, Lazar, Soviet grain imports, 626
- Volsky, Jorge A., relief, 8717, 17076
- Voltage, high, isolation device for ion-thruster propellant feed, 13838
- Voltage dividers, compensated and ohmic measuring, Nikola Tesla Institute, Yugoslavia, 962
- Voltages:
dual-voltage power supply has increased efficiency, 4839
peak ac-dc voltage comparator for use in standards laboratory, 5014
ratio detector for millivolt signals, 2454
temperature transducer has high output, is time stable, 1237
- Voltmeters, RMS, electrostatic, disclosures on, 7921
- Volume and yield tables:
aerial photo stand-volume tables for California timber, 10580
for managed stands with special reference to Black Hills, 13373
topwood, old-field slash pine plantations, 5987
volume tables and equations for young-growth western hemlock and sitka spruce in southeast Alaska, 8960

- Volnmetric analysis:**
titrimetric microdetermination of sulfur
in organic phosphorus and arsenic compounds using nitchromazo, USSR study, 13539
titrimetry, report, July 1964-June 1965, 5012
Volumetric system calibrates meters for large flow rates, 1204
Voluntary foreign aid programs, reports of American registered agencies, 6078, 7530
Voluntary Home Mortgage Credit Program, rural home financing, 14535
Volunteer workers:
head start child development centers, selection and recruitment, 4274
patient returns to community, guide for voluntary service program, 11306
summer service in war on poverty, general information, 10406
VISTA, questions and answers, 619
volunteer services for older people, references, 3724
see also Volunteers in Service to America.
Volunteers in Service to America:
amendments to economic opportunity act—
hearings, 14498
reports, 10185, 12945, 16162, 17333
print additional copies, report, 13007
correcting and curing ills of poverty (address), 8417
questions and answers about VISTA, 619
VISTA volunteer (periodical), 16222
Volusia County, Fla., schools, integration program, 13273
Vomaske, Richard F., simulator study to determine pilot opinion of trim changes, etc., for STOL airplanes, 6433
Von der Heydt, Eduard:
art collection, transfer title to Smithsonian Institution—
law, 12828
reports, 5777, 12927
Von Hake, Carl A., United States earthquakes, 317, 17051
von Oberndoff, Elisabeth, relief, 12903
Voprosy psikhologii (periodical):
translations, 6232
VORTAC, *see* Air navigation.
Vortex cone, prerefining pig iron, improvements in desilicizing techniques, 1160
Vortex flow and erosion in rocket nozzles due to warm-gas injection for thrust vector control, 4971
Vortex motion:
high-level mesovortex, characteristics, USSR study, 14875
short cylindrical chamber, velocity components and radial pressure distributions, experimental profiles, 1254
valve for medium-temperature solid propellants, 7742
Voskhod, *see* Spacecraft.
Voting:
age, projections of population, Nov. 1966 and 1968, 5488, 11476
information bulletin, Armed Forces Information and Education, 5339
information for Armed Forces, 1966, 107
rights act of 1965, first months, Civil Rights Commission report, 1749
where votes are, profile of mid-1960's, rel. to voting habits of future, 14451
Vrzich, Manojlo, *see* Verzieh, Manojlo.
V/STOL (vertical or short takeoff and landing), *see* Aircraft.
VTOL (vertical takeoff and landing), *see* Aircraft—Airplanes.
- W**
- W series, 3701
W. P. Franklin Lock and Control Structure, designate, report, 16149
W.S. series, 3006
- Waddell, Galen G., in-situ measurement of rock deformation in vein-type deep mine, 9370
Wage and Hour and Public Contracts Divisions:
interpretative bulletins, 5221, 6694, 9761-62, 11310-312, 16899, 18142
publications, lists, 1532, 15416
questions and answers, QA-IND series, 15417
Wage chronology, *see* Wages.
Wagener, Willis W., dwarfmistletoe removal and reinvasion in Jeffrey and ponderosa pine, northeastern California, 2067
Wager, Kermit, relief, 13098, 15690, 15810
Wages:
accrued vacation pay, deductibility, extend time, reports, 17221, 17524
area survey, metropolitan areas—
Akron, Ohio, 14976
Albany-Schenectady-Troy, N.Y., 13597
Albuquerque, N. Mex., 13600
Allentown-Bethlehem-Easton, Pa.-N.J., 10869
Atlanta, Ga., 13604
Baltimore, Md., 6267
Beaumont-Port Arthur-Orange, Tex., 13599
Birmingham, Ala., 13595
Boise City, Idaho, 1092, 17814
Boston, Mass., 4721
Buffalo, N.Y., 9317
Burlington, Vt., 10870
Canton, Ohio, 13596
Charleston, W. Va., 14971
Charlotte, N.C., 13602
Chattanooga, Tenn.-Ga., 1094
Chicago, Ill., 14970
Cincinnati, Ohio-Ky.-Ind., 10871
Cleveland, Ohio, 2299
Columbus, Ohio, 4724
Dallas, Tex., 6262
Davenport, Rock Island, Moline, Iowa-Ill., 4725
Dayton, Ohio, 9320
Denver, Colo., 7668
Des Moines, Iowa, 9326
Detroit, Mich., 9325
Fort Worth, Tex., 6264
Greenville, S.C., 13605
Houston, Tex., 16533
Indianapolis, Ind., 7667
Jackson, Miss., 9324
Jacksonville, Fla., 10865
Kansas City, Mo.-Kans., 6265
Lawrence-Haverhill, Mass.-N.H., 14975
Little Rock-North Little Rock, Ark., 1093
Los Angeles, Long Beach and Anaheim, Santa Ana, Garden Grove, Calif., 12212
Louisville, Ky.-Ind., 9328
Lubbock, Tex., 13606
Memphis, Tenn.-Ark., 9322
Miami, Fla., 7666
Midland and Odessa, Tex., 16532
Milwaukee, Wis., 12213
Minneapolis-St. Paul, Minn., 9319
Muskegon Heights, Mich., 14972
New Haven, Conn., 9318
New Orleans, La., 10867
New York City, 14977
Newark and Jersey City, N.J., 9327
Norfolk-Portsmouth and Newport News-Hampton, Va., 14974
Omaha, Nebr.-Iowa, 4722
Paterson, Clifton, Passaic, N.J., 16530
Philadelphia, Pa., 9316
Phoenix, Ariz., 13598
Pittsburgh, Pa., 10866
Portland, Maine, 6261
Portland, Oreg., 16529
Providence-Pawtucket-Pawtucket-Warwick, R.I.-Mass., 12214
Raleigh, N.C., 2301
Richmond, Va., 6266

Wages—Continued

area survey—continued
 Rockford, Ill., 13601
 St. Louis, Mo.-Ill., 6260
 Salt Lake City, Utah, 9315
 San Antonio, Tex., 16531
 San Bernardino, Riverside, Ontario, Calif., 6258
 San Diego, Calif., 6259
 San Francisco-Oakland, Calif., 9323
 San Jose, Calif., 4728
 Savannah, Ga., 13603
 Scranton, Pa., 17815
 Seattle-Everett, Wash., 2300
 Sioux Falls, S. Dak., 4726
 South Bend, Ind., 12211
 Spokane, Wash., 14973
 Toledo, Ohio-Mich., 10868
 Trenton, N.J., 7669
 Washington, D.C.-Md.-Va., 4723
 Waterbury, Conn., 9329
 Waterloo, Iowa, 4727
 Wichita, Kans., 4720
 Worcester, Mass., 17808
 York, Pa., 9321
 Youngstown-Warren, Ohio, 6263

chronology—
 anthracite mining industry, 16535
 Berkshire Hathaway, Inc., 4733
 bituminous coal mines, 1091
 Dan River Mills, 9336
 International Shoe Co., 13608
 Massachusetts shoe manufacturing, 6268
 Pacific Gas and Electric Co., 10874
 Pacific longshore industry, 9334

current developments, 2821

current report in developing countries, how to establish, 12209

deferred increase and escalator clauses, major collective bargaining agreements, 7664

deferred increases and wage escalation, 1966 wage calendar, 4737

earnings series, manufacturing, 1088

summary, 9204

earnings, statistics, 1909-65, United States, 6256

employee earnings and hours—
 nonmetropolitan areas of South and North Central regions, 17816
 small metropolitan areas of South, 16539

employee earnings, retail trade, June 1965—
 apparel and accessory stores, 13614
 automotive dealers and gasoline service stations, 13613
 building materials, hardware, and farm equipment dealers, 13611
 food stores, 13612
 furniture, home furnishings, and household appliance stores, 13615
 general merchandise stores, 12219
 miscellaneous retail stores, 13616
 summary release, 14984

employment and earnings (periodical), 2881

employment and earnings, and monthly report on labor force (periodical), 4734

employment and earnings statistics, 1939-65, for States and areas, 13593

equal pay facts, 14095

factory workers, earnings and weekly hours, 4736

fair labor standards act—
 coverage, construction industry, 9761
 equal pay for equal work, 5221, 18142
 forestry or logging operations, 11312
 full-time students employed in retail or service establishments, 14072
 general coverage, 11310
 handy reference guide, 16897, 18140
 motor carrier employees, extending overtime provisions, 5222

Wages—Continued

fair labor standards act—continued
 nursing homes, etc., minimum wage, and overtime provisions, 5223
 overtime compensation, 16899
 overtime pay, computing, 6693

farm labor developments, 2911

employment and wage supplement, 2912

Government employees, back pay act of 1966—
 hearing, 5823
 law, 7044
 reports, 7078, 7179

hourly—
 index for hydraulic turbine establishments, 3056
 indexes of change for shipyards, 3057

hours and earnings, labor force monthly report, 3218

industry surveys—
 banking, 2302
 candy and other confectionery products, 16537
 cigarette manufacturing, 4732
 communications, 4729
 contract cleaning services, 12220
 cotton textiles, 14979
 fabricated structural steel, 2298
 fluid milk, 4719
 footwear, 13617
 hosiery, 1090
 machinery manufacturing, 7670
 nonferrous foundries, 10873
 nursing homes and related facilities, 9335
 paints and varnishes, 17812
 paperboard containers and boxes, 9331
 petroleum refining, 17813
 sawmills and planing mills, southern, 17811
 synthetic textiles, 17809
 West Coast sawmilling, 2296
 women's and misses' coats and suits, 13619
 wood household furniture, except upholstered, 10872

manufacturing industry, developments, summary release, 3684

mental health, 1966-67, trainee stipends in social work, 11107

minimum—
 American Samoa Industries, 5218
 civil service examination announcement, amendment, 291
 District of Columbia law, amend, report, 480
 hired farm workers, 5220
 impact of 1961 increases and 1966 proposals, 10363
 progress and current status, 5249

Puerto Rico—
 retailing, wholesaling, and warehousing industry, 5217, 5225
 rubber products industry, 5219
 raise and extend fair labor standards act coverage—
 hearings, 7163, 8680, 10266
 law, 15768
 reports, 7103, 10144, 15899, 16104
 retail trade, 5224
 State laws, 5251, 11326
 State laws and orders, analysis of rates and coverage, 5233
 State legislation, weapon in war on poverty, 15431
 what good State bill does, 11331

naval installations, relief of civilian employees erroneously paid, law, 7034

net spendable earnings, monthly release, 3258

occupational earnings and wage trends in metropolitan areas, 6273, 10880, 16541

old-age, survivors, and disability insurance covered workers, statistics, 1464

- Wages—Continued
 preferential allowances paid to contractor employees at Hanford Works, Richland, Wash., AEC, GAO report, 10623
 publications, list, 3262
 railroad employees, class 1 railroads, 3685
 severance pay benefits for Federal employees, regulations, advance edition, 5703
 severance pay plans, operation and implications for labor mobility, 7663
 State—
 equal pay laws, reasons for, 12573
 payment and collection laws, summary, 9198, 12203
 sugar, rate determination, 3547
 telephone company employees, FCC rules and regulations, 2927
 union—
 building trades, 13609
 local-transit operating employees, 9333
 motortruck drivers and helpers, 13610
 printing industry, 12216
 wage board system, report, 10261
 wage calendar, 1966 agreement major expirations and reopenings, 4737
 wage-price guideposts, strengthening—
 hearing, 17380
 report, 17289
 wages and production cost in Soviet machine building, 2177
 wages and related benefits, metropolitan areas—
 occupational earnings, supplementary practices, 4718
 United States and regional summaries, 12210
 within-grade increases, supervisor development program, 6829
 women—
 earnings in low-income families, 2634
 equal pay—
 action for, 5232
 getting facts, 5242
 what principle means, questions and answers, 2633, 16913
 equal pay laws, 1965—
 California, 5236
 Missouri, 5237
 New York State, 5238
 North Dakota, 5239
 Rhode Island, 5240
 West Virginia, 5241
 what you want in State bill, 5252
 workers covered by State unemployment insurance laws, 2882
 Wages and Industrial Relations Division, publications, list, 3262
 Wagon, D. D., selected values of chemical thermodynamic properties, 9553
 Wagner, Bartlett, A., planetarium, elementary-school teaching resource, 17887
 Wagner, C. A.:
 drift of inclined-orbit 24-hour satellite in earth gravity field through 4th order, 15136
 earth's longitude gravity field as sensed by drift of 3 synchronous satellites, 16658
 equatorial ellipticity of earth as seen from 4 months of Syncom II drift over western Pacific, 12336
 equatorial ellipticity of earth from 2 months of Syncom II drift over central Pacific, 12337
 gravity potential and force field of earth through 4th order, 15137
 probable influence of gravity in determination of equatorial ellipticity of earth from drift of Syncom II over Brazil, 9513, 13802
 Wagner, Mary H., shark fishing gear, 10526
 Wagoner, Ralph E., data reduction for filter spectroradiometry, 1249
 Wahlgren, Harold E., estimating tree specific gravity of Maine conifers, 10595A
 Wahrhaftig, Clyde, physiographic divisions of Alaska, 10642
 Walakea Arboretum, survival and 5-year growth, 10576
 Wainescott, Forest H., Syncom III launch, 7886
 Wait, J. R., radio science, 3103, 3449
 Wake turbulence, 2011
 Walberg, Gerald D.:
 analytical study of diffusion-controlled char oxidation and its effect on steady-state ablation of plastic materials, 13847
 effect of nylon grain size on ablation of phenolic nylon, 13810
 Walburg, Charles H., carp, river carpsucker, smallmouth and bigmouth buffalo in Lewis and Clark Lake, Missouri River, 17676
 Waldman, Saul:
 experience under sick-pay plans in Great Britain, 18101
 income loss protection against short-term sickness, 1472
 old-age benefits for workers retiring before age 65, 1470
 Wales:
 mortality trends, changes, 5121
 plant quarantine requirements, 14116
 Walk-in-space, see Outer space.
 Walker, C. J., evaluation of ethylene as gas tracer in underground gas storages, 10929
 Walker, Charles R., relation of chemical structure to fish toxicity in nitrosalicylanilides, etc., 14674
 Walker, Forrest E., forms of sulfur in U.S. coals, 15010
 Walker, George W., mineral resources of Mount Jefferson, primitive area, Oreg., 10636
 Walker, Jack R., relief, 7024, 8692
 Walker, Robert H., selling in Belgium, 12781
 Walking, see Gaits.
 Wall, Brian:
 Oregon log production, 4480
 Washington timber harvest, 5998
 Wallace, L. E., stem sawflies of economic importance in grain crops, 5298
 Wallace, Roberts M., geology and mineral resources of Pico de Itabirito district, Minas Gerais, Brazil, 4518
 Wallace, Sarah L., quarterly journal of Library of Congress, 3441
 Waller, Roger M., effects of earthquake of Mar. 27, 1964 in Homer area, 13410
 Walls, seawall, Texas City, Tex., stability, hydraulic model investigation, 11898
 Walnut Creek, project, drop structures, hydraulic model investigation, 13296
 Walnuts:
 black walnut culture, papers, 17681
 black walnut logs, export control, hearings, 4214
 more timber faster, 8951
 Walsh, Thomas M., effects of Gemini left-hand window on experiments requiring accuracy in sighting or resolution, 17927
 Walsh-Healy public contracts act, see Government contracts.
 Walter F. George Lock and Dam, relocation of railroad facilities, Engineers Corps, Army, GAO report, 6024
 Walter Reed Army Institute of Nursing, educational opportunities for students interested in field of nursing, 3844
 Walter Reed Army Medical Center, military construction, authorization, report, 17253
 Walters, Jack G., light oils from fluidized carbonization, 6312
 Walton, Paul T., oil and gas lease, reinstate, report, 17491
 Walwick, E. R., detection of protein in trace amounts, 9435
 Walz, Joseph E., thermal distortions of thin-walled paraboloidal shells, 15161
 Wampfler, Gene L., light-transmitting and light-scattering properties of smoke, 17683
 Wan Kin Chung, see Won, Chung K.

- Wanek, Alexander A., geology of northwest quarter of Anaconda quadrangle, Deer Lodge County, Mont., 12013
- Wang, Han-chung, tables of natural frequencies and nodes for transverse vibration of tapered beams, 9417
- Wang, James T.-S., axisymmetric response of cylindrical, etc., shells to loading, 15069
- Wang, K. P.:
mineral industry of—
Japan, 4769
mainland China, 2332
Mongolia, 1133
regional mineral industry review of Far East, 7705
- Wanhainen, John P., effect of propellant injection velocity on screech in hydrogen-oxygen rocket engine, 7884
- Wann, E. N., commercial growing of sweet corn, 14135
- War:
innovation and reform in warfare, 14166
Vietnam—
assistance to enemies of U.S. in time of undeclared war, make punishable, hearings, 15994
questions and answers, 108
world nuclear-rocket war, essence, USSR 1040
- War claims, *see* Claims.
- War on poverty, hometown fight, community action program, 7285
- War relief, benefits for employees of contractors, 13285
- War risk insurance:
aircraft coverage, extend authority until 1970—
law, 11556
reports, 10315, 11622
- War that never ends, fact about pest control, 17735
- Ward, Cordelia T., wage calendar, 1966, major agreement expirations and reopenings, 4737
- Ward, Edward J., remarks, May 18, 1966, 10037
- Ward, Helen L.:
physiological studies employing radioisotopes, 5401
radioisotopes in medicine, 159
- Ward, Porter E., hydrology of Guam, 4519
- Ward, Robert D., relief, 14352
- Ware, Glen C., platinum-group metals, 17851
- Ware, Robert L., jr., basic data on economy of Kenya, 346
- Warehouse examiners, examination announcement, 5523
- Warehousemen, ten rules for food warehousemen (poster), 13351
- Warehouses:
affiliated produce, reducing operating costs, 5287
commercial service plan, Defense Dept., general merchandise and refrigerated storage, 17609
industry in Puerto Rico, minimum wage rates for newly covered employment, data, 5217, 5225
packaging product at central warehouse, 1589
refrigerated, capacity, 18127
space, census of business, 1963, wholesale trade, subject report, 8326
- Warfare, *see* Air warfare—Atomic warfare—Guerrilla warfare—War.
- Warfield, Robert S., sampling and coking studies of coal from Kukpowruk River area, Arctic northwestern Alaska, 12240
- Warm Springs, Ga., climatic summaries of resort areas, 5898
- Warm Springs Reservation, timber, potential for intensive management, 13424
- Warner, O. Ray, cost of secondary school guidance services, 4297
- Warnick, Donald C., growth rates of yellow perch in 2 North Dakota lakes after population reduction with toxaphene, 11977
- Warning systems:
civil defense, program materials for successful meetings, 8383
engine failure, single-engine turbine helicopters, protective requirements, 3838
- Warnke, Paul C., nomination, hearing, 17571
- Warp reduction, news and views of this kiln drying business, 4439
- Warrant officers, *see* Coast Guard Reserve.
- Warren, Ohio:
area wage survey, 6263
commodity transportation survey, production area series, 8344
- Warrior River, Ala., lock filling and emptying system, Holt Lock and Dam, 1993
- Warsaw Pact, role in Soviet bloc affairs, 10351
- Warsaw University, nuclear chemistry, Hungarian scientist reports on studies, 12104
- Warshay, Marvin, shock-tube investigation of bromine dissociation rates in presence of argon, neon, and krypton, 13821
- Warships:
loan to China—
law, 8474
report, 4172
loan to friendly foreign countries, law, 426
loan to Spain, agreement, 15353
U.S., recognition identification guide, 11158
- Warwick, E. J., influence of environment on growth and reproduction of cattle, 5268
- Warwick, R.I.:
area wage survey, 12214
commodity transportation survey, production area series, 8339
- Washers (metal):
beat-sink contract with beryllia washer improved by mounting, 7798
- Washichek, Jack N.:
water supply outlook and Federal-State-private cooperative snow surveys—Colorado and New Mexico, 3688
Colorado and Wyoming, 9713
Colorado early season snow report, 2572
- Washington, George, 5-cent regular postage stamp, 5087
- Washington, George, Memorial Parkway, *see* George Washington Memorial Parkway.
- Washington, N.C.:
and vicinity, hurricane survey, engineer report—
departmental edition, 10438
document edition, 10104
- Washington, D.C., *see* Capital of United States—District of Columbia.
- Washington Channel:
bridge, construction, maintenance, and operation, with visitor facilities, hearing, 17598
bridge, designate Francis Case Memorial Bridge, report, 479
- Washington Metropolitan Area Transit Authority:
compact, approval—
hearings, 15983
message from the President, 15783
reports, 15891, 16107
- Washington Monument, flags, raising and lowering ceremonies, provide, report, 12939
- Washington National Airport, high-speed ground transportation to, study, report, 13153
- Washington State:
census of manufactures, 1963, area statistics, 14252
climatological data, 2751
coast pilot, supplement, 5534
county business patterns, 242, 5471
eastern, relation of Rhizobia to alfalfa sickness, 6709

INDEX 1966

- Washington State—Continued
 electric rate book, 2022
 insect outbreaks, 787
 Kittitas County Soil and Water Conservation District, irrigation water keeps the West alive (colored poster), 9708
 land in Columbia River at the mouth project, retrocede jurisdiction to—
 hearing, 13018
 law, 11561
 reports, 8742, 10180
 life tables, 18055
 manpower use in wood-products industries, 10603
 manufacturing plants, location by county, industry and employment size, 1963 census, 16997
 mineral and water resources, 7218
 mineral industry, minerals yearbook chapter, 1150
 postal map, 13945
 precipitation data, hourly, 3045
 recreational opportunities, study team report, hearings, 14488
 print additional copies, reports, 10195, 10291, 14399
 southwest, timber resource statistics, 5999
 surface water records in Pacific slope basins to Dec. 31, 1963, index, 2099
 timber harvest, 5998
 water supply outlook and snow surveys, 3694
 weather stations, decadal census, 4346
 western, blacktail deer and Roosevelt elk, bibliography, 10616
 Yakima basalt and Ellensburg formation of south-central area, 13402
 Wasieko, Richard J., application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses to ogive wing aircraft, 15072
 Wasko, Robert A., wind-tunnel investigation of thermal and pressure environments in base of Saturn S-1C booster from Mach 0.1 to 3.5, 16678
 Wasserbauer, Charles A., cold performance evaluation of radial-inflow turbine designed for Brayton-cycle space power system, 4977
 Wasserbauer, Joseph F., 5-centimeter-diameter electron-bombardment thruster with permanent magnets, 15199
 Wasson, Tex.:
 crude oil, presence of thlenothiophenes in Wasson, Tex., crude oil, 12251
 sulphur compounds, crude oil distillate boiling from 111° to 150° C, analysis, 12257
 Waste (economics):
 USDA's achievements in combatting war on waste (remarks), 9837
 Waste disposal, *see* Radioactive waste disposal—Sanitation—Waste products.
 Waste products:
 disposal—
 industrial wastes by Federal installations, report, 12913
 sanitary and industrial waste sewers, Army technical manual, change, 5369
 industrial waste—
 sanitary engineering, Army technical manual, 5370
 synthetic textile industry, guide, 2533
 mineral by-products from saline waters, 17737
 pollution treatment works, construction assistance, hearings, print additional copies, report, 5758
 solid waste disposal, research—
 amendments, description, 2107
 laws, 396, 7999, 13049
 water renovation, waste treatment research, Lebanon facility, general information, 17670
 see also Scrap.
- Watanabe, Stella K., personal finance and investment, 5322
 Watanabe, Yoshiko, *see* Ridgely, Kazuyo W.
 Watch repairmen, *see* Watchmakers.
 Watchcases, census of manufactures, industry report, 3904
 Watches, *see* Clocks and watches.
 Watchmakers, repairmen, employment outlook, 9289
 Water:
 absorption of high-frequency ultrasonic vibrations in alcohol-water mixtures, USSR study, 13518
 acid mine, application of saline water conversion processes, 16374
 agricultural management in India, 10683
 Alabama, used in mineral industry, 15033
 Arizona, water table characteristics under tamarisk, 4453
 atmospheric, authorize research to increase yield, hearings, 13220
 balance, USSR studies, 7626
 bond sales, 11964
 brackish water conversion demonstration plant—
 Roswell, N. Mex., reports, 9036-37
 Webster, S. Dak., report, 4555
 bulk, surface-chemical displacement from solid surfaces, 16756
 cleanup and confirmation of identity of pesticide residues by thin-layer chromatography, 14113
 cold, tests of USAF anti-exposure suits, 76
 Colorado, early season snow report, 2572
 Columbia River basin—
 discharge at gaging stations, etc., 3543
 resources, cooperative development, agreement with Canada, 2584
 storage in major power reservoirs, monthly report, 3543
 condensed, in thunderstorms, measurements, 15421
 conservation—
 abstracts of materials published, 9775, 14101
 conservation through research (remarks), 3769
 fund, 1st year and half, 15255
 Great Plains program, progress report, 1597
 needs broaden after 30 years, 15468
 new dimensions (remarks), 1607
 scientific careers in Agricultural Research Service, 1591
 conservation districts, tax treatment, report, 17562
 data records, review of procurement for implementing automation, Geological Survey, GAO report, 13381
 Delaware, general information, 6039
 desalting by crystal hydrate method, USSR study, 2202
 displacement, measures human body density and fat of adult male, 14235
 distribution systems, Army technical manual, 9905
 efficiency of gas displacement from water-drive reservoir, 7708
 electrochemical demineralization with carbon electrodes, 10674
 Federal grant assistance, as provided under housing and urban development act of 1965, 4541, 6049
 Federal-State cooperative snow surveys, etc. Colorado and New Mexico soil moisture stations, list and location, 8029
 Federal-State-private cooperative snow surveys, Colorado and Wyoming, special report, 9713
 focus on clean water, action program for community organizations, 8932
 forced convection boiling burnout for water in uniformly heated tubular test sections, 8288

Water—Continued

fresh—

- discharge-salinity relations in tidal Delaware River, 10647
- relation of salt water (series), 10648
- geochemistry of water (series), 13414
- Georgia, use, occurrence, problems, etc., 827
- ground water—
 - artificial recharge (series), 13416
 - Atlantic Coastal plain flow patterns, 12022
 - Aurora area, St. Louis County, Minn., 7491
 - changing pattern of development on Long Island, N.Y., 9016
 - Huerfano County, Colo., 7490
 - Las Vegas basin, Nev., available water supply, 828
 - research in United States, 13405
 - safety from radioactivity from nuclear explosion, Project Dribble, 5416
 - southeastern States, 4528
 - Tabulbah area, Tunisia, occurrence, chemical quality and use, 16362
 - upper Pawcatuck River basin, availability, 17730
 - utilization in Santa Maria Valley area, Calif., 9024
 - White Sands Missile Range and vicinity, northern part, 829
- has United States enough water?, 4527
- hot, distribution systems, maintenance manual, 5255
- Humboldt River Valley near Winnemucca, Nev., 9023
- immersion technique for study of mobility of pressure-suited subject under balanced-gravity conditions, 4900
- information resources in U.S., directory, 16544
- interlamellar, migration and crystallization during freezing and thawing of Wyoming bentonite, 8243
- interstate carrier, supplies, by States and Public Health Service regions, inventory, 15285
- ionite method applied to obtaining desalted apyrogenic water, USSR study, 7633
- local turbulent heat transfer in entrance regions of tubes with various unheated starting lengths, 1264
- Lompoc subarea of Santa Ynez River basin, suitability of irrigation water and changes in ground-water quality, 4529
- low, forecasting runoff of mountain rivers in central Asia, USSR study, 6216
- masses, general circulation, USSR study, 16439
- mechanism of Boule flotation, 16375
- modular porous plate sublimator requires only water supply for coolant, 16632
- multiple-purpose projects, uniform policies with respect to recreation, etc., and cost allocation, report, 1832
- municipal facilities, inventory 1963, statistical summary, 2540
- natural, spectrographic analysis (series), 17726
- Nevada, fall summary, 16834
- notes on hydrologic activities bulletin, 17736
- organic substances in water (series), 12030
- Pacific Northwest—
 - annual peak discharge at selected gaging stations, 14745
 - current discharge at selected stations, 3543
 - month-end storage in major reservoirs, 3543
- water resources—
 - summary, 3308
 - weekly runoff report, 3309

Water—Continued

- production in polar ice cap by utilization of waste engine heat, 8247
- Public Health Service supply and pollution control program, 1410
- quality—
 - act of 1965, general information, 4540
 - New Jersey streams, characteristics, 12031
 - Potomac River estuary, 14749
- radiochemical, analysis in reactor, chromatographic separation, USSR study, 14852
- radionuclide analysis, 12465
- rain traps for intercepting and storing for livestock, 14133
- renovation pilot plant, Lebanon facility, general information, 17670
- requirements and uses—
 - Nevada mineral industries, 12234
 - New Mexico mineral industries, 2319
- research, selected summaries, 14648
- resource development proposals, Interior Dept. to investigate feasibility—
 - hearings, 11810
 - law, 15739
 - reports, 13151, 17214
- resources—
 - administrative regions of Azerbaydzhan SSR, estimate, 14892
 - China, plans and prospects for development, 889
 - conservation, code of Federal regulations, 8921
 - cooperative, research and training, report, 6057
 - Dayton, Ohio, area, 9022
 - Fort Huachuca Military Reservation, southeastern Arizona, 13417
 - Gunpowder Falls, Md., uses today and tomorrow, 6041
 - Humboldt River Valley, 2106
 - investigations, selected techniques, 12032
 - Johnson County, Wyo., northern and central, 12028
 - lower Colorado River, Salton Sea area (series), 16360
 - Mississippi embayment (series), 6032, 10641
 - Mississippi River, upper, comprehensive basin study, 7331
 - national data network, 7483
 - national problems and programs, comprehensive review—
 - hearings, 11811
 - report, 11745
 - Sheridan County, Wyo., 12029
 - socio-economic aspects, bibliography, 13427
 - technical publications, 8010, 16817, 18088
 - Texas and New Mexico high plains, 5266
 - United States, selected references, 2093
 - Washington State, 7218
 - Waterbury-Bristol area, Conn., 823
 - Winnebago County, Wis., 10649
- resources research—
 - establish centers, etc., amend act, hearings, 7152
 - Federal program, 11215
 - Federal ten-year program, 6596
 - more adequate program—
 - law, 8480
 - reports, 8550, 8569
- respiratory water loss, effects of reduced barometric pressure, 6814
- runoff in playas, management, etc., 15435
- safeguarding from agents of mass destruction, USSR study, 891

Water—Continued
saline—

- corrosion mechanisms, research using reversible and irreversible electrodes, 12052
- demineralization by environmentally modulated adsorption, 4551
- mineral by-products, 17737
- research program, hearings, 8671
- saline conversion—
 - combination nuclear power and desalting plant, feasibility studies, 5412, 6863-64
 - communities for demineralization applications, survey, 7514
 - conceptual design of 50 million gallon per day desalination plant, 846-847, 2111, 6055, 6058-59, 9034, 10662-664, 12042-43, 12045, 12055, 13430
 - conceptual design of 150 million gallon per day desalting plant, 16370
 - demonstration plant, Freeport, Tex., annual report, 12049
 - design study of reverse osmosis sea water conversion plant, 9038
 - engineering data book, 850
 - engineering evaluation of factors affecting quality of water sources available for saline water conversion plants, 13435
 - freezing and reverse osmosis, research, 7516
 - mechanism of electrode demineralization, 6067
 - membrane technology, bibliography, 6066
 - necessity for research (remarks), 7510
 - nuclear energy for desalting, 15548
 - nucleation and growth of ice crystals, 4552
 - processes, application to acid mine waters, 16374
 - report, 16371
 - reverse osmosis systems, 9042
 - scale control for distillation plants, 9043
 - structure and properties of reverse osmosis membranes, 2114
 - thermophysical properties, saline water systems, 12054
- saline water research and development progress reports, 851-853, 2114, 4550-58, 6063-67, 7512-16, 9036-44, 10671-678, 12048-54, 13435, 14770-774, 16372-378, 17737-740
- sealed fluid, gas ingestion and sealing capacity of helical groove fluid film seal, 7866
- solute and water transport across biologic membranes, 14774
- southern Nevada project, amend sec. 6 of act—
 - law, 12835
 - reports, 8730, 10178
- spray protects stored logs in Hilo, Hawaii, 10574
- static, removal from fuel cells, reaction heat used, 4850
- steady-state performance of modified Rankine cycle system, 6470
- supplies and demands, estimates and projections to year 2000 of needs of 19 major drainage basins, 4527
- supply—
 - Arizona, 9021
 - atom quenches thirst, USSR study, 1069
 - available, Las Vegas ground-water basin, Nev., 828
 - Chesapeake Bay-Susquehanna River basins project, 16291
 - Colorado River, watershed conditions affecting, 3564
 - general considerations, technical manual, 1653
 - protecting at its source, 6767
 - publications, 5117

Water—Continued
supply—continued

- recharge studies on High Plains in New Mexico, 10650
- Soviet conferences, 10713
- supply and forests, general information, 16922
- western, U.S. fall summary, 18103
- supply outlook—
 - Arizona, 3687
 - Colorado and New Mexico, 3688
 - Idaho, 3689
 - Montana, 3690
 - Nevada, 3691
 - Oregon, 3692
 - Utah, 3693
 - Washington State, 3694
 - western United States, including Columbia River drainage in Canada, 3695
 - Wyoming, 3696
- surface layer, thermal radiation sounding from radiation of heat, 16411
- surface water—
 - chemical quality, Heart River drainage basin, N. Dak., 14755
 - organic acids in naturally colored waters, 12030
 - quality—
 - Ohio River and St. Lawrence River basins, 832
 - United States, 6037, 10652, 12033, 14756, 16364
 - western States, irrigation, 6044
 - records to Dec. 31, 1963, index—
 - Alaska, 2100
 - Hudson Bay and upper Mississippi River basins, 2098
 - North Atlantic slope basin, 4515
 - Ohio River basin, 2096
 - Pacific slope basins in Washington and upper Columbia River basin, 2099
 - St. Lawrence River basin, 2097
 - south Atlantic slope and eastern Gulf of Mexico basins, 2095
- trace organic materials, determination, 6065
- use in—
 - mineral industry, 6290
 - petroleum and natural gas industries, 6289
- vapor jets, measured performance for altitude control systems, space vehicle, 13846
- water and sewer facilities grant program—
 - guide, 6048
 - HUD information series, 6049
- water and slush, ground-run tests with bogie landing gear, 13827
- water for peace, international conference, organize and hold in U.S., 1967—
 - hearing, 13033
 - report, 12959
- water in Flatland (remarks), 14753
- water-injection profiles, changing by selective plugging, field study, 4802
- water resources of industrial areas (series), 823
- water-resources reports, announcement, 2679
- water resources review (periodical), 3686
- water supply and pollution control, environmental health series, 9624
- water supply of Indian reservations (series), 824
- water supply papers, 823-832, 2105-6, 4526-30, 6037-44, 7490-91, 9021-25, 10647-652, 12028-33, 13414-417, 14754-756, 16362-364, 17725-731
- well drilling in United States, regional trends, 14750
- western development, summary of resources, projects, plans, and studies relating to western and midwestern U.S., 7236

Water—Continued
wetting of gold and platinum, 9595
White Sea, active layer, temperature, method of calculating, USSR study, 12157
see also Sea water.

Water birds:
hunting, possession, transportation, importation in Alaska, Federal regulations governing, 14673
migratory, Federal regulations, hearings, 17390
status report, 7443

Water carriers:
class A and B, revenue and traffic, quarterly, 3475
operations, exemptions from certain provisions of shipping act, 1916, reports, 14456, 17293
transport statistics, 6101

Water Conservation Month:
designate—
law, 428
report, 555

Water fleas, marine cladoceran *Penilia avirostris* observations in northwestern Atlantic waters, 7444

Water fowl, *see* Water birds.

Water pollution:
adequacy of technology for pollution abatement—
hearings, 17394
report, 13060
Belorussian SSR, study, 13533
biological problems, 3d seminar, 9624
building for clean water, progress report, 7427
Chesapeake Bay-Susquehanna River basins project for water supply and water quality management, 16291
clean rivers restoration act of 1966, pollution control and abatement in selected river basins, program—
analysis of bill, 8679
hearings, 10371, 13058
reports, 13150, 15909, 15925, 17324
community sewage treatment needs under construction grants program, 7429
conference, pollution of navigable waters of Detroit River and Lake Erie and their tributaries in Michigan, proceedings, 5103
control—
Federal program, 5960
Great Lakes region, hearing 15974, 17381
Missouri-Souris-Red River basins, comprehensive program, 17669
necessity is now (remarks), 14768
publications, 5117
research and training grants—
awards, 1446
publications and reports, index, 10517
Southeastern comprehensive project, 14649
control act, amend—
analysis of bill, 8679
hearings, 10371, 13058
print additional copies, report, 5758
reports, 13150, 15909, 15925, 17324
control act, as amended, text, 7428, 13409
control and abatement—
disposal of sewage and industrial wastes by Federal installations, report, 12913
steps toward clean water, 7235
tax incentives and effluent charges, views of Governors, report, 7092
control functions, transfer—
hearings, 8669, 10350
message from the President, 5613
report, 8639
fish kills, 13332
Interior Department playing vital role in war against (remarks), 13434

Water pollution—Continued
interstate waters, of Grand Calumet River, Little Calumet River, Calumet River, Wolf Lake, Lake Michigan and tributaries, conference—
proceedings, 7493
technical session, 11962
conclusions, 11961
Klamath Basin study, 8933
Lake Erie and tributaries, conference, proceedings, 11963
Mahoning River and tributaries, interstate waters, conference, proceedings, 6572
need for water quality control (remarks), 10667
oil industry (remarks), 7511
preserving our natural heritage, message from the President, 5612
Public Health Service control program, report, 1419
radioactive, in Colorado River Basin, hearing, 11832
seas, by oil, international convention for prevention, amendments, implementing—
law, 15730
reports, 12911, 14464
separating storm and sanitary sewers in urban renewal, report, 15847
STORET II, storage and retrieval of data for open water and land areas, 17671
storm water, program to combat pollution, 13333
surveillance system, stations, common diatoms, guide, 13331
water supply and pollution control, environmental health series, 9624

Water Pollution Control Advisory Board:
transfer—
hearings, 8669, 10350
message from the President, 5613
report, 8639

Water power:
resource appraisals for hydroelectric licensing, planning status report—
Housatonic River basin, 4384
Kennebec River basin, 4385
Penobscot River basin, 4386
Piscataqua River basin, 4387
Presumpscot River basin, 4387
Saco River basin, 4387
resources—
Nehalem River basin, Oreg., 826
sites in Alsea River basin, Oreg., 17727
United States (series), 826, 17727

Water purification:
effect on build-up of radioactive products of corrosion in pressurized-water reactor, 10745
equipment, Federal item identification guides for supply cataloging, supplements, 2935
how to purify and disinfect water with simplest means, USSR study, 6228
unit, Erdlator trailer mounted, rigging, airdrop, 8268

Water Resources Council, appropriations, 1967, public works, hearings, 10229

Water Resources Research Committee, report, 6596

Water Resources Research Office, appropriations, 1967, hearings, 7113

Water stills, *see* Stills.

Water supply, *see* Water.

Water Supply and Pollution Control Division, activities of Basic and Applied Sciences Branch, report, 1410

Water systems:
bond sales, 11964
corrosion studies, USSR, 924
serving rural areas, FHA insured loans, general information, 6769
sewage and water works construction, contract awards, 16292

INDEX 1966

- Water vapor:
atmospheric, use in measurements of
brightness of earth, USSR study, 16408
electrolysis unit, design and development,
16613
TIROS IV radiation data tropospheric wa-
ter vapor content and surface tempera-
tures, 16306
vertical distribution of water vapor over
Kwajalein Atoll, Marshall Islands,
12440
Waterborne commerce, *see* Commerce.
Waterbury, Conn.:
area wage survey, 9329
commodity transportation survey, produc-
tion area series, 8340
Waterbury-Bristol area, water resources,
823
Watercraft, *see* Ships.
Waterflooding, *see* Petroleum.
Waterfowl, *see* Ducks—Water Birds.
Waterfront operational facilities:
inspection, repair and preservation of
structures, marine biology handbook,
5256
Navy design manual, changes, 1569
Waterloo, Iowa, area wage survey, metro-
politan area, 4727
Waters, William J., columbium-modified
NASA TAZ-8 superalloy, investigation,
15188
Watersheds:
burned, emergency revegetation to re-
habilitate in southern California, 10605
economic and resource development, sum-
maries—
Bear Creek, 2602
Elk River, 2606
Yellow Creek, 2614
loans, 59
management research, bibliography, 10601
projects, miscellaneous, hearings, 4119
protection and flood prevention act,
amend—
hearings, 4118
law, 1788
reports, 495, 556
small flood routing, numerical techniques,
8125
treatment, effects on streamflow, estimat-
ing, 8171
work begins on farm, 6763
see also names of rivers, etc.
Waterstops, nonmetallic, water retentivity
and tensile strength of splices, 4342
Waterton-Glacier International Peace Park,
see Glacier National Park.
Waterways, *see* Inland waterways.
Waterways Experiment Station:
contract reports, 4335-36, 8861
instruction reports, 677, 1990
miscellaneous papers, 4337, 7333-34,
8862-63, 10439-441, 11896
performance of sand under tire loads,
WES data, dimensionless consolidation,
4336
publications—
available for purchase, 11895
list, 14573
research report, 10442
technical reports, 678-682, 1991-93,
4338-44, 5887-91, 7335-38, 8864-65,
10443-446, 11897-899, 13295-298,
14575-576, 16249-251
Waterweed, aquatic weed control studies,
8010
Watkin, William W., Jr., appointment, 11616,
13121, 14335
Watkins, J. R., sets of similarity ratios for
thermal modeling, 11072
Watkins, William H., effect of intensity
changes in auxiliary stimuli on auditory
and visual signal detection, 5317
Watson, Harold, reclaiming gin-loss cotton,
11367
Watson, Harold A., portable methane detec-
tors, effects of gases in mine atmospheres,
9361
Watt, Lois, B., south and southeast Asia,
7322
Watt, William C., materials for Placebo V,
5015
Watts, Gwendolyn M., apparent consumption
of industrial explosives and blasting
agents in United States, 16552
Wave forms, load-impedance and waveform
effects of linear class B audio amplifier
output-power capability analysis, 16758
Wave functions:
Helmholtz equation, nonseparable solu-
tions examined for applications, 15523
single particle energy levels and wave
functions in nuclear structure calcula-
tions, Fortran program, 16720
Wave generators, pneumatic, approximate
theories, hydraulic laboratory investiga-
tion, 10442
Waveforms, *see* Wave forms.
Waveguides:
earth's crust and subcrustal layer, USSR
study, 6154
macroscopic waveguide and waveguide
components for optical systems, devel-
opment, 4804
USSR all-Union scientific session devoted
to Radio Day, 13561
Wavelengths, submillimeter, RF absolute
power, measured with ferroelectric
bolometer, 6377
Wavemeters, use in evaluation of brain po-
tentials, 1021
Waves:
design for optimum wave conditions, Dana
Point Harbor, Dana Point, Calif., hy-
draulic model investigation, 13295
diffraction, 3d all-Union symposium, ab-
stracts of reports, USSR, 2209
multiply reflected waves during vertical
seismic profiling, USSR study, 13451
ocean—
direction gage, 8856
surge-action model of Monterey Harbor,
feasibility study, 8861
propagation of cylindrical and spherical
elastic waves by method of characteris-
tics, errata, 11046
sea, earthquake of Mar. 27, 1964, at Val-
dez, Alaska, effects, 6036
surface wave rays, calculating and plot-
ting, 13291
wind-wave angular spectrum, USSR study,
16413
see also Breakwaters—Electric waves—
Magnetic waves—Pressure waves—
Pulse waves—Radio waves—Seismol-
ogy.
Waxes, Federal item identification guides for
supply cataloging, supplements, 2937
Waynesboro, Ga., railroad accident, 12079
Ways and Means Committee, House:
calendar, 3127
committee prints, 533, 1873, 1877, 1937,
4149, 4152, 5712, 7168, 10273, 11691,
14445-446, 17401
hearings, 534, 1876, 4151, 5713-14, 7167,
7169, 11692-693, 15996-997, 17400
legislative history—
H.R. 4750, interest equalization tax ex-
tension act of 1965, 4150
H.R. 8000, 17398
H.R. 8371, excise tax reduction act of
1965, 89th Congress, 1875
H.R. 8464, public debt ceiling, 89th
Congress, 532
H.R. 12752, 17399

Ways and Means Committee, House—Con. reports, 1837, 5636, 5648-49, 5658-59, 8553-62, 8605, 8618, 8633, 10140, 10174, 10223, 11617, 11633, 12978-979, 15879, 15932, 15936, 17184-192, 17218, 17221, 17226, 17230, 17282, 17304-307, 17309, 17316-318, 17328-329, 17331, 17334-335, 17337

statements on Federal tax lien act, 7166

Weapons:

against poisons, USSR study, 4595

components, contracts, prices negotiated, Army Dept., GAO review, 8997

Federal item identification guides for supply cataloging, supplements, 2940

German, obsolete, donate to Federal Republic of Germany—

law, 15716

reports, 10141, 13174

machine guns, manual, automatic, and airborne repeating, history, evolution, and development, 1385

mass destruction, defense against in rural area, USSR study, 973

nuclear—

and Atlantic Alliance, bibliographic survey, 8256

and international safeguards (remarks), 171

combined trauma, research, clinical management and planning, review, 12483

defense against, USSR study, 2173

effects, self-teaching materials, 17030

principles, Navy training text, 15248

security covers, procurement and utilization, Atomic Energy Commission and Defense Dept., GAO review, 16349

test ban negotiations, International, Sept. 1962-Sept. 1965, review, 11389

nuclear, nonproliferation—

hearings, 7049

reports, 8747, 10282

radioactive fallout from nuclear weapons tests, conference proceedings, 5384

rigging M28 and M29 systems, Army technical manual, 15518

systems—

air defense artillery, qualification program, Army field manual, 12653

damage assessment measuring effectiveness criteria (paper), 658

systems and other major end items production, policy guidance strengthened on direct procurement of components needed by contractors, Defense Dept., GAO report, 8988

weapons and equipment, recognition guide, Southeast Asia, 6840

Weapons System Evaluation Group, scientific information activities, 13890

Wear, John P., tree marking system improves forest spraying operations, 8952

Wearing apparel, see Clothing.

Wease, Dorothy F.:

analysis of human serum lipids for clinical investigation, 1620

simplified test tube method for analysis of total cholesterol and glycerides in human serum, 12640

Weather:

adverse, hampered Lake States pulpwood production, 14702

aviation weather procedures, handbook, 102, 8221, 14198

Colorado Rockies high mountain pass, 4475

daily weather and river bulletin—

Albuquerque, N. Mex., area, 2830

Houston, Tex., area, 2831

Little Rock, Ark., area, 2832

Memphis, Tenn., area, 2833

Montgomery, Ala., area, 2834

New Orleans, La., area, 2835

Sacramento, Calif., area, 2836

Weather—Continued

is it possible to influence?, USSR study, 14797

key to aviation weather reports, 11316

maps—

daily weather map, 2837

synoptic, Northern Hemisphere, 2827

mariners weather log (periodical), 3180

messages, electroluminescence vs teletype readability, information processing, study, 6801

observations, TOS project, 13852

publications, price list, 13951

radar, papers, 1536

radio aids—

Atlantic and Mediterranean area, 2485, 12409

Pacific and Indian Oceans, 5058, 7961, 13599

review, monthly, 3223

Service A schedules, ATS handbook, 104, 6819, 9879, 16953

service A weather reporting sequence, map, 14076

service for merchant shipping, 5230

standard summaries, guide, changes, 2501, 11156

weather and construction industry, general information, 17637

weather and crop bulletin (periodical), 3703

weather and radiological surveillance, Nevada Test Site, Project Handcar, 3848

world records, 1951—

Europe, 14581

South America, Central America, etc., 17638

see also Meteorology.

Weather Bureau:

circular, 8112

cooperative weather observer, 5226

operations, semiannual report, 15422

press releases, 3412

research progress and plans, 9766

technical papers, 5229, 9767, 14077, 16901

Weather control:

law, controls, operations, survey of answers to questionnaire, 16743

methods to modify clouds, experience, USSR study, 14949

modification act of 1966, hearings, 11798, 13198

modification and control, report, 10280

modification, annual report, 5051

modification program, expand, etc., report, 17538

modification to increase yield of atmospheric water, authorize research, hearings, 13220

weather and climate modification, report, 16742

Weather forecasts:

average outlook, monthly, 2699

coastal warning facilities charts—

Canadian border to Eureka, Calif. and Alaska, 11314

Cape Hatteras, N.C. to Brunswick, Ga., 12559

eastern Florida, 7339

Eastport, Me. to Montauk Point, N.Y., 15418

Eureka to Point Conception, Calif., 11315

Hawaiian Islands, 12560

Manasquan, N.J. to Cape Hatteras, N.C. and Chesapeake Bay, 12561

Montauk Point, N.Y. to Manasquan, N.J., 15419

Morgan City, La. to Apalachicola, Fla., 7340

Point Conception, Calif. to Mexican border, 9764

Puerto Rico and Virgin Islands, 12562

computerized at Rumanian Atomic Physics Institute, 14841

forecasting from harmonic periods in precipitation, 9648

Weather forecasts—Continued

- key to aviation weather forecasts, 11316
- numerical methods, present status, USSR study, 14874
- numerical model for short-range forecasting of stratiform cloud cover, USSR study, 14795
- radiation prediction, Project Dribble, Salmon event, 5414
- short range, numerical method, international training seminar of WMO, European countries, USSR study, 14868
- small craft, gale, and whole gale warning facilities charts, 15423-424
- synoptic-statistical method for forecasting anomalies of seasonal precipitation, USSR study, 14876
- teletypewriter communications system, modernized, technical report system, description, 15384

Weather modification, *see* Weather control.

Weather observers, *see* Meteorological observers.

Weather satellites, *see* Satellites.

Weather stations:

- atmospheric electricity, data from system, 5070
- cooperative meteorological program, agreement with Mexico, 12530
- cooperative program on Guadeloupe Island, agreement with France, 16867
- decadal census, Washington, 4346
- forecasting air pollution potential, PIIS advisory service, 11182
- index, 16748

Weathering:

- concrete and concreting materials, performance, investigation, 4343
- glass reinforced plastics, 7268
- porcelain enamels, exposure test, 12380

Weaver, George L-P:

- addresses—
- Mar. 25, 1966, 7643
- Aug. 15, 1966, 13587
- Sept. 6, 1966, 16511
- Oct. 14, 1966, 16512

Weaver, Robert C., nomination, hearing, 4212

Weaving mills:

- broad fabric weaving, current industrial reports, 246
- census of manufactures, 1963, industry report, 6861

Webb, Charles A., nomination, hearings, 4215

Webb, James E., national power and prestige in space, 13851

Webb, Tarvin F., feasibility tests of selected stimuli and devices to drive livestock, 8130

Weber, Cornelius I., common diatoms at water pollution surveillance system stations, 13331

Weber, Dean F., relation of Rhizobia to alfalfa sickness in eastern Washington, 6709

Weber, Herman L., soil survey report, Grand Traverse County, Mich., 66615

Webster, S. Dak.:

- brackish water conversion demonstration plant, annual report, 4555
- electrodialysis plant, feed water quality improvement, pilot study, 14773

Webster County, W. Va., coal preparation characteristics, 15026

Wechsler, Alfred E., measurements of thermal conductivity of soils, 3817

Wedges:

- application of wedge diffraction to antenna theory, 4827
- measurements of nonequilibrium effects in air on wedge-flat-plate afterbody pressures, 2358
- two-dimensional, hypersonic laminar viscous interaction effects on aerodynamics, 15153

Wedgwood, Ralph J., sudden death in infants, 13994

Weeds:

- control in rice production, 5283
- control with herbicides, 38
- reducing growth around newly planted Honduras pine, effect of plastic mulch, 16327
- see also* Forbs—Waterweed—Wild garlic.

Weekly:

NOTE.—For all publications which begin with the word "Weekly", *see* subject or name of department, etc., issuing publication.

Weeks, *see* names of special weeks.

Weems, George W., method of analysis of impurities in helium in parts-per-billion range, 12246

Weertman, J., effect of low viscosity layer on convection in mantle, 11396

Weeton, John W., fiber-metal composite materials, 13834

Weevils:

- boll weevil control in field experiment with machine designed to destroy shed cotton squares, 14106
- pine root collar, description, control, etc., 4438
- white-pine—
- control, field test procedures for evaluating and scheduling, 792
- induced crystallization of white pine resins, 4441

WEFT (wings, engine, fuselage, tail) aircraft recognition technique, *see* Aircraft.

Wegweiser-Karten, reisen Sie in eine neue

Welt, besuchen Sie die U.S.A., 14062

Wegwijzer U.S.A., 15411

Weidman, Deene J.:

- flutter for corrugation-stiffened and unstiffened panels, 7839
- flutter of orthotropic panels in supersonic flow, 7840

Weight:

- artificial alterations, physiological responses, chronic acceleration studies, 9415
- at birth, and survival of newborn, 1443
- optimization of straight-finned radiators, design procedure, 15143

Weight control, *see* Obesity.

Weight-handling equipment and service craft, Navy design manual, changes, 1569

Weightlessness:

- effects of 9-alpha-fluorohydrocortisone on dehydration due to prolonged bed rest, 8206
- medical problems, 8220
- physiological reactions of man, USSR study, 1043
- problems for space medicine, USSR study, 4680

role of vestibular organs in exploration of space, 6353

simulation on magnetic-colloid pool-boiling system, 6452

temporary, resulting in psychosensory disorders, USSR study, 17760

see also Zero gravity.

Weightlifting provisions for women by State, 6703

Weights and measures:

- glossary of terms, 4382
- prepackaged commodities, NBS manual for checking, Spanish translation, 1291
- recommended unit prefixes, defined values and conversion factors, 5006
- strain gage differential weighting system, 8955

see also Body weight—Metric system.

Weights and Measures, National Conference on, *see* National Conference on Weights and Measures.

Weil, Margaret L., relief, 8711

Weir, G. W., Borden formation (Mississippi) in south and southeast-central Kentucky, 10634

- Weir, James E., geology, etc., White Sands Missile Range and vicinity, N. Mex., 829
- Weirs, *see* Dams.
- Weirton, W. Va., commodity transportation survey, production area series, 8345
- Weiss, F. J., world outlook for food irradiation, 5417
- Weissbrodt, Sylvia R., annual digest of State and Federal labor legislation, 4704
- Weissenborn, A. E., mineral and water resources of Washington, 7218
- Weissman, Seymour, effect of luminance on perception of red and green at various retinal positions, 13662
- Welch, Lawrence E., soil survey report, Alameda area, Calif., 8030
- Welcome to U.S.A. :
English edition, 11305
French edition, 15402
Spanish edition, 15401
- Welded joints, *see* Joints.
- Welders :
employment outlook, 9290
safe practices for shipyard workers, 7660
supervisor, examination announcement, 9993
- Welding :
aluminum, USSR studies, 9103
aluminum, weldable alloy has improved mechanical properties, 17907
argon purge gas cooled by chill box, 9465
complex structures, fracture-safe design, concepts and procedures, 1379
diffusion, results of competition, USSR study, 17794
electrical upsetting of metal sheet forms weld edge, 11040
electron beam, of copper-monel facilitated by circular magnetic shield, 11009
electroslag, USSR studies, 6207
flexible drive allows operations in hard-to-reach areas, 17899
heavy-section ship plate, mechanical properties, 14010
heliarc, of aluminum, improved by back-up bar groove configuration, 17906
inert-gas welding enclosure fabricated from sheet plastic, 1214
inflatable holding fixture permits X-rays to be taken of inner weld areas, 13762
laser beam, heating of bilayer sheet, USSR study, 16463
machines, automatic reel controls filler wire, 11028
marine engineering regulations, 14316
methods, bibliography, 6357
nonhazardous acid etches weld samples, 15108
photosensors used to maintain welding electrode-to-joint alignment, 4890
pressure-welded flange assembly provides leak-tight seal at reduced bolt loads, 11039
residual stresses in steel weldments, 18091
simple device facilitates inert-gas welding of tubes, 9467
Soviet conferences, 4684, 17792
special mandrel permits uniform welding of out-of-round tubing, 13758
spot welding gun steadied by shoulder adapter, 6402
submerged-arc, USSR study, 14944
suppressor plate eliminates undesired arcing during electron beam welding, 13792
tubing, aluminum oxide filler prevents obstructions, 7781
ultrasonic hand tool allows convenient scanning of spot welds, 12328
ultrasonic recording scanner used for nondestructive weld inspection, 11014
welds chilled by liquid coolant manifold, 13789
see also Hammers.
- Weldments, *see* Welding.
- Welfare, *see* Public assistance—Social work and problems.
- Welfare Administration :
contribution to international cooperation for social development—
French edition, 16903
Spanish edition, 16902
Federal financial participation in costs of prescribed drugs for welfare recipients in Pennsylvania, GAO report, 4505
health programs, law, compilation, 13049
social welfare in changing world, place in process of development—
French edition, 15426
Spanish edition, 15425
what it is, what it does, 2625
- Welfare funds :
characteristics of 163,500 plans, July 1, 1965, statistics, 2287
participation of retired employees, etc., hearing, 17590
union welfare-pension funds, Allied Trades Council and Teamsters Local 815, diversion, report, 13138
welfare and pension plans disclosure act—administration, report of Secretary of Labor, 7639
amend with respect to filing of copies and making affidavits, report, 15896
regulations and interpretative bulletins, 14963
see also Nonappropriated funds.
- Welfare in review (periodical), 3704
statistical supplement, 6695
- Welfare work, *see* Public assistance—Social work and problems.
- Well drilling :
super-deep wells in upper mantle of earth, USSR study, 13474
water, in United States, regional trends, 14750
- Weller, William W., low-temperature heat capacities and entropies of ferrous molybdate and ferrous tungstate, 10920
- Wellington, New Zealand, Foreign Service buildings program, report, 5637
- Wells, J. Robert :
feldspar and related minerals, 12233
feldspar, mepheline syenite, and apelite, 15005
talc, soapstone, and pyrophyllite.
- Wells, William L., operating characteristics of arc air heater using direct current as opposed to alternating current, 7874
- Wells, William R., sensitivity of short-period tracking data from lunar satellite to lunar gravitational field harmonics, 1271
- Wells, Aral-Sor superdeep, Triassic deposits, USSR study, 4600
- Welsh, Peter C., woodworking tools, 12396
- Wen Shi Yu, *see* Yu, Wen Shi.
- Wen, Wen-Yang, thermodynamics of aqueous solutions of quarternary ammonium salts, 853
- Wendel, George W., aerial spraying of low-grade hardwood stands with 2, 4, 5-T in West Virginia, 10569
- Wenger, Norman C. :
launching of surface waves on axial-cylindrical reactive surface, 4928
liquid-hydrogen density measurements using open-ended microwave cavity, 17930
radiation from slot antenna in ground plane covered by warm plasma layer, 12366
theory of open-ended circular cylindrical microwave cavity, 12369
- Wentz, William H., Jr., flow fields about delta and double-delta wings at low speeds, 15040
- WES, *see* Waterways Experiment Station.
- Wessin y Wessin, Elias, testimony, hearing, 1948
- West, Dorothy B., public assistance personnel, 7344

- West, J. M. :
 mineral industry of—
 Burma, 4763
 Indonesia, 4765
 Malaysia, 2333
 Mongolia, 16563
 North Korea, 4771
 Norway, 7700
 Philippines, 4773
 South Korea, 1145, 16564
 Thailand, 2344
- West, James A. :
 mineral industry of—
 Afghanistan, 4759
 Bahrain, 1116, 13688
 Gabon, 1122
 India, 2328
 Iraq, 2329, 15015
 Kuwait-Saudi Arabia Neutral Zone, 1129
 Near East, regional review, 12238
 Qatar, Trucial States, Muscat and
 Oman, Federation of South Arabia
 and Yemen, 4775, 17846
 Saudi Arabia, 1141, 17847
 South Asia, regional review, 2347
- West, Quentin M., world food needs, 7297
- West (U.S.) :
 beryllium-bearing pegmatite deposits, reconnaissance, 13682
 coking-coal deposits, 10633
 earthquakes, 1931-64, investigations, 3993
 earthquakes, 1933-64, damage, review, 6984
 Far West, growth patterns in employment by county, 14247
 fresh fruit and vegetable unloads in western cities by commodities, States, etc., 7239
 insect pests of deciduous fruits, 14130
 intermountain, fire planning, 14713
 livestock ranches—
 costs and returns, 14529
 grazing fees and permitted use of public rangelands on incomes, effects of changes, 4279
 Negro, social and economic conditions, 10878, 14983
 postwar employment trends, 1947-64 data, 9338
 range forbs, notes, 8142
 rural farm population, consumer expenditures and income, 25, 12589
 rural nonfarm areas, consumer expenditures and income, 1961, supp., 2291
 snow, accuracy of field surveys, 3820
 soils, aggregate stability, measurement procedure, correlations with soil constituents, 11369
 surface water quality for irrigation, 6044
 total western region, urban and rural, 1960-61, consumer expenditures and income, 9205, 10856
 water development, 7236
 water supply—
 fall summary, 18103
 outlook and snow surveys, 3695
 west coast sawmilling, industry wage survey, 2296
 western range and livestock report, monthly, 3705
 wireworms on irrigated lands, control, etc., 11351
- West Central Plains, *see* Great Plains.
- West Divide project, Interior Dept. report, 14382
- West Germany, *see* Germany.
- West Indies :
 Cerambycidae (Coleoptera), description and records, 5043
 climatological data, 2751
 lights and fog signals, list changes, 5055, 9581, 13894, 15237
 sailing directions, change, 2479
 weather records, 17638
- West North Central States, *see* Central States.
- West Penn Power Co., President's E award for excellence exporting (remarks), 352
- West Point, N.Y., *see* Military Academy, West Point.
- West South Central States, *see* Central States.
- West Virginia :
 aerial spraying of low-grade hardwood stands, 10569
 aeroradioactivity survey and geology of area nearest D.C., 9917
 census of manufactures, 1963—
 area statistics, 15573
 manufacturing plants, location by county, industry and employment size, 14258
 climatological data, 2751
 county business patterns, 3917
 economic development problems (address), 320
 life tables, 18056
 market opportunities for treated wooden guardrail posts, 791
 mineral industry, minerals yearbook chapter, 2346
 precipitation data, hourly, 3045
 Tygart's Valley Soil Conservation District, improved pastures and farm pond (colored poster), 9709
 women—
 equal pay laws, 5241
 labor laws, summary, 14094
- Westbrook, Richard B., recreational open space priorities, 17946
- Westchester County, N.Y., population, special census, 5492
- Westendorf, William H., stability of intermixing of high-velocity vapor with its subcooled liquid in cocurrent streams, 16656
- Western Europe, *see* Europe.
- Western Greyhound Lines, motor carrier accident, 13442
- Western Hemisphere, *see* Hemisphere, Western.
- Western hemlock, *see* Hemlock.
- Western pine beetles, *see* Beetles.
- Western Samoa, nautical chart catalog, 6989
- Western States, *see* West (U.S.).
- Western Utilization Research and Development Division :
 laboratories and functions, 8135
 publications and patents, semannual list, 8136
 research on utilization of sugar beets, bibliography, 8131
- Weston, Perry L., reduction roasting-acid solution techniques in laboratory processing of Minnesota manganiferous ores, 10918
- Wetlands, *see* Swamplands.
- Wetmore, Alexander, birds of Republic of Panama, 8020
- Wetting agents, wetting golds and platinum by water, 9595
- Whales, living species, catalog, 7938
- Whaling :
 international convention, schedule, amendments, 8082
 letters from the captain's wife, 13346
- Wharton, C. B., cyclotron waves in collisionless plasma, 2366
- Wharton, Howard J., remarks, Jan. 20, 1966, 5203
- Wharton Transport Corporation, accident, 6093
- Wharves, data, Port of New York, N.Y. and N.J., 13293
- Wheat, Francis M., nomination, hearing, 10330
- Wheat :
 Australian marketing system, 4432
 Canadian, strontium-90 in 1963 crop year, 2541
 certificates, 1966 issuance, expedite by estimating parity price, report, 10221

- Wheat—Continued
commercial farms, Pacific Northwest,
northern and southern Plains, cost and
returns, 14530
distribution, varieties and classes, 12615
farmers to increase net income (remarks),
3768
futures, commitments of traders, 2765
futures trading and open contracts, 3014
international agreement, extend—
background information, 6728
protocol—
messages from the President, 13070,
13077
report, 13090
text, 16863
malathion, synergized pyrethrum and dia-
tomaceous earth as protectants, in
small bins, errata, 6754
minimum price of sale by CCC, increase,
hearings, 5794
pasture, 3706
program 1964, frequency distribution, 27
program 1965, statistical summary, 12591
equality, trade agreement with European
Economic Community and member
states, 1500
Sr-90 accumulation, effect of variety, 2525
stored in Kansas, evaluation of 4 inert
dusts for protection from insect attack,
14110
strong and durum, principal varieties,
USSR, 1009
variability of wheat yields in Great Plains,
14538
wheat situation, 3707
winter, crop production, 5174
winter, hard, unloading boxcars of grain
at terminal elevators, 15434
Wheat flour, *see* Flour.
Wheatgrasses:
bluebunch wheatgrass (*Agropyron spica-*
tum), 1920-64, bibliography, 4436
crested, lambing range in northern New
Mexico, effects of grazing, 13367
Wheatstone bridge, *see* Electric bridges.
Whedon, G. Donald, progress in development
of methods in bone densitometry, 6352
Wheeler, Kermitt E.:
legal status of women in—
Colorado, 12568
Massachusetts, 18145
Wheeler, Larry M., executive calendar, Sen-
ate, 3144
Wheeling, W. Va., commodity transportation
survey, production area series, 8345
Wheels:
helicopter detachable, ground handling as-
semblies procurement, Army Dept., GAO
review, 17713
vehicular, identification list for Federal
supply catalog, Defense Dept. section,
5851
Whelan, Joseph G., Communist Party and
coalition governments in Soviet Union and
Eastern European countries, 8783
Whelan, Ronald, relief, 5629, 14358, 16042
Where our Nation stands at home and
abroad, Republican report, 89th Congress,
2d session, 17405
Where the votes are, 14451
Whiskeytown-Shasta-Trinity National Rec-
reation Area:
establish—
hearing, 579
law, 437
report, 1831
Whitcomb, Harold A., ground-water re-
sources and geology of northern and cen-
tral Johnson County, Wyo., 12028
Whitcomb, Warren, jr., controlling greater
wax moth, pest of honeycombs, 1584
White, Clayton S., biological tolerance to
air blast and related biomedical criteria,
144
White, Donald E., geothermal energy, 4516
White, Elijah, personal health expenses,
6588
White, Eliot J., flow characteristics of oil-
producing sandstones in Illinois, etc.,
12258
White, Emily T., statistical reporter, 12690
White, G. D., evaluation of 4 inert dusts for
protection of stored wheat in Kansas from
insect attack, 14110
White, Gladys O., simplified methods for
consideration of income and resources,
4348
White, James L., statistical analysis of
world's merchant fleets, 4747
White, John H., Cincinnati locomotive build-
ers, 9565
White, John S., simplified calculation of
transition matrices for optimal navigation,
11068
White, Kenneth C., guidance scheme for lu-
nar descent based on linear perturbation
theory, 2430
White, Lee C., nomination, hearing, 7208
White, Nora D., relief, 4075, 14334, 16012.
White, Robert M., address, Nov. 18, 1965,
5892
White, Walter S.:
bauxite deposits of northwest Georgia,
10631
tectonics of Keweenawan Basin, western
Lake Superior region, 9020
White amur, *see* Ctenopharyngodon.
White cedar, *see* Cedar.
White clover, characteristics, genetics, dis-
eases, etc., 14131
White Deer Baptist Church, land conveyance,
10113, 15637, 16063
White House Conference on Education,
speeches, 14566
White House Conference on Equal Employ-
ment Opportunity, report, 1543
White House Conference on Health, panel
summaries, 5231
White House Conference on International
Cooperation:
congressional delegation, report, 11655
National Citizens' Commission, report of
committee on—
aviation, 1544
education and training, 1545
health, 1546
manpower, 1547
science and technology, 1548
technical cooperation and investment,
1549
youth activities, 1550
White House Conference on Natural Beauty:
beauty for America, proceedings, 2626
press releases, 3413
White House Conference, To Fulfill these
Rights:
council's report and recommendations,
11322
report, 15429
speeches, 12567
White House Fellows program, 13949
White pine, *see* Pine.
White pine blister rust, control in East,
economic guides, 10599
White pine cone beetles, *see* Beetles.
White pine weevils, *see* Weevils.
White primer permits corrosion-resistant
coating of minimum weight, 9497
White Sands Missile Range, northern part,
geology and availability of ground water,
829
White Sands National Monument, general
information, 2473
White Sea, water in active layer, tempera-
ture, method of calculating, USSR study,
12157
White spruce, *see* Spruce.
White tolstolobiks, *see* Hypophthalmichthys.
White winged doves, *see* Pigeons.

- Wind tunnels:
 FM telemetry and free-flight techniques for aerodynamic measurements, 6462
 Langley 1-foot hypersonic arc tunnel, velocity measurements, 7843
 low-speed tests of manned flight vehicle with several different parawings of 50° sweep, 15144
 rectangular test sections with slotted top and bottom walls, lift interference on sweptback wings, 12371
- Wind waves, *see* Waves.
- Windbreaks:
 central Great Plains—
 established plantings, how to manage, 4491
 height growth characteristics of Siberian elm, 8966
 how to prepare land and plant trees, 4488
 how to protect them from damage, 4490
 new tree plantings, how to maintain, 4489
 tree and shrub species, how to select, 4486
 trees and shrubs, how to arrange and space, 4487
 trees to protect land and crops, how to use, 4485
 forest and windbarrier planting and seeding in U.S., report, 6000
- Windeler, A. Stewart, Jr., preparation of parotid fluid protein-free filtrates, 8217
- Winding machines, precision winding of cylindrical composites with shaped glass filaments, 15038
- Windows:
 beryllium, from CEA bubble chamber, investigation, 9922
 chipped colored glass, for Saint Ann's Church, Las Vegas, Nev., free entry, 8450
 Gemini left-hand, effects on experiments requiring accuracy in sighting or resolution, 17927
- Windowsill greenhouse, 15476
- Winds:
 air motion, probing by Doppler analysis of radar clear air returns, 11317
 effects upon standing workers servicing Saturn, 16671
 field in central Asia and southern Kazakhstan, statistical structure, USSR study, 14877
 Great Plains, southwestern, 3736
 high altitude, measurement, agreement with Spain, 12538
 loads experienced by piloted launch vehicle, simulation, investigation, 7836
 non-isoelectric turbulent Prandtl number jet mixing between two compressible streams at constant pressure, 9397
 observations in stratosphere, seasonal reconstruction, 2443
 Santa Ana, in San Gabriel Mountains, case study, 8964
 southern California, atmospheric transport and dispersion, 5229
 steady-state wind circulation in homogeneous ocean, USSR study, 14843
 upper stratosphere and mesosphere measurements, 13848
 velocity, profiles measured by smoke-trail method, Eastern Test Range, 6453
 wind loads on vertically launched vehicles at various geographic locations and launch altitudes, 6444
- Windward Islands:
 agricultural products, demand, supply, and imports, projected levels to 1975, summary and evaluation, 11865
 Saint Lucia, Peace Corps volunteers, agreement, 5172
- Wine, exports (address), 327
- Winema National Forest, multiple use progress, 8980
- Winfrey, Robley, syllabus for short unit on highway engineering economy, 11206
- Wing Yuen Gee, *see* Wong, Wing Yuen.
- Wing Yuen Wong, *see* Wong, Wing Yuen.
- Wingrove, Rodney C., trajectory optimization by fast-time repetitive computations, 9529
- Wings (aircraft):
 and wing-body combinations, aerodynamic-center considerations, 16662
 bodies and delta-wing-body combinations at Mach 6.9 effect of body cross section and width-height ratio on performance, 11047
 delta wings—
 delta and double-delta flow fields at low speeds, 15040
 delta-wing-body combination, sonic-boom characteristics, 11075
 hypersonic pressure and heat transfer tests, 15047
 longitudinal aerodynamic characteristics of slab planforms, effect of thickness and sweep angle, 12345
 planform surfaces, flutter characteristics, effects of leading-edge sweep at Mach number of 15.4, errata, 15131
 swept, 60° and 70°, having turbulent boundary layers, heat-transfer and pressure distributions, 16697
 high-aspect-ratio variable-sweep wing of supersonic transport model, pitch-up study, 15160
 leading-edge shape effect on aerodynamic characteristics of 67° swept wing-body model, 16691
 low-aspect-ratio—
 delta-winged model equipped with sharp-edged strakes, wind tunnel tests, ground effects related to aircraft landing, 16663
 ogee, flight-measured ground effect, compared with wind-tunnel results, 11058
 model with inboard sections cambered for Mach 1.2, investigation at Mach numbers 0.40 to 1.00, 11054
 ogee wing—
 aerodynamic properties, flight investigation, 2407
 aircraft, application of approach speed criteria derived from closed-loop pilot-vehicle systems analyses, 15072
 parawings—
 controlling, low-speed force and flight investigation of various methods, 4899
 dynamic lateral stability and control of vehicle, 12347
 50° sweep, applied to manned flight vehicle, low-speed tests, 15144
 semispan tilting wing with 0.5-diameter chord, double-slotted flap, and both left- and right-hand rotation of single propeller, aerodynamic data, 9316
 simulated structure, fatigue behavior of annealed sheet, 1190
 sweptback, lift interference in rectangular wind-tunnel test sections with slotted top and bottom walls, 12371
 thermal-buckling characteristics of leading edges, 4972
 triangular and modified triangular, planform effects on aerodynamic characteristics, 9398
 triangular planform, hypersonic laminar viscous interaction effects on aerodynamics, 15153
 wing-body configurations, slender, maximum lift-drag ratios at hypersonic speeds, geometric modifications, effect, 7829
- Winje, R. A., conceptual design study for Mars entry vehicle damper, 15042
- Winlund, E. S., reliability and maintainability training handbook, 2552
- Winnebago County, Wis., geology and water resources, 10649

- Winnemucca, Nev., Humboldt River Valley water resources, 2106, 9023
- Winston, Ellen: addresses—
May 13, 1965, 8113
May 29, 1966, 11318
- Winston Churchill Day, *see* Sir Winston Churchill Day.
- Winter wheat, *see* Wheat.
- Wire, Clara D., land conveyance to, 12808, 12862, 13092
- Wire:
bundles formed into grids with minute interstices, 2391
copper, coated with nickel and silver resists corrosion, 17895
copper, tables, NBS handbook, 5005
device protects MOS transistors from damage, 16639
fine, inspection simplified by capillary tube wire holder, 13764
high strength, pressure vessel fabrication, 11012
steel, in aluminum plates, high tensile strength, 12304
tungsten, joined by nickel brazing, 4884
tungsten, stress-rupture properties, 12349
see also Electric wire and wiring—Wire rope.
- Wire communication, USSR all-Union scientific session devoted to radio day, 14936
- Wire mills, scrap and metal consumption and stocks, mineral industry survey, monthly, 2710
- Wire rope, tensions and deflections in logging skylines, 4481
- Wire tapping:
laws relating to, 17586
prohibit except by law enforcement officers, hearings, 13221
- Wireworms, irrigated lands in the West, control, etc., 11351
- Wiring, *see* Electric wire and wiring.
- Wirtz, Morvin A.:
remarks, Apr. 28, 1966, 9202
something for the special child, 7320
- Wirtz, W. Willard:
addresses, etc.—
June 19, 1964, 6253
Nov. 3, 1965, 1078
Nov. 30, 1965, 1075
Dec. 1, 1965, 1077
Jan. 25, 1966, 4694
Mar. 12, 1966, 7649
Apr. 27, 1966, 9193, 9196
May 2, 1966, 9195
May 18, 1966, 10838
June 6, 1966, 10839
June 11, 1966, 10843
July 7, 1966, 12200
dedication of Hall in his honor (address), 1075
- Wisconsin:
architecture, historic American buildings survey, 13882
census of business, 1963 retail trade, area statistics, errata, 192
climatological data, 2751
county business patterns, 243
divorced persons, characteristics, 1444
employment service activities, savings through consolidation, GAO report, 8990
grants for Menominee County, etc., authorize—
hearings, 11824
law, 17140
reports, 15894, 17498
- Great Lakes area, fishery products, wholesale dealers list, 769
- landings, fishery products, 3194, 16294
- life tables, 18057
- manufacturing plants, location by county, industry, and employment size, 1963 census, 14256
- medical assistance for the aged, under social security act, 11905
- Wisconsin—Continued
mineral industry, minerals yearbook chapter, 1151
- Mississippi River and tributaries, fishery products, wholesale dealers, list, 2046
- Monroe County Soil and Water Conservation District, contour stripcropping, scenic backdrop for town (colored poster), 9710
- northern, national forests, Scleroderma canker, 13370
- postal map, 13946
- precipitation data, hourly, 3045
- women workers, 15433
- Wisdom, Donald F., popular names of U.S. Government reports, catalog, 16546
- Wise, Walter R., jr., explosion containment laws for nuclear reactor vessels, 2502
- Wise County, Va., economic and resource development, summary, 2611
- Wismer, Robert D., performance of soils under tire loads, tests in clay through Nov. 1962, 8865
- Witchweed, watch out for witchweed, 58
- Witeofski, Robert D., effect of thickness and sweep angle on longitudinal aerodynamic characteristics of slab delta planforms, etc., 12345
- Witkin, Michael J., patients discharged from short-stay hospitals, 18081
- Witzke, Walter R., effect of alloying on grain refinement of electron-beam-melted tungsten, 13835
- WMO, *see* World Meteorological Organization.
- Wohabe, Abdul, relief, 7077, 13116, 14336
- Wohlmut, Hertha L., relief, 17411
- Wolf, Ken, infections pancreatic necrosis (IPN) of salmonid fishes, 8940
- Wolf, Martin R., conference proceedings, National Conference on Law and Poverty, 8822
- Wolf Lake:
pollution of interstate waters, conference—
proceedings, 7493
technical session, 11962
conclusions, 11961
- Wolfe, Jack A., tertiary stratigraphy and paleobotany of Cook Inlet region, Alaska, 12020
- Wollastonite, glass-crystal transformation, 10922
- Wolowicz, Chester H., X-15 spherical, hypersonic flow-direction sensor, 1253
- Wolves, Isle Royale, 13880
- Women:
absenteeism and labor turnover, 1565
American, at work, new challenges and responsibilities (address), 9768
changing pattern of women's lives, fact sheet, 2627
earnings in low-income families, 2634
economic advance (remarks), 1554
educational attainment, trends, 2629, 11330, 16909
employment—
equal opportunities, 844
Federal policy developments, progress (address), 5250
opportunities (talk), 1551
sex discrimination, laws against, 6702, 15430
equal pay—
action, 5232
getting facts, 5242
laws 1965—
California, 5236
Missouri, 5237
New York State, 5238
North Dakota, 5239
Rhode Island, 5240
West Virginia, 5241

Women—Continued

- equal pay—continued
 - what principle means, questions and answers, 2633, 16913
 - what you want in State bill, 5252
 - why State laws?, 12573
- family and property law—
 - Iowa, summary, 11323
 - Ohio, summary, 11324
- governors' commissions on status of women, 1558
- national conference, report, 9033
- guidelines for Protestant Women of the Chapel, 613
- halfway house, sociocultural and clinical study of Rutland Corner House, 1529
- health of those who work, 2530
- hours limitation law, administrative and technical problems (remarks), 17990
- in Armed Forces, 14204
- Islam, attitudes toward women, overcoming them, USSR study, 13480
- Job Corps training centers, general information, 7282
- job training suggestions, 2632
- jury service, eligibility laws, 12572
- labor standard improvement and greater employment opportunity (remarks), 16911
- legal status in U.S.—
 - Colorado, 12568
 - Massachusetts, 18145
- let's look ahead (address), 1559
- Negro, at work, gains and problems (address), 1560
- Negro, in population and labor force, 11327
- nonwhite, educational attainment, fact sheet, 1553, 16908
- nonwhite workers—
 - current data, 5234
 - fact sheet, 2628, 8114
- officer's career in Armed Forces, 11847
- officers in Armed Forces, remove promotion restrictions, etc., amend U.S. Code, report, 15949
- part-time and part-year employment patterns in U.S., 6706
- political and civil status, 1562
- private household workers, fact sheet, 6705
- shortage or surplus? assessment of Boston woman power in industry, Government, and research, conference report, 16912
- Soviet, and physical culture, 987
- State labor laws, summaries—
 - Arkansas, 14088
 - California, 5244
 - Georgia, 14089
 - Idaho, 14090
 - Indiana, 2630
 - Iowa, 6699
 - Jan. 1966 summary, 5243
 - Jan. 1966 summary, with supplement, 12570
 - Maine, 8115
 - Maryland, 6700
 - Massachusetts, 5245
 - Michigan, 8116
 - Minnesota, 5246
 - New Hampshire, 8117
 - New Mexico, 5247
 - New York, 6701
 - North Carolina, 1555
 - North Dakota, 14091
 - Ohio, 11325
 - Pennsylvania, 14092
 - Utah, 2631
 - Vermont, 1556
 - Virginia, 14093
 - West Virginia, 14094
- State minimum wage laws, 11326
- status—
 - northern Minnesota, Arrowhead conference, report, 14096
 - progress in 1965, report of Interdepartmental Committee and Citizens' Advisory Council, 13426

Women—Continued

- wage earners, new challenges and opportunities (remarks), 1566
- weightlifting provisions by State, 6703
- who's afraid of the educated woman? (address), 7649
- why women work, 6704, 15432
- womanpower needed (address), 9769
- women and cooperatives (talks), 5911
- women and men workers in the economy, relative position, fact sheet, 6697
- workers, 1960—
 - Florida, 11332
 - Indiana, 5253
 - Kansas, 14097
 - Minnesota, 5254, 16914
 - Missouri, 12574
 - North Carolina, 12575
 - Ohio, 8118
 - Puerto Rico, 18146
 - Virgin Islands, 12576
 - Wisconsin, 15433
- workers, 1965—
 - bibliography, 14087
 - handbook, 14087
 - United States, background facts, 6696
- workers, 1966, United States, background facts, 14086
- working, study in mobility, 1095
- Women, Status of, President's Commission on, *see* President's Commission on Status of Women.
- Women workers, *see* Women.
- Women's Bureau :
 - bulletins, 5233, 12568, 14087, 18145
 - consultation, with State School guidance officials on vocational guidance for girls, 1563
 - leaflets, 1557-58, 2632, 11326, 14095
 - pamphlet, 11328
 - publications, list, 1557
 - summary of consultation with staff of national youth-serving organizations, 1564
- Woman's clothing, *see* Clothing—*also* names or types of clothing.
- Won, Chung K., relief, 12897, 14337
- Won Kan Cheung, *see* Won, Chung K.
- Won Loy Jung, *see* Jung Won Loy.
- Wong, Edgar L., mass-spectrometric investigation of reaction of oxygen atoms with methane, 7883
- Wong, Laura Hui-Wei, and children, relief, 5742
- Wong, Morton M., electrolytes for electrorefining hafnium, 15022
- Wong Ock Wah, *see* Hom Shek See, and wife.
- Wong, Wing Yuen, relief, 11720
- Woo, Lee Chung, *see* Lee Chung Woo.
- Wood, Fergus J., Prince William Sound of Alaska, earthquake of 1964 and aftershocks, 12763
- Wood, L. W., derivation of fiber stresses from strength values of wood poles, 4464
- Wood, Robert C., nomination, hearing, 4212
- Wood :
 - American, publications, price list, 12458
 - commercialization of process of manufacturing radiation produced plastic impregnated wood in southern region, 11438
 - density, key to quality, proceedings of symposium, 7458
 - failure in glue block shear test, device for estimating, 2058
 - fireplace wood market in urban area of Connecticut, 17700
 - impregnation with acrylic monomers, 12683
 - mechanical properties and structural uses of wood and wood products, publications, list, 7455
 - Molucca albizia and nepal alder, species grown in Hawaii, machining properties, 10563
 - pallets, market for wood pallets, 17702

Wood—Continued
 plastic combinations process, commercialization studies, 11429
 products—
 census of manufactures, 1963—
 industry statistics, 6898
 manufacturing plants, location, 12699
 except furniture, commodity transportation survey, shipper series, 215
 industries, manpower use, Oregon and Washington, 10603
 millwork, plywood and prefabricated structural, census of manufactures, industry report, 3889
 used in single-family houses inspected by FHA, 6779
 regional use by manufacturing industries, 8967
 salt-treated, sorption and swelling characteristics, 17697
 utilization, framework of qualitative relationships, 10593
 wood and the homemaker, general information, 2061
 wood-plastic combinations using gamma radiation to induce polymerization, 12683
 wood-plastic composites, engineering and evaluation study for manufacturing, 15534
 see also Hardwoods—also names of articles manufactured from wood.
 Wood chemicals, see Chemicals.
 Wood finishing, surface characteristics of wood as they affect durability of finishes, 10595
 Wood Hills, Nev.:
 discussion of high concentrations of zinc, lead, and mercury in Guilmette Formation and Simonson Dolomite of Devonian age, 16355
 geochemical reconnaissance, 16355
 Wood poles, see Poles.
 Wood preservatives:
 effects on electrical moisture-meter readings, 2060
 field boxes, effects on nail holding, 4467
 Wood pulp:
 chip production and markets in Lake States, 14701
 current industrial reports, 262, 2817
 Engelmann spruce, subalpine fir, and lodgepole pine mixtures for bleached groundwood, kraft and sulfite viscose grade pulp, suitability for pulping, 2075
 Lake States, production hampered, 14702
 see also Paper.
 Woodbury, Gerard E., angle-of-attack analysis for Project Fire 1 payload reentry flight, 7879
 Woodby, Lauren G., low achiever in mathematics, 648
 Woodcocks:
 hunting, possession, transportation, importation in Alaska, Federal regulations governing, 14673
 status report, 11979
 Woodlands, see Forests and forestry.
 Woodpulp, see Wood pulp.
 Woods, F. J., ionization produced by catalytic combustion of hydrocarbons, 9596
 Woods, R. W., thermal integration of electric power and life support systems for manned space stations, 16590
 Woods, William F.:
 rural credit unions of United States, 4350
 using your rural credit union, 7347
 Woods, see Hardwoods.
 Woodward, Betty, community workshop, after adoption, 280
 Woodworking machinery:
 and equipment, Federal item identification guides for supply cataloging, supplements, 2933
 industrial plant equipment handbook, 606
 recommended safeguards, 9201

Woodworking tools, 1600-1900, 12396
 Wool:
 and related data, statistics 1920-64, 1965 supplement, 15478
 and wool tops, futures trading and open contracts, 3011
 ASCS program, 6735
 broad woven goods, current industrial reports, 2818
 consumption on woolen and worsted systems, current industrial reports, 248, 2817
 foreign agriculture circulars, 2987
 futures, commitments of traders, 2764
 grades, official U.S. standards, 11837
 market news—
 and its importance to marketing efficiency, analysis, 13261
 conference report, 1953
 weekly summary and statistics, 3159
 national wool act of 1954, amend. law, 423
 production, price and value, 2598, 3094
 shorn, 1966 production, 14041
 stocks of wool and related fiber, current industrial reports, 3924
 wool situation, 3712
 Woollens, protecting against clothes moths and carpet beetles, 9819
 Woolf, Philip L., formcoke for blast furnace use, 4797
 Woolhiser, D. A., computer program for reduction and preliminary analyses of runoff data, 9
 Woollett, Richard R., error in induced electric field modes under Stix coil resulting from assumption of orthogonality of natural plasma modes, 6438
 Worcester, Mass.:
 area wage survey, metropolitan area, 17808
 commodity transportation survey, production area series, 8339
 Worcester County, Mass., surficial geology, 9006
 Words:
 addressing method using concise codes as memory addresses, USSR study, 878
 verbal series as function of stimulus grouping for immediate retrieval, 3785, 9861
 Work, Robert A., accuracy of field snow surveys, western United States, etc., 3820
 Work:
 education and work life in changing economy, 12222
 equal pay for equal work under fair labor standards act, 5221, 18142
 fitness and work arrangements, USSR studies, 12133
 Negro woman, gains and problems (address), 1560
 performance standards for post engineering, Army pamphlet, 12655
 preparing disadvantaged youth, for work, 13290
 prisoners, release program for persons sentenced by courts of D.C., authorize, report, 17294
 safe work guide, Department of Labor safety training programs, SWG LA series, 7657
 safeguard our Nation's youth on the job (series), 9200, 10849, 14967
 simplification, ARS guide, 6708
 see also Employment.
 Work function:
 maps of metal surface, made by photoelectric scanner, 17904
 measurement of variations by electron-beam scanning, principles and instrumentation, 12424
 Work injuries, see Injuries.
 Work stoppages, see Strikes and lockouts.
 Work supervisor's handbook, Neighborhood Youth Corps, 1083

- Workers, *see* Farm labor—Labor—Women—Youth.
- Working for U.S.A., 9997
- Working one's way through tomorrow, 13283
- Working together, marketing challenge, 9842
- Working with groups, guide for administration of group services in public welfare, 14588
- Working women, *see* Women.
- Workmen's compensation, *see* Employers' Liability and workmen's compensation.
- Workshop on Group Services:
 - background papers—
 - French edition, 14583
 - Spanish edition, 14584
- Workshops:
 - good housekeeping, safety dial, 1086
 - interpreting for deaf people, Governor Baxter State School for Deaf, Portland, Maine, report, 14069
 - market development and promotion for agricultural products seminar, 14536
 - rural fallout shelter analysis, student manual, 8386
 - sheltered—
 - more defense business, highlights of panel discussion, 2288
 - under fair labor standards act and Walsh-Healey public contracts act, questions and answers, 15417
 - television ophthalmoscopy proceedings, 15297
 - walnut workshop, papers presented, 17681
- Workweek, *see* Hours of labor.
- World, *see* Earth.
- World affairs, *see* International relations.
- World agricultural production and trade, statistical report, 3715
- World beef trends, 11989
- World Communist movement, selective chronology, 1871
- World Farm Center, endorse concept, report, 17285
- World food needs, 7297
- World Health Organization:
 - research, regulation, education, and information, strengthen, report, 8759
 - 22d assembly, appropriation—
 - law, 5582
 - report, 5754
- World list of future international meetings, 3716-17
- World Meteorological Organization:
 - convention, amendments, 9731
 - international training seminar on numerical methods of short-range weather forecasting in European countries, USSR study, 14868
- World motor vehicle production and registration, 3870
- World outlook for food irradiation, 5417
- World outside, new directions in Soviet economy, 12846
- World trade, *see* Commerce.
- World War, 1939-45:
 - aspects of leadership of armed struggle, in summer of 1942, USSR study, 1056
 - Chinese people's war, 20th anniversary of victory, commemoration, and national policy, etc., 14690
 - D-Day plus 20 years, 11685
 - Italian campaign, Brazilian Expeditionary Force, activities, 9356
 - Marine Corps bibliography, 9349
 - radiology, 16969
 - 30th Army in Khingan-Mukden operation, USSR study, 1005
 - Ukrainian Nazi collaborators, thinning ranks, 6245
 - United States Army in World War II, 9358, 10907, 13669
- World War, 1939-45—Continued
 - USSR—
 - chronicle of heroic achievements of people, 2161
 - facts and thoughts on beginning of great patriotic war, 2156
 - heroes of landing at Shumshu, 2153
 - Marshall Vasilevsky gives details of Stalingrad defense, 2160
 - unforgettable days, 10722
 - World weather records, 1951-60—
 - Europe, 14581
 - South America, etc., 17638
 - Worldway Postal Center, Los Angeles, Calif., 6565
 - Worley, David P., gross job time studies, efficient method for analyzing forestry costs, 4450
 - Worms, publications, price list, 5098
 - see also* Polynoidae—also names of worms.
 - Worsted, systems, consumption, current industrial reports, 248, 2817
 - Worth, Muriel P., public roads, journal of highway research, 3430
 - Worthington, Ohio, railroad accident, 12085
 - Worthington Corp., conceptual design of 50 MGD desalination plant, 12055
 - Wortz, Edward C., reduced barometric pressure and respiratory water loss, 6814
 - Wotruba, Thomas K., automatic merchandising, 16822
 - Wounds, *see* Gunshot wounds.
 - Woven goods, *see* Textiles.
 - Wrapping, *see* Packing.
 - Wrecking:
 - demolition materials, Army technical manual, 3835
 - demolition workers, safe work guide, 7657
 - Wrenches:
 - T-handle, has torque-limiting action, 6391
 - torque—
 - allows readings from inaccessible locations, 9495
 - designed for restricted areas, 4848
 - Wright, Bruce R.:
 - aerodynamic damping and oscillatory stability in pitch—
 - and yaw of Gemini configurations, etc., 7854
 - model of typical subsonic jet-transport airplane, 4918
 - Wright, Frank L., 2-cent regular postage stamp, 9611
 - Wright, Patricia S.:
 - earned degrees conferred, 1963-64, bachelor's and higher degrees, 7302
 - enrollment for advanced degrees, fall 1963, final report, 7304
 - Wright, R. N., brittle fracture concepts, 5135
 - Wright, Ray H., wind-tunnel lift interference on sweptback wings in rectangular test sections with slotted top and bottom walls, 12371
 - Wright, Robert L., flotation stability characteristics of right-circular-conic frustum, 7845
 - Wright Nuclear Structure Laboratory, dedication (remarks), 15541
 - Writers, *see* Authors.
 - Writing:
 - Air Force writing (periodical), 2660
 - gobbledygook has gotta go, 9341
 - Polish emigre, critique of historical authenticity of published documents, 7590
 - Wrought metals, *see* names of metals.
 - WS series, 3006
 - Wuhrman, Robert H., world beef trends, 11989
 - Wunderlich, Gooloo S.:
 - episodes and duration of hospitalization in last year of life, 16812
 - national natality survey, 18083
 - Wunpost quadrangle, Calif., geology, 13398
 - Wupatki National Monument, general information, 11131
 - Wurmbrand, Richard, testimony, 11815

Wustite, reduction, relation of heat of adsorption to heat of activation, 4789
see also Ferrous oxide.

Wyoming:

census of manufactures, 1963, area statistics, 14253
central, geology of Wind River basin (series), 17720
climatological data, 2751
county business patterns, 244, 15580
electric rate book, 2023
Indians, general information, 14765
land conveyance to Clara D. Wire, 12808, 12862, 13092
life tables, 18058
manufacturing plants, location by county, industry and employment size, 1963 census, 14260
mineral industry, minerals yearbook chapter, 1152
mineral resources of stratified primitive area, 12016
precipitation data, hourly, 3045
reimburse for improvements on lands in Sweetwater County, report, 17515
soil survey laboratory data and descriptions, 16841
Teton Soil and Water Conservation District, irrigated intermountain pasture (colored poster), 9711
Upper Niobrara River compact, approving, report, 16092
water supply outlook and snow surveys, 3696
special report, 9713
Wyoming County, Pa., geology, Ransom quadrangle, 13397

X

X-11 variant of census method II seasonal adjustment program, 271
X-15, *see* Airplanes.
X-ray photography, *see* Radiography.
X-ray spectra, *see* Spectra.
X-ray technicians, medical, employment outlook, 10861
X-rays:
bone densitometry methods, development, progress, 6352
comparative merits of radioisotope and machine sources of x-radiation for aerospace applications, 12682
diffraction—
patterns, calibrated, felsic rocks, rapid modal analysis, 4511
powder analysis, specimen holder design improves accuracy, 6401
powder patterns, 15206
inflatable holding fixture permits X-rays to be taken of inner weld areas, 13763
irradiation effect of prophylactic administration mucopolysaccharide preparation on hemopoiesis and survival of animals, USSR study, 6221
low-energy X-ray spectral lines, instrumentation for primary and secondary excitation, 1161
low-level x-irradiation, central nervous system response, 7990
mass attenuation coefficients, cooperative action on determination, 5017
population exposure, 1964, report on PHS study, 18067
shielding, medical and dental, guidance for design, 16962
soft, photoionization detector, 6417
Xanthates, infrared spectroscopy studies of xanthate-galena system, 15021
XV-9A hot cycle research aircraft, *see* Aircraft.

Y

Yadlosky, Elizabeth, election law guidebook, 10276
Yakima basalt and Ellensburg formation of south-central Washington, 13402

Yakima Reservation, timber, potential intensive management, 10661

Yakowitz, H.:

homogeneity characterization of NBS spectrometric standards, cartridge brass and low-alloy steel, 5007

Yale University:

multigap magnetic spectrograph and mass spectrometer, duty-free entry, 389, 542
nuclear progress at Yale (remarks), 15541
Yamazi, Isamu, zooplankton communities of Navesink and Shrewsbury Rivers and Sandy Hook Bay, N.J., 7444
Yang, Kimberly A., relief, 12892, 14350
Yao, Augustine Y. M., relief, 1901
Yao, Man nationality of Vietnam, Soviet study, 17778
Yarber, G. W., control moment gyro optimization study, 7726
Yarding, *see* Lumbering.
Yards and Docks Bureau:
design manuals, 1569, 6707
publications, index, 8119
Yarmouth Castle (ship):
disaster, report, 8613

Yarn:

silk, temporary suspension of duty, extend, report, 482
spun, for sale, current industrial reports, 2817
textured, reports, 1511, 7212

Yarn mills, census of manufactures, 1963,

industry statistics, 6892
Yates, W. W., brushless d.c. torque motor, 4829

Yavorsky, P. M., beta-radiation-induced telomerization of methanol with ethylene, 8290

Yaw:

control in hovering, semispan tilt-wing VTOL model, ground effect on full-span flaps, 11064
Gemini configurations, damping and stability in pitch and yaw, 7854

Yeager, Lee E., 30 years of Cooperative Wildlife Research units, 7440

Year of double trouble, 7361

Yearbooks:

minerals, 1964—
area reports, domestic—
departmental edition, 4785
document edition, 4048
fuels—
departmental edition, 4784
document edition, 4047
metals and minerals except fuels—
departmental edition, 4783
document edition, 4046
North Korean, 9098, 9119
Yellow birch, *see* Birch.

Yellow Creek, watershed area, economic and resource development, summary, 2614

Yellow fever, immunization of guinea pigs against, USSR studies, 10834

Yellow perch, growth rates after control with piscicide, 11977

Yellow pine, *see* Pine.

Yellow poplar, *see* Tuliptree.

Yellow-rumped tanagers, *see* Tanagers.

Yellowfin tuna, *see* Tuna fish.

Yellowpoplar, *see* Tuliptree.

Yellowstone National Park, general information, 1336

Yemen:

geology, 17722
mineral industry, minerals yearbook chapter, 4775, 17846

Yen, Yin-Chao, Stefan problem, 9888

Yeomans, A. H., respiratory devices for protection against certain pesticides, 5264

Yeomen:

communications—
class A, trainees guide, 2489
3d class, Navy training course, 1343
1 & C, Navy training course, 7968

Yett, William E., basic data on economy of Switzerland, 12777

YOC, *see* Youth Opportunity Centers.
 Yochelson, Ellis L., Mattheva, proposed new class of mollusks, 12023
 York, Pa.:
 area wage survey, metropolitan area, 9321
 commodity transportation survey, production area series, 9952
 Yosemite National Park:
 employees, validate action extending 1955 leave year—
 law, 8472
 reports, 7178, 8591
 general information, 13888
 Yoshikawa, S., ballooning interchange instabilities of magnetized plasmas under gravitational fields, 8286
 You and the public, servants of the people, 17040
 You and your passport, 15339
 You can make your own luck, special message for Indian teen-agers, 13425
 You I Souk, relief, 8715
 You too can get help, 1601
 Young, A. Barrie, Jr., approach, naval aviation safety review, 2684
 Young Cortland E., Jr., soil sampling small wetland forest plots in Coastal Plain, 14711
 Young, E. J., jasperoids of Lake Valley Mining District, N. Mex., 4513
 Young, Joseph W., selected facial measurements of children for oxygen-mask design, 15555
 Young, L. E., floods of Jan.-Feb. 1963 in California and Nevada, 10651
 Young, L. L.:
 waterpower resources—
 and reconnaissance geology of sites in Alsea River basin, Oreg., 17727
 in Nehalem River basin, Oreg., 826
 Young, Laurence R., visual and control aspects of saccadic eye movements, 16594
 Young, R. M., soft X-ray photoionization detector, 6417
 Young, Robert J., monkey colony management, 11384
 Young, Stanley G., accelerated cavitation damage of steels, etc., in liquid metals, 9539
 Young, W. H., coal bituminous and lignite, 2316
 Young William E.:
 manganese occurrences in Eureka-Animas Forks area of San Juan Mountains, San Juan County, Colo., 16558
 mining methods, etc., uranium mine, Homestake-Sapin Partners, 4755
 Young people, *see* Youth.
 Young workers, *see* Youth.
 Youngstown, Ohio:
 area wage survey, 6263
 commodity transportation survey, production area series, 8344
 principal electric facilities, map, 7375
 Your child from 6 to 12, 9975
 Your Department of State, 9719
 Your Federal income tax for individuals, 864
 Your interest in U.S. flag merchant ships, 4748
 Your job and psychiatric patient, 5211
 Your money and your life, FDA memo for consumers, 8946
 Your plentiful foods program, marketing aid, 1602
 Your professional development, 17715
 Your social security, 12511
 Your water supply and forests, 16922
 Youth:
 adolescence, psychological changes, 274
 AFDC, public welfare projects focus on education, 16253
 America's children and youth in institutions, demographic analysis, 6943
 CAUSE [Counselor-Advisor University Summer Education] II prepares 2000 to counsel youth, 662

Youth—Continued
 challenge to supervisors, making young workers safe workers, 16519
 communist program—
 hearings, 11816
 report, 10353
 disadvantaged—
 NDEA institutes for advanced study for teachers, 5877, 5884A
 preparing for work, 13290
 effects on young people of violence and crime portrayed on television, report, 1924
 employment, industry practices and policies, 1540
 facts and figures, 9978
 farmworkers, injuries, 14967
 group leaders, forestry conservation activities, guide, 16935
 from school to work, federal services to help communities, 60
 glucose tolerance responses, 6815
 handicapped, education, conference report, 10421
 Indian teen-agers, college and technical training opportunities, 13425
 Job Corps, education in conservation center, 7276
 juvenile delinquency and youth offenses control act training grants awarded, Sept. 1964-Sept. 1965, summaries, 16906
 lifting, danger, 12202
 moving into adolescence, your child in his preteens, 11483
 neighborhood youth corps—
 program (remarks), 4694
 rural community action program, 16220
 nonwhite, employment problems in Michigan, 12748
 opportunity programs, door is opened, 14067
 pre-employment training, safety guide, 17625
 profile, 17408
 project grants to provide comprehensive health services, policies and procedures, 3944
 publications, list, 10852
 report of Committee on Youth Activities, National Citizens' Commission, 1550
 resident worker, examination announcement, 15634
 rural—
 in crisis, facts, myths, and social change, 1541
 opportunity centers, jobs, employment, etc., 16221
 safeguard our Nation's youth on the job (series), 9200, 10849, 14967
 safety, kit o'tips for youth and their employers, 10848
 16 and 17 years of age in school, by counties of United States, 1960, map, 9973
 teenagers, guide for parents, 6774
 unemployed, Oak Glen training camp, 14961
 upward bound, program to help youth from low-income families achieve college education, policy guidelines, etc., 7284
 Women's Bureau, consultation with staff of National Youth-serving organizations, Apr. 15, 1964, summary, 1564
 young people's use and appraisal of natural and competing fibers in wearing apparel, 14144
 young smokers aren't really hooked, you can quit smoking, 3945
 young workers—
 common sense about supervising, pointers on getting them off to a good start, 18135
 manpower report, 14964
 youth we haven't served, socioeconomically handicapped, challenge to vocational education, 8854
 Youth centers, *see* Recreation centers.
 Youth Corps, *see* Neighborhood Youth Corps.

- Youth Councils on Civic Affairs, incorporate, veto message, 462
 Youth opportunity centers: directory, 16245
 general information, 5885
 taking stock, 10435
 Youth Temperance Education Week: designate—
 law, 10062
 reports, 5772, 8608
 Yttrium:
 influence on oxidation of nickel at 1,200°C, high-temperature corrosion studies, 12255
 selenides and tellurides, thermoelectric properties, 17860
 Yu, Wen Shi, relief, 16051
 Yugoslav language, *see* Serbo-Croatian language.
 Yugoslavia:
 agricultural commodities, agreements, 6641, 8068, 8078-79, 15369
 biological warfare agents, comment, 14899
 compensated and ohmic measuring voltage dividers of Nikola Tesla Institute, 962
 cotton textiles, trade, agreement, 6652
 cybernetics, international conference, science and society, 13508
 foreign currencies, U.S.-owned, report, 17353
 irradiation possibilities in 2 kilocurie Co⁶⁰ radiation unit at Boris Kidric Institute at Vinca, 951
 labor conditions, 12226
 mineral industry, minerals yearbook chapter, 4782
 NATO and Warsaw Pact analysis, 14812
 selling in Yugoslavia, 8431
 Yukon River and Valley, probable maximum flood above Rampart, Alaska, meteorological conditions, 15420
 Yung, Kim Kap, relief, 15793, 17434
 Yung Mi Kim *see* Kim, Yung Mi.
 Yuska, Joseph A., static aerodynamic characteristics of rocket with thick wedge fins, etc., 4930

Z

- Zablocki, Clement J., report on Vietnam, 7141
 Zaborsky, John, digital adaptive filter, etc., control techniques applied to large launch vehicles, 9431
 Zaffarano, Richard F., natural gas, 1153
 Zagoria, Sam:
 remarks—
 Nov. 18, 1965, 1320
 Feb. 5, 1966, 5036
 Mar. 3, 1966, 6494
 Apr. 1, 1966, 7933
 Apr. 30, 1966, 9562
 May 19, 1966, 11115
 June 24, 1966, 11118
 Oct. 13, 1966, 17954
 Zahn, John J., lateral stability of deep beams with shear-beam support, 5991
 Zalewski, Anna, *see* Holoweckij, Anna M.
 Zambia:
 background notes, 11246
 economy, basic data, erratum, 339
 mineral industry, minerals yearbook chapter, 7702
 Zapp, Alfred D., bauxite in areas adjacent to and between Springvale and Andersonville districts, Ga., 2091
 Zaretsky, Erwin V., bearing life and failure distribution as affected by actual component differential hardness, 1267
 Zeigler, Glen, relief, 17419
 Zener diodes, *see* Crystal diodes.
 Zero errors, *see* Errors.
 Zero gravity:
 environment—
 flammability, 17932
 use of aircraft to produce, 9517

- Zero gravity—Continued
 magnetic fluid readily controlled, 1211
 pressure drop of nonwetting mercury, 4933, 15134
 pressure losses of condensing mercury in constant-diameter tube, errata, 15133
see also Weightlessness.
 Zero power reactors, *see* Reactors (atomic).
 Zia Pueblo:
 land to be given in trust—
 law, 5588
 report, 4115
 Zierdt, William H., jr., Army Reserve magazine, 2692
 Zimmer, Paul D., Rock Island Dam, Columbia River, Wash., annual fish passage report, 17679
 Zimmet, Steven, public domain, its place in our history, etc., 10888
 Zinc:
 diffusion into gallium phosphide or arsenide, 9412
 electrodes for electrochemical cells, improvement, 4832
 high concentrations in Guilmette Formation and Simonson Dolomite of Devonian age in Pequop Mountains and Wood Hills, Nev., 16355
 industry, mineral industry survey, monthly, 3718
 mine production, mineral industry survey, monthly, 3719
 minerals yearbook chapter, 1173
 ores, census of mineral industries, 1963, industry statistics, 15575
 release from either national or supplemental stockpile, or both—
 hearing, 570
 law, 424
 scrap, mineral industry survey, monthly, 3721
 Zinc oxide:
 mineral industry survey, monthly, 3720
 spectral emittance on opaque substrates, 1277
 thermodynamic properties of ZnO-Fe₂O₃-Fe₂O₃ system at elevated temperatures, relation to—
 spinel structure, 9376
 zinc concentrate roasting, 12242
 Zinc sulfide, high-temperature heat contents and entropies of 2 zinc sulfides and 4 solid solutions of zinc and iron sulfides, 2353
 Zinn, Charles J., constitution of U.S., index, etc., 15786
 ZIP code:
 numbers, post office directory, 1966, 17988
 post offices, national directory, 6564
 system in U.S. postal service, encourage use by volume mailers, hearings, 11680
 Zircon producing hafnium-enriched feed solutions, 12256
 Zirconium:
 elemental, USSR physical-chemical studies, 9087
 minerals yearbook chapter, 15034
 uraniferous zirconium deposits of Pocos de Caldas Plateau, Brazil, 13395
 Zirconium carbide, liquid, containment on graphite between 3500° and 4700° K, 16614
 Zirconium diborides, chemical reactions and bonding in these compounds, 13836
 Zirconium oxides, suboxides, USSR physical-chemical studies, 9087
 Zirconium silicate, prophylaxis pastes, performance, 8208
 Zirconium suboxides, *see* Zirconium oxides.
 Zirm, R. R., dual calsphere experiment, 1365
 Zitter, Meyer:
 inventory of State, etc., agencies preparing population estimates, 5491
 population projections, 5489

INDEX 1966

- Zola, Charles L. :
 minimum propellant consumption round-trip trajectories to Mars for vehicles with optimum coasting periods, 4967
 propellant requirements of low-thrust trajectories, 7895
- Zonal centrifuges, *see* Centrifuges.
- Zonal harmonics, in low frequency terrestrial radio wave propagation, 13866
- Zoning, *see* Cities and towns.
- Zoogeography, marine, late Pleistocene, in central California, 16361
- Zoology :
 medical and veterinary, index-catalogue, 5274, 6715, 8133-34, 9793-94, 16918
 Soviet—
 recent developments, 6178
 recent studies, 6175
- Zooplankton :
 coastal waters of Gulf of Maine, 1964, seasonal and areal distribution, 13349
 communities of Navesink and Shrewsbury Rivers and Sandy Hook Bay, N.J., 7444
- Zootechnicians, Soviet N. G. Belen'kiy criticized for poor research practices, USSR study, 17779
- Zootechny, scientific research, perspectives, Rumanian study, 12108
- Zozulya, N. V., heat exchange during vapor condensation, 4989
- ZPR-II, *see* Reactors (atomic).
- Zubovic, Peter, distribution of minor elements in coals of Appalachian region, 13393
- Zuk, John, flow and pressure field analysis of parallel groove geometry for incompressible fluid, etc., 15201
- Zuniga, Manuel A., relief, 11717
- Zuzik, Michael B. :
 Labor laws and practice in—
 Kingdom of Libya, 16527
 Malaysia and Singapore, 4713
- Zwick, Jack, foreign banking in United States, 12840
- Zwiefelhofer, Kuniki N., relief, 7074, 11540, 11725
- Zych, Zofia, relief, 16053
- Zyryanov, Col Gen, chief of Soviet Border Forces, interview, 12120

To Superintendent of Documents,
Government Printing Office,
Washington, D.C. 20402

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order *only* publications indicated by a star (*) preceding the list price.

Postage

City, State, and ZIP Code _____

Additional space for your order

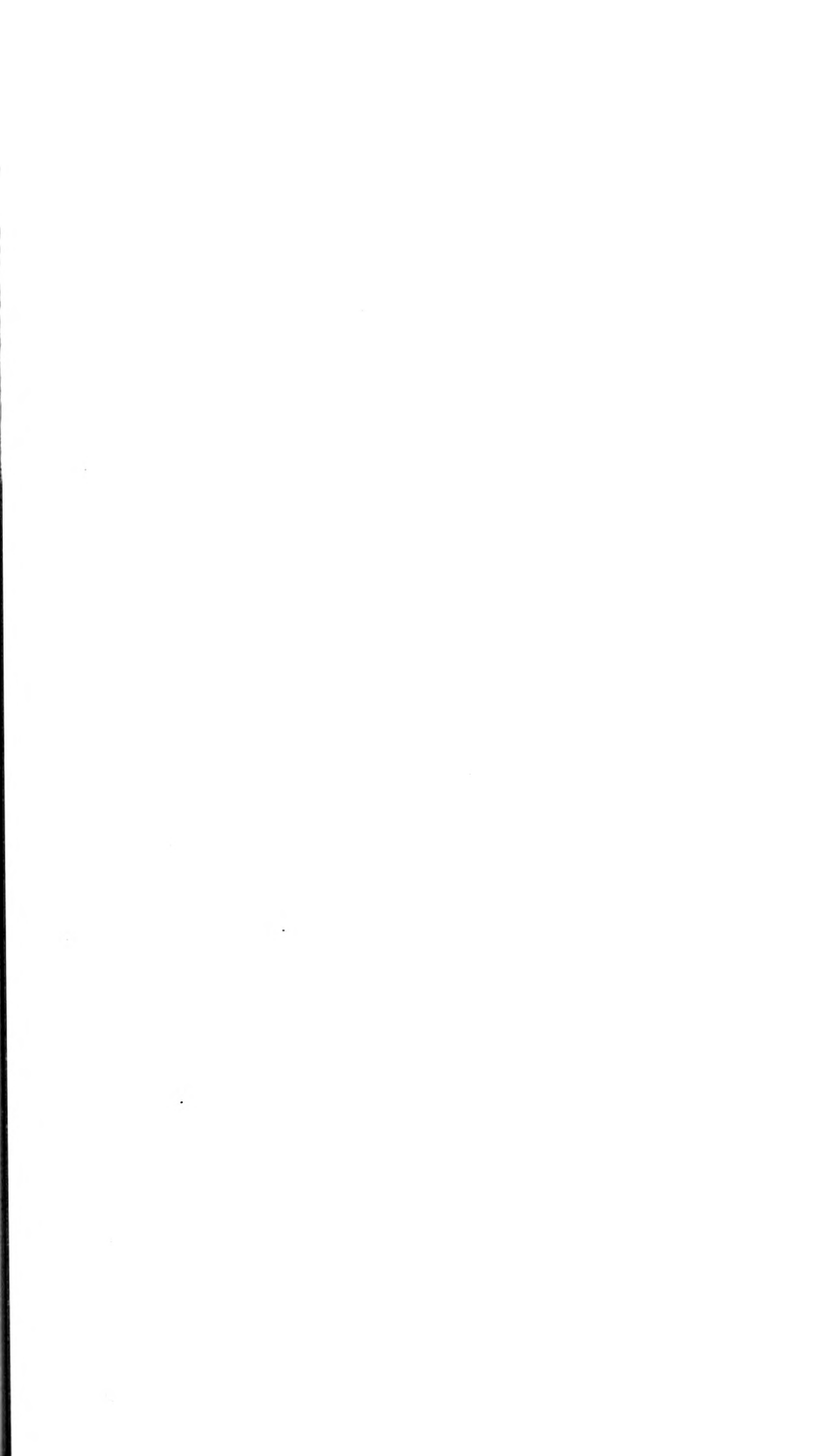
[illegible]

UNITED STATES
GOVERNMENT PRINTING OFFICE

DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

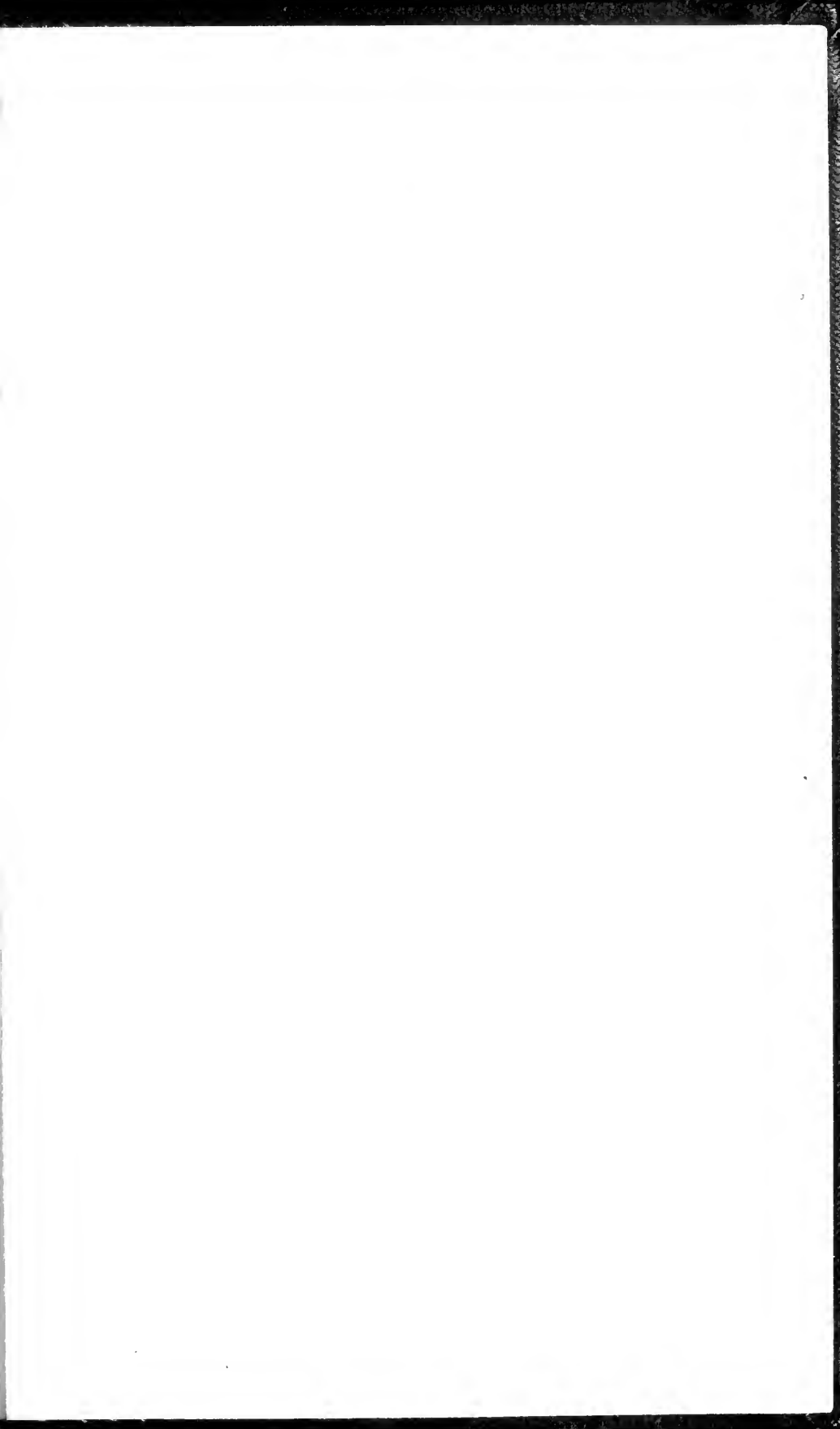
POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

OFFICIAL BUSINESS









UNIVERSITY OF ILLINOIS URBANA

015 71 475

0001

MONTHLY DATA OF UNITED STATES GOVERNMENT

1966 JUL



3 0112 026452489